

BRIAR API C++ Stubs

Generated by Doxygen 1.8.17

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Chapter 1

BRIAR API Stubs

gRPC Stubs Overview

Stubs are the 'compiled' versions of the protobuf files, although I use the word 'compiled' loosely because the protobuf files have actually been translated into the corresponding language's source code. These files are significantly more complex than the protobuf files but the names of messages and services defined in the protobuf files remain the same in the source files and the objects are ready to use once you have included the source files into your project.

Instructions on how to use gRPC stubs for compatible languages

Google has instructions on how to use gRPC for the different supported languages on their main gRPC website. The link below will take you to a page where you can select a tutorial for your language of choice.

<https://grpc.io/docs/languages/>

Chapter 2

Namespace Index

2.1 Namespace List

Here is a list of all namespaces with brief descriptions:

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Chapter 3

Hierarchical Index

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This inheritance list is sorted roughly, but not completely, alphabetically:

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Class Index

4.1 Class List

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File Index

5.1 File List

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/home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/ briar_error.pb.cc	1172
/home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/ briar_error.pb.h	1174
/home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/ briar_service.pb.cc	1177
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Chapter 6

Namespace Documentation

6.1 briar Namespace Reference

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- class [AccessRecordDefaultTypeInternal](#)
- class [APIVersion](#)
- class [APIVersionDefaultTypeInternal](#)
- class [Attribute](#)
- class [AttributeDefaultTypeInternal](#)
- class [BoolOption](#)
- class [BoolOptionDefaultTypeInternal](#)
- class [BriarDatabase](#)
- class [BriarDatabaseDefaultTypeInternal](#)
- class [BriarDatabaseInfo](#)
- class [BriarDatabaseInfoDefaultTypeInternal](#)
- class [BriarDuration](#)
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- class [VerifyReplyDefaultTypeInternal](#)
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- class [VerifyRequestDefaultTypeInternal](#)

Enumerations

- enum [BatchPolicy](#) { [AbortEarly](#) = 0, [FlagAndFinish](#) = 1, [BatchPolicy_INT_MIN_SENTINEL_DO_NOT_USE_](#) = ::google::protobuf::kint32min, [BatchPolicy_INT_MAX_SENTINEL_DO_NOT_USE_](#) = ::google::protobuf::kint32max }
- enum [BiometricModality](#) {
 [UNSPECIFIED](#) = 0, [WHOLE_BODY](#) = 1, [FACE](#) = 2, [GAIT](#) = 3,
 [BiometricModality_INT_MIN_SENTINEL_DO_NOT_USE_](#) = ::google::protobuf::kint32min, [BiometricModality_INT_MAX_SENTINEL_DO_NOT_USE_](#) = ::google::protobuf::kint32max }

- enum `BriarDataType` {

EMPTY = 0, STRING = 1, INT = 2, FLOAT = 3,

BYTES = 4, VECTOR = 5, PICKLE = 6, XML = 7,

JSON = 8, `BriarDataType_INT_MIN_SENTINEL_DO_NOT_USE_` = ::google::protobuf::kint32min,
 `BriarDataType_INT_MAX_SENTINEL_DO_NOT_USE_` = ::google::protobuf::kint32max }
- enum `BriarError` {

`BRIAR_SUCCESS` = 0, `BRIAR_UNKNOWN_ERROR` = 1, `BRIAR_INTERNAL_ERROR` = 2, `BRIAR_OUT_OF_MEMORY`
= 3,
 `BRIAR_INVALID_SDK_PATH` = 4, `BRIAR_BAD_SDK_CONFIG` = 5, `BRIAR_BAD_LICENSE` = 6,
 `BRIAR_MISSING_DATA` = 7,
 `BRIAR_INVALID_GPU` = 8, `BRIAR_BAD_ARGUMENT` = 9, `BRIAR_OPEN_ERROR` = 10, `BRIAR_READ_ERROR`
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= 15,
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 `BRIAR_FAILURE_TO_DESERIALIZE` = 24, `BRIAR_BATCH_ABORTED_EARLY` = 25, `BRIAR_BATCH_FINISHED_WITH_ER`
= 26, `BRIAR_CALLBACK_EXIT_IMMEDIATELY` = 27,
 `BRIAR_NOT_IMPLEMENTED` = 28, `BRIAR_NUM_ERRORS` = 29, `BriarError_INT_MIN_SENTINEL_DO_NOT_USE_`
= ::google::protobuf::kint32min, `BriarError_INT_MAX_SENTINEL_DO_NOT_USE_` = ::google::protobuf::kint32max }
- enum `BriarMedia_DataType` {

`BriarMedia_DataType_UINT8` = 0, `BriarMedia_DataType_UINT16` = 1, `BriarMedia_DataType_FLOAT32` = 2,
 `BriarMedia_DataType_URL` = 3,
 `BriarMedia_DataType_PNG` = 4, `BriarMedia_DataType_JPG` = 5, `BriarMedia_DataType_RAW` = 6,
 `BriarMedia_DataType_EPS` = 7,
 `BriarMedia_DataType_TIF` = 8, `BriarMedia_DataType_GIF` = 9, `BriarMedia_DataType_MJPG` = 10,
 `BriarMedia_DataType_H264` = 11,
 `BriarMedia_DataType_H265` = 12, `BriarMedia_DataType_SOURCE_ONLY` = 13, `BriarMedia_DataType_BriarMedia_DataType_`
= ::google::protobuf::kint32min, `BriarMedia_DataType_BriarMedia_DataType_INT_MAX_SENTINEL_DO_NOT_USE_`
= ::google::protobuf::kint32max }
- enum `BriarServiceStatus` {

`UNKNOWN` = 0, `READY` = 1, `ERROR` = 2, `BUSY` = 3,
 `BriarServiceStatus_INT_MIN_SENTINEL_DO_NOT_USE_` = ::google::protobuf::kint32min, `BriarServiceStatus_INT_MAX_SE`
= ::google::protobuf::kint32max }
- enum `DetectionPolicy` {

`DetectAll` = 0, `DetectLargest` = 1, `DetectBest` = 2, `DetectionPolicy_INT_MIN_SENTINEL_DO_NOT_USE_`
= ::google::protobuf::kint32min,
 `DetectionPolicy_INT_MAX_SENTINEL_DO_NOT_USE_` = ::google::protobuf::kint32max }
- enum `EnrollFlags` {

`ENROLL_FULL_IMAGE` = 0, `ENROLL_AUTO_DETECTION` = 1, `ENROLL_PROVIDED_DETECTION` = 2,
 `ENROLL_PROVIDED_TEMPLATE` = 3,
 `EnrollFlags_INT_MIN_SENTINEL_DO_NOT_USE_` = ::google::protobuf::kint32min, `EnrollFlags_INT_MAX_SENTINEL_DO_N`
= ::google::protobuf::kint32max }
- enum `EnrollmentType` {

`_11Reference` = 0, `_11Verification` = 1, `_1NProbe` = 2, `_1NGallery` = 3,
 `Cluster` = 4, `EnrollmentType_INT_MIN_SENTINEL_DO_NOT_USE_` = ::google::protobuf::kint32min,
 `EnrollmentType_INT_MAX_SENTINEL_DO_NOT_USE_` = ::google::protobuf::kint32max }
- enum `EntryType` {

`ENTRY_TYPE_UNKNOWN` = 0, `ENTRY_TYPE SUBJECT` = 1, `ENTRY_TYPE MEDIA` = 2, `EntryType_INT_MIN_SENTINEL_`
= ::google::protobuf::kint32min,
 `EntryType_INT_MAX_SENTINEL_DO NOT USE_` = ::google::protobuf::kint32max }
- enum `ExtractFlags` {

`EXTRACT_FULL_IMAGE` = 0, `EXTRACT_AUTO_DETECTION` = 1, `EXTRACT_PROVIDED_DETECTION` = 2,
 `ExtractFlags_INT_MIN_SENTINEL_DO NOT USE_` = ::google::protobuf::kint32min,
 `ExtractFlags_INT_MAX_SENTINEL_DO NOT USE_` = ::google::protobuf::kint32max }

- enum `FeatureVectorType` {

BriarInt8 = 0, BriarInt16 = 1, BriarInt32 = 2, BriarInt64 = 3,

BriarUInt8 = 4, BriarUInt16 = 5, BriarUInt32 = 6, BriarUInt64 = 7,

BriarFloat = 8, BriarDouble = 9, FeatureVectorType_INT_MIN_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32min, FeatureVectorType_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max }
- enum `MediaType` { MEDIA_IMAGE = 0, MEDIA_VIDEO = 1, MediaType_INT_MIN_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32min, MediaType_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max }
- enum `SearchFlags` {

SEARCH_FULL_IMAGE = 0, SEARCH_AUTO_DETECTION = 1, SEARCH_PROVIDED_DETECTIONS = 2, SEARCH_PROVIDED_TEMPLATES = 3,

SearchFlags_INT_MIN_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32min, SearchFlags_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max }
- enum `VerifyFlags` {

VERIFY_FULL_IMAGE = 0, VERIFY_PROVIDED_DETECTIONS = 1, VERIFY_PROVIDED_TEMPLATES = 2, VerifyFlags_INT_MIN_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32min,

VerifyFlags_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max }

Functions

- const ::google::protobuf::EnumDescriptor * `BatchPolicy_descriptor` ()
- bool `BatchPolicy_IsValid` (int value)
- const ::std::string & `BatchPolicy_Name` (BatchPolicy value)
- bool `BatchPolicy_Parse` (const ::std::string &name, BatchPolicy *value)
- const ::google::protobuf::EnumDescriptor * `BiometricModality_descriptor` ()
- bool `BiometricModality_IsValid` (int value)
- const ::std::string & `BiometricModality_Name` (BiometricModality value)
- bool `BiometricModality_Parse` (const ::std::string &name, BiometricModality *value)
- const ::google::protobuf::EnumDescriptor * `BriarDataType_descriptor` ()
- bool `BriarDataType_IsValid` (int value)
- const ::std::string & `BriarDataType_Name` (BriarDataType value)
- bool `BriarDataType_Parse` (const ::std::string &name, BriarDataType *value)
- const ::google::protobuf::EnumDescriptor * `BriarError_descriptor` ()
- bool `BriarError_IsValid` (int value)
- const ::std::string & `BriarError_Name` (BriarError value)
- bool `BriarError_Parse` (const ::std::string &name, BriarError *value)
- const ::google::protobuf::EnumDescriptor * `BriarMedia_DataType_descriptor` ()
- bool `BriarMedia_DataType_IsValid` (int value)
- const ::std::string & `BriarMedia_DataType_Name` (BriarMedia_DataType value)
- bool `BriarMedia_DataType_Parse` (const ::std::string &name, BriarMedia_DataType *value)
- const ::google::protobuf::EnumDescriptor * `BriarServiceStatus_descriptor` ()
- bool `BriarServiceStatus_IsValid` (int value)
- const ::std::string & `BriarServiceStatus_Name` (BriarServiceStatus value)
- bool `BriarServiceStatus_Parse` (const ::std::string &name, BriarServiceStatus *value)
- const ::google::protobuf::EnumDescriptor * `DetectionPolicy_descriptor` ()
- bool `DetectionPolicy_IsValid` (int value)
- const ::std::string & `DetectionPolicy_Name` (DetectionPolicy value)
- bool `DetectionPolicy_Parse` (const ::std::string &name, DetectionPolicy *value)
- const ::google::protobuf::EnumDescriptor * `EnrollFlags_descriptor` ()
- bool `EnrollFlags_IsValid` (int value)
- const ::std::string & `EnrollFlags_Name` (EnrollFlags value)
- bool `EnrollFlags_Parse` (const ::std::string &name, EnrollFlags *value)
- const ::google::protobuf::EnumDescriptor * `EnrollmentType_descriptor` ()

- bool `EnrollmentType_IsValid` (int value)
- const ::std::string & `EnrollmentType_Name` (`EnrollmentType` value)
- bool `EnrollmentType_Parse` (const ::std::string &name, `EnrollmentType` *value)
- const ::google::protobuf::EnumDescriptor * `EntryType_descriptor` ()
- bool `EntryType_IsValid` (int value)
- const ::std::string & `EntryType_Name` (`EntryType` value)
- bool `EntryType_Parse` (const ::std::string &name, `EntryType` *value)
- const ::google::protobuf::EnumDescriptor * `ExtractFlags_descriptor` ()
- bool `ExtractFlags_IsValid` (int value)
- const ::std::string & `ExtractFlags_Name` (`ExtractFlags` value)
- bool `ExtractFlags_Parse` (const ::std::string &name, `ExtractFlags` *value)
- const ::google::protobuf::EnumDescriptor * `FeatureVectorType_descriptor` ()
- bool `FeatureVectorType_IsValid` (int value)
- const ::std::string & `FeatureVectorType_Name` (`FeatureVectorType` value)
- bool `FeatureVectorType_Parse` (const ::std::string &name, `FeatureVectorType` *value)
- const ::google::protobuf::EnumDescriptor * `MediaType_descriptor` ()
- bool `MediaType_IsValid` (int value)
- const ::std::string & `MediaType_Name` (`MediaType` value)
- bool `MediaType_Parse` (const ::std::string &name, `MediaType` *value)
- const ::google::protobuf::EnumDescriptor * `SearchFlags_descriptor` ()
- bool `SearchFlags_IsValid` (int value)
- const ::std::string & `SearchFlags_Name` (`SearchFlags` value)
- bool `SearchFlags_Parse` (const ::std::string &name, `SearchFlags` *value)
- const ::google::protobuf::EnumDescriptor * `VerifyFlags_descriptor` ()
- bool `VerifyFlags_IsValid` (int value)
- const ::std::string & `VerifyFlags_Name` (`VerifyFlags` value)
- bool `VerifyFlags_Parse` (const ::std::string &name, `VerifyFlags` *value)

Variables

- class `briar::AccessRecordDefaultTypeInternal _AccessRecord_default_instance_`
- class `briar::APIVersionDefaultTypeInternal _APIVersion_default_instance_`
- class `briar::AttributeDefaultTypeInternal _Attribute_default_instance_`
- class `briar::BoolOptionDefaultTypeInternal _BoolOption_default_instance_`
- class `briar::BriarDatabaseDefaultTypeInternal _BriarDatabase_default_instance_`
- class `briar::BriarDatabaseInfoDefaultTypeInternal _BriarDatabaseInfo_default_instance_`
- class `briar::BriarDurationDefaultTypeInternal _BriarDuration_default_instance_`
- class `briar::BriarDurationsDefaultTypeInternal _BriarDurations_default_instance_`
- class `briar::BriarDurations_SubDurationsEntry_DoNotUseDefaultTypeInternal _BriarDurations_SubDurationsEntry_DoNotUseDefaultTypeInstance_`
- class `briar::BriarDurationsListDefaultTypeInternal _BriarDurationsList_default_instance_`
- class `briar::BriarErrorMessageDefaultTypeInternal _BriarErrorMessage_default_instance_`
- class `briar::BriarErrorsDefaultTypeInternal _BriarErrors_default_instance_`
- class `briar::BriarGalleryInfoDefaultTypeInternal _BriarGalleryInfo_default_instance_`
- class `briar::BriarGalleryListDefaultTypeInternal _BriarGalleryList_default_instance_`
- class `briar::BriarMatrixDefaultTypeInternal _BriarMatrix_default_instance_`
- class `briar::BriarMediaDefaultTypeInternal _BriarMedia_default_instance_`
- class `briar::BriarPoint2DDefaultTypeInternal _BriarPoint2D_default_instance_`
- class `briar::BriarProgressDefaultTypeInternal _BriarProgress_default_instance_`
- class `briar::BriarRectDefaultTypeInternal _BriarRect_default_instance_`
- class `briar::BriarTrackDefaultTypeInternal _BriarTrack_default_instance_`
- class `briar::BriarVectorDefaultTypeInternal _BriarVector_default_instance_`
- class `briar::ClusterConfidenceDefaultTypeInternal _ClusterConfidence_default_instance_`
- class `briar::ClusterIdsDefaultTypeInternal _ClusterIds_default_instance_`
- class `briar::ClusterReplyDefaultTypeInternal _ClusterReply_default_instance_`

- class briar::ClusterRequestDefaultTypeInternal _ClusterRequest_default_instance_
- class briar::DatabaseCreateReplyDefaultTypeInternal _DatabaseCreateReply_default_instance_
- class briar::DatabaseCreateRequestDefaultTypeInternal _DatabaseCreateRequest_default_instance_
- class briar::DatabaseDeleteReplyDefaultTypeInternal _DatabaseDeleteReply_default_instance_
- class briar::DatabaseDeleteRequestDefaultTypeInternal _DatabaseDeleteRequest_default_instance_
- class briar::DatabaseFinalizeReplyDefaultTypeInternal _DatabaseFinalizeReply_default_instance_
- class briar::DatabaseFinalizeRequestDefaultTypeInternal _DatabaseFinalizeRequest_default_instance_
- class briar::DatabaseInfoReplyDefaultTypeInternal _DatabaseInfoReply_default_instance_
- class briar::DatabaseInfoRequestDefaultTypeInternal _DatabaseInfoRequest_default_instance_
- class briar::DatabaseInsertReplyDefaultTypeInternal _DatabaseInsertReply_default_instance_
- class briar::DatabaseInsertRequestDefaultTypeInternal _DatabaseInsertRequest_default_instance_
- class briar::DatabaseListentriesReplyDefaultTypeInternal _DatabaseListentriesReply_default_instance_
- class briar::DatabaseListEntriesRequestDefaultTypeInternal _DatabaseListEntriesRequest_default_instance_
- class briar::DatabaseListReplyDefaultTypeInternal _DatabaseListReply_default_instance_
- class briar::DatabaseListRequestDefaultTypeInternal _DatabaseListRequest_default_instance_
- class briar::DatabaseLoadReplyDefaultTypeInternal _DatabaseLoadReply_default_instance_
- class briar::DatabaseLoadRequestDefaultTypeInternal _DatabaseLoadRequest_default_instance_
- class briar::DatabaseMergeReplyDefaultTypeInternal _DatabaseMergeReply_default_instance_
- class briar::DatabaseMergeRequestDefaultTypeInternal _DatabaseMergeRequest_default_instance_
- class briar::DatabaseRemoveTmplsReplyDefaultTypeInternal _DatabaseRemoveTmplsReply_default_instance_
- class briar::DatabaseRemoveTmplsRequestDefaultTypeInternal _DatabaseRemoveTmplsRequest_default_instance_
- class briar::DatabaseRenameReplyDefaultTypeInternal _DatabaseRenameReply_default_instance_
- class briar::DatabaseRenameRequestDefaultTypeInternal _DatabaseRenameRequest_default_instance_
- class briar::DatabaseRetrieveReplyDefaultTypeInternal _DatabaseRetrieveReply_default_instance_
- class briar::DatabaseRetrieveRequestDefaultTypeInternal _DatabaseRetrieveRequest_default_instance_
- class briar::DetectionDefaultTypeInternal _Detection_default_instance_
- class briar::DetectionOptionsDefaultTypeInternal _DetectionOptions_default_instance_
- class briar::DetectReplyDefaultTypeInternal _DetectReply_default_instance_
- class briar::DetectRequestDefaultTypeInternal _DetectRequest_default_instance_
- class briar::EmptyDefaultTypeInternal _Empty_default_instance_
- class briar::EnhanceOptionsDefaultTypeInternal _EnhanceOptions_default_instance_
- class briar::EnhanceReplyDefaultTypeInternal _EnhanceReply_default_instance_
- class briar::EnhanceRequestDefaultTypeInternal _EnhanceRequest_default_instance_
- class briar::EnrollmentInfoDefaultTypeInternal _EnrollmentInfo_default_instance_
- class briar::EnrollOptionsDefaultTypeInternal _EnrollOptions_default_instance_
- class briar::EnrollReplyDefaultTypeInternal _EnrollReply_default_instance_
- class briar::EnrollRequestDefaultTypeInternal _EnrollRequest_default_instance_
- class briar::EvalConfigDefaultTypeInternal _EvalConfig_default_instance_
- class briar::ExtractOptionsDefaultTypeInternal _ExtractOptions_default_instance_
- class briar::ExtractReplyDefaultTypeInternal _ExtractReply_default_instance_
- class briar::ExtractRequestDefaultTypeInternal _ExtractRequest_default_instance_
- class briar::FloatOptionDefaultTypeInternal _FloatOption_default_instance_
- class briar::FrameMetadataDefaultTypeInternal _FrameMetadata_default_instance_
- class briar::ImageDetectionListDefaultTypeInternal _ImageDetectionList_default_instance_
- class briar::ImageDetectionListGroupDefaultTypeInternal _ImageDetectionListGroup_default_instance_
- class briar::IntOptionDefaultTypeInternal _IntOption_default_instance_
- class briar::MatchInfoDefaultTypeInternal _MatchInfo_default_instance_
- class briar::MatchListDefaultTypeInternal _MatchList_default_instance_
- class briar::MediaMetadataDefaultTypeInternal _MediaMetadata_default_instance_
- class briar::RecordDefaultTypeInternal _Record_default_instance_
- class briar::RecordListDefaultTypeInternal _RecordList_default_instance_
- class briar::SearchOptionsDefaultTypeInternal _SearchOptions_default_instance_
- class briar::SearchReplyDefaultTypeInternal _SearchReply_default_instance_
- class briar::SearchRequestDefaultTypeInternal _SearchRequest_default_instance_
- class briar::StatusReplyDefaultTypeInternal _StatusReply_default_instance_

- class `briar::StatusRequestDefaultTypeInternal::_StatusRequest_default_instance_`
- class `briar::StringOptionDefaultTypeInternal::_StringOption_default_instance_`
- class `briar::TemplateDefaultTypeInternal::_Template_default_instance_`
- class `briar::TemplateIdsDefaultTypeInternal::_TemplateIds_default_instance_`
- class `briar::TemplateImageInputDefaultTypeInternal::_TemplateImageInput_default_instance_`
- class `briar::TemplateListDefaultTypeInternal::_TemplateList_default_instance_`
- class `briar::TemplateListGroupDefaultTypeInternal::_TemplateListGroup_default_instance_`
- class `briar::TrackingOptionsDefaultTypeInternal::_TrackingOptions_default_instance_`
- class `briar::TrackletDefaultTypeInternal::_Tracklet_default_instance_`
- class `briar::TrackReplyDefaultTypeInternal::_TrackReply_default_instance_`
- class `briar::TrackRequestDefaultTypeInternal::_TrackRequest_default_instance_`
- class `briar::VerifyReplyDefaultTypeInternal::_VerifyReply_default_instance_`
- class `briar::VerifyRequestDefaultTypeInternal::_VerifyRequest_default_instance_`
- const int `BatchPolicy_ARRAYSIZE = BatchPolicy_MAX + 1`
- const `BatchPolicy BatchPolicy_MAX = FlagAndFinish`
- const `BatchPolicy BatchPolicy_MIN = AbortEarly`
- const int `BiometricModality_ARRAYSIZE = BiometricModality_MAX + 1`
- const `BiometricModality BiometricModality_MAX = GAIT`
- const `BiometricModality BiometricModality_MIN = UNSPECIFIED`
- const int `BriarDataType_ARRAYSIZE = BriarDataType_MAX + 1`
- const `BriarDataType BriarDataType_MAX = JSON`
- const `BriarDataType BriarDataType_MIN = EMPTY`
- const int `BriarError_ARRAYSIZE = BriarError_MAX + 1`
- const `BriarError BriarError_MAX = BRIAR_NUM_ERRORS`
- const `BriarError BriarError_MIN = BRIAR_SUCCESS`
- const int `BriarMedia_DataType_DataType_ARRAYSIZE = BriarMedia_DataType_DataType_MAX + 1`
- const `BriarMedia_DataType BriarMedia_DataType_DataType_MAX = BriarMedia_DataType_SOURCE_ONLY`
- const `BriarMedia_DataType BriarMedia_DataType_DataType_MIN = BriarMedia_DataType_UINT8`
- const int `BriarServiceStatus_ARRAYSIZE = BriarServiceStatus_MAX + 1`
- const `BriarServiceStatus BriarServiceStatus_MAX = BUSY`
- const `BriarServiceStatus BriarServiceStatus_MIN = UNKNOWN`
- const int `DetectionPolicy_ARRAYSIZE = DetectionPolicy_MAX + 1`
- const `DetectionPolicy DetectionPolicy_MAX = DetectBest`
- const `DetectionPolicy DetectionPolicy_MIN = DetectAll`
- const int `EnrollFlags_ARRAYSIZE = EnrollFlags_MAX + 1`
- const `EnrollFlags EnrollFlags_MAX = ENROLL_PROVIDED_TEMPLATE`
- const `EnrollFlags EnrollFlags_MIN = ENROLL_FULL_IMAGE`
- const int `EnrollmentType_ARRAYSIZE = EnrollmentType_MAX + 1`
- const `EnrollmentType EnrollmentType_MAX = Cluster`
- const `EnrollmentType EnrollmentType_MIN = _11Reference`
- const int `EntryType_ARRAYSIZE = EntryType_MAX + 1`
- const `EntryType EntryType_MAX = ENTRY_TYPE_MEDIA`
- const `EntryType EntryType_MIN = ENTRY_TYPE_UNKNOWN`
- const int `ExtractFlags_ARRAYSIZE = ExtractFlags_MAX + 1`
- const `ExtractFlags ExtractFlags_MAX = EXTRACT_PROVIDED_DETECTION`
- const `ExtractFlags ExtractFlags_MIN = EXTRACT_FULL_IMAGE`
- const int `FeatureVectorType_ARRAYSIZE = FeatureVectorType_MAX + 1`
- const `FeatureVectorType FeatureVectorType_MAX = BriarDouble`
- const `FeatureVectorType FeatureVectorType_MIN = BriarInt8`
- const int `MediaType_ARRAYSIZE = MediaType_MAX + 1`
- const `MediaType MediaType_MAX = MEDIA_VIDEO`
- const `MediaType MediaType_MIN = MEDIA_IMAGE`
- const int `SearchFlags_ARRAYSIZE = SearchFlags_MAX + 1`
- const `SearchFlags SearchFlags_MAX = SEARCH_PROVIDED_TEMPLATES`
- const `SearchFlags SearchFlags_MIN = SEARCH_FULL_IMAGE`
- const int `VerifyFlags_ARRAYSIZE = VerifyFlags_MAX + 1`
- const `VerifyFlags VerifyFlags_MAX = VERIFY_PROVIDED_TEMPLATES`
- const `VerifyFlags VerifyFlags_MIN = VERIFY_FULL_IMAGE`

6.1.1 Enumeration Type Documentation

6.1.1.1 BatchPolicy

```
enum briar::BatchPolicy
```

Enumerator

AbortEarly	
FlagAndFinish	
BatchPolicy_INT_MIN_SENTINEL_DO_NOT_USE_E_	
BatchPolicy_INT_MAX_SENTINEL_DO_NOT_USE_E_	

6.1.1.2 BiometricModality

```
enum briar::BiometricModality
```

Enumerator

UNSPECIFIED	
WHOLE_BODY	
FACE	
GAIT	
BiometricModality_INT_MIN_SENTINEL_DO_NOT_USE_E_	
BiometricModality_INT_MAX_SENTINEL_DO_NOT_USE_E_	

6.1.1.3 BriarDataType

```
enum briar::BriarDataType
```

Enumerator

EMPTY	
STRING	
INT	
FLOAT	
BYTES	
VECTOR	

Enumerator

PICKLE	
XML	
JSON	
BriarDataType_INT_MIN_SENTINEL_DO_NOT_USE_E_	
BriarDataType_INT_MAX_SENTINEL_DO_NOT_USE_E_	

6.1.1.4 BriarError

```
enum briar::BriarError
```

Enumerator

BRIAR_SUCCESS	
BRIAR_UNKNOWN_ERROR	
BRIAR_INTERNAL_ERROR	
BRIAR_OUT_OF_MEMORY	
BRIAR_INVALID_SDK_PATH	
BRIAR_BAD_SDK_CONFIG	
BRIAR_BAD_LICENSE	
BRIAR_MISSING_DATA	
BRIAR_INVALID_GPU	
BRIAR_BAD_ARGUMENT	
BRIAR_OPEN_ERROR	
BRIAR_READ_ERROR	
BRIAR_WRITE_ERROR	
BRIAR_PARSE_ERROR	
BRIAR_INVALID_MEDIA	
BRIAR_OUT_OF_BOUNDS_ACCESS	
BRIAR_MEDIA_AT_END	
BRIAR_INVALID_ATTRIBUTE_KEY	
BRIAR_MISSING_ATTRIBUTE	
BRIAR_DUPLICATE_ID	
BRIAR_MISSING_ID	
BRIAR_MISSING_FILE_NAME	
BRIAR_INCORRECT_ROLE	
BRIAR_FAILURE_TO_SERIALIZE	
BRIAR_FAILURE_TO_DESERIALIZE	
BRIAR_BATCH_ABORTED_EARLY	
BRIAR_BATCH_FINISHED_WITH_ERRORS	
BRIAR_CALLBACK_EXIT_IMMEDIATELY	
BRIAR_NOT_IMPLEMENTED	
BRIAR_NUM_ERRORS	
BriarError_INT_MIN_SENTINEL_DO_NOT_USE_E_	
BriarError_INT_MAX_SENTINEL_DO_NOT_USE_E_	

6.1.1.5 BriarMedia_DataType

```
enum briar::BriarMedia_DataType
```

Enumerator

BriarMedia_DataType_UINT8
BriarMedia_DataType_UINT16
BriarMedia_DataType_FLOAT32
BriarMedia_DataType_URL
BriarMedia_DataType_PNG
BriarMedia_DataType_JPG
BriarMedia_DataType_RAW
BriarMedia_DataType_EPS
BriarMedia_DataType_TIF
BriarMedia_DataType_GIF
BriarMedia_DataType_MJPG
BriarMedia_DataType_H264
BriarMedia_DataType_H265
BriarMedia_DataType_SOURCE_ONLY
BriarMedia_DataType_BriarMedia_DataType_INT_MIN_SENTINEL_DO_NOT_USE_E_
BriarMedia_DataType_BriarMedia_DataType_INT_MAX_SENTINEL_DO_NOT_USE_E_

6.1.1.6 BriarServiceStatus

```
enum briar::BriarServiceStatus
```

Enumerator

UNKNOWN
READY
ERROR
BUSY
BriarServiceStatus_INT_MIN_SENTINEL_DO_NOT_USE_E_
BriarServiceStatus_INT_MAX_SENTINEL_DO_NOT_USE_E_

6.1.1.7 DetectionPolicy

```
enum briar::DetectionPolicy
```

Enumerator

DetectAll	
DetectLargest	
DetectBest	
DetectionPolicy_INT_MIN_SENTINEL_DO_NOT_US← E_	
DetectionPolicy_INT_MAX_SENTINEL_DO_NOT_US← E_	

6.1.1.8 EnrollFlags

```
enum briar::EnrollFlags
```

Enumerator

ENROLL_FULL_IMAGE	
ENROLL_AUTO_DETECTION	
ENROLL_PROVIDED_DETECTION	
ENROLL_PROVIDED_TEMPLATE	
EnrollFlags_INT_MIN_SENTINEL_DO_NOT_US← E_	
EnrollFlags_INT_MAX_SENTINEL_DO_NOT_US← E_	

6.1.1.9 EnrollmentType

```
enum briar::EnrollmentType
```

Enumerator

_11Reference	
_11Verification	
_1NProbe	
_1NGallery	
Cluster	
EnrollmentType_INT_MIN_SENTINEL_DO_NOT_US← E_	
EnrollmentType_INT_MAX_SENTINEL_DO_NOT_US← E_	

6.1.1.10 EntryType

```
enum briar::EntryType
```

Enumerator

ENTRY_TYPE_UNKNOWN	
ENTRY_TYPE_SUBJECT	
ENTRY_TYPE_MEDIA	
EntryType_INT_MIN_SENTINEL_DO_NOT_USE_E_	
EntryType_INT_MAX_SENTINEL_DO_NOT_USE_E_	

6.1.1.11 ExtractFlags

```
enum briar::ExtractFlags
```

Enumerator

EXTRACT_FULL_IMAGE	
EXTRACT_AUTO_DETECTION	
EXTRACT_PROVIDED_DETECTION	
ExtractFlags_INT_MIN_SENTINEL_DO_NOT_USE_E_	
ExtractFlags_INT_MAX_SENTINEL_DO_NOT_USE_E_	

6.1.1.12 FeatureVectorType

```
enum briar::FeatureVectorType
```

Enumerator

BriarInt8	
BriarInt16	
BriarInt32	
BriarInt64	
BriarUInt8	
BriarUInt16	
BriarUInt32	
BriarUInt64	
BriarFloat	
BriarDouble	
FeatureVectorType_INT_MIN_SENTINEL_DO_NOT_USE_E_	
FeatureVectorType_INT_MAX_SENTINEL_DO_NOT_USE_E_	

6.1.1.13 MediaType

```
enum briar::MediaType
```

Enumerator

MEDIA_IMAGE	
MEDIA_VIDEO	
MediaType_INT_MIN_SENTINEL_DO_NOT_USE_E_	
MediaType_INT_MAX_SENTINEL_DO_NOT_USE_E_	

6.1.1.14 SearchFlags

```
enum briar::SearchFlags
```

Enumerator

SEARCH_FULL_IMAGE	
SEARCH_AUTO_DETECTION	
SEARCH_PROVIDED_DETECTIONS	
SEARCH_PROVIDED_TEMPLATES	
SearchFlags_INT_MIN_SENTINEL_DO_NOT_USE_E_	
SearchFlags_INT_MAX_SENTINEL_DO_NOT_USE_E_	

6.1.1.15 VerifyFlags

```
enum briar::VerifyFlags
```

Enumerator

VERIFY_FULL_IMAGE	
VERIFY_PROVIDED_DETECTIONS	
VERIFY_PROVIDED_TEMPLATES	
VerifyFlags_INT_MIN_SENTINEL_DO_NOT_USE_E_	
VerifyFlags_INT_MAX_SENTINEL_DO_NOT_USE_E_	

6.1.2 Function Documentation

6.1.2.1 `BatchPolicy_descriptor()`

```
const ::google::protobuf::EnumDescriptor * briar::BatchPolicy_descriptor ( )
```

6.1.2.2 `BatchPolicy_IsValid()`

```
bool briar::BatchPolicy_IsValid (  
    int value )
```

6.1.2.3 `BatchPolicy_Name()`

```
const ::std::string& briar::BatchPolicy_Name (   
    BatchPolicy value ) [inline]
```

6.1.2.4 `BatchPolicy_Parse()`

```
bool briar::BatchPolicy_Parse (   
    const ::std::string & name,  
    BatchPolicy * value ) [inline]
```

6.1.2.5 `BiometricModality_descriptor()`

```
const ::google::protobuf::EnumDescriptor * briar::BiometricModality_descriptor ( )
```

6.1.2.6 `BiometricModality_IsValid()`

```
bool briar::BiometricModality_IsValid (   
    int value )
```

6.1.2.7 BiometricModality_Name()

```
const ::std::string& briar::BiometricModality_Name (
    BiometricModality value ) [inline]
```

6.1.2.8 BiometricModality_Parse()

```
bool briar::BiometricModality_Parse (
    const ::std::string & name,
    BiometricModality * value ) [inline]
```

6.1.2.9 BriarDataType_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::BriarDataType_descriptor ( )
```

6.1.2.10 BriarDataType_IsValid()

```
bool briar::BriarDataType_IsValid (
    int value )
```

6.1.2.11 BriarDataType_Name()

```
const ::std::string& briar::BriarDataType_Name (
    BriarDataType value ) [inline]
```

6.1.2.12 BriarDataType_Parse()

```
bool briar::BriarDataType_Parse (
    const ::std::string & name,
    BriarDataType * value ) [inline]
```

6.1.2.13 BriarError_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::BriarError_descriptor ( )
```

6.1.2.14 BriarError_IsValid()

```
bool briar::BriarError_IsValid (
    int value )
```

6.1.2.15 BriarError_Name()

```
const ::std::string& briar::BriarError_Name (
    BriarError value ) [inline]
```

6.1.2.16 BriarError_Parse()

```
bool briar::BriarError_Parse (
    const ::std::string & name,
    BriarError * value ) [inline]
```

6.1.2.17 BriarMedia_DataType_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::BriarMedia_DataType_descriptor ( )
```

6.1.2.18 BriarMedia_DataType_IsValid()

```
bool briar::BriarMedia_DataType_IsValid (
    int value )
```

6.1.2.19 BriarMedia_DataType_Name()

```
const ::std::string& briar::BriarMedia_DataType_Name (
    BriarMedia_DataType value ) [inline]
```

6.1.2.20 BriarMedia_DataType_Parse()

```
bool briar::BriarMedia_DataType_Parse (
    const ::std::string & name,
    BriarMedia_DataType * value ) [inline]
```

6.1.2.21 BriarServiceStatus_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::BriarServiceStatus_descriptor ( )
```

6.1.2.22 BriarServiceStatus_IsValid()

```
bool briar::BriarServiceStatus_IsValid ( int value )
```

6.1.2.23 BriarServiceStatus_Name()

```
const ::std::string& briar::BriarServiceStatus_Name ( BriarServiceStatus value ) [inline]
```

6.1.2.24 BriarServiceStatus_Parse()

```
bool briar::BriarServiceStatus_Parse ( const ::std::string & name, BriarServiceStatus * value ) [inline]
```

6.1.2.25 DetectionPolicy_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::DetectionPolicy_descriptor ( )
```

6.1.2.26 DetectionPolicy_IsValid()

```
bool briar::DetectionPolicy_IsValid ( int value )
```

6.1.2.27 DetectionPolicy_Name()

```
const ::std::string& briar::DetectionPolicy_Name ( DetectionPolicy value ) [inline]
```

6.1.2.28 DetectionPolicy_Parse()

```
bool briar::DetectionPolicy_Parse (
    const ::std::string & name,
    DetectionPolicy * value ) [inline]
```

6.1.2.29 EnrollFlags_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::EnrollFlags_descriptor ( )
```

6.1.2.30 EnrollFlags_IsValid()

```
bool briar::EnrollFlags_IsValid (
    int value )
```

6.1.2.31 EnrollFlags_Name()

```
const ::std::string& briar::EnrollFlags_Name (
    EnrollFlags value ) [inline]
```

6.1.2.32 EnrollFlags_Parse()

```
bool briar::EnrollFlags_Parse (
    const ::std::string & name,
    EnrollFlags * value ) [inline]
```

6.1.2.33 EnrollmentType_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::EnrollmentType_descriptor ( )
```

6.1.2.34 EnrollmentType_IsValid()

```
bool briar::EnrollmentType_IsValid (
    int value )
```

6.1.2.35 EnrollmentType_Name()

```
const ::std::string& briar::EnrollmentType_Name (
    EnrollmentType value ) [inline]
```

6.1.2.36 EnrollmentType_Parse()

```
bool briar::EnrollmentType_Parse (
    const ::std::string & name,
    EnrollmentType * value ) [inline]
```

6.1.2.37 EntryType_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::EntryType_descriptor ( )
```

6.1.2.38 EntryType_IsValid()

```
bool briar::EntryType_IsValid (
    int value )
```

6.1.2.39 EntryType_Name()

```
const ::std::string& briar::EntryType_Name (
    EntryType value ) [inline]
```

6.1.2.40 EntryType_Parse()

```
bool briar::EntryType_Parse (
    const ::std::string & name,
    EntryType * value ) [inline]
```

6.1.2.41 ExtractFlags_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::ExtractFlags_descriptor ( )
```

6.1.2.42 ExtractFlags_IsValid()

```
bool briar::ExtractFlags_IsValid (
    int value )
```

6.1.2.43 ExtractFlags_Name()

```
const ::std::string& briar::ExtractFlags_Name (
    ExtractFlags value ) [inline]
```

6.1.2.44 ExtractFlags_Parse()

```
bool briar::ExtractFlags_Parse (
    const ::std::string & name,
    ExtractFlags * value ) [inline]
```

6.1.2.45 FeatureVectorType_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::FeatureVectorType_descriptor ( )
```

6.1.2.46 FeatureVectorType_IsValid()

```
bool briar::FeatureVectorType_IsValid (
    int value )
```

6.1.2.47 FeatureVectorType_Name()

```
const ::std::string& briar::FeatureVectorType_Name (
    FeatureVectorType value ) [inline]
```

6.1.2.48 FeatureVectorType_Parse()

```
bool briar::FeatureVectorType_Parse (
    const ::std::string & name,
    FeatureVectorType * value ) [inline]
```

6.1.2.49 MediaType_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::MediaType_descriptor ( )
```

6.1.2.50 MediaType_IsValid()

```
bool briar::MediaType_IsValid (  
    int value )
```

6.1.2.51 MediaType_Name()

```
const ::std::string& briar::MediaType_Name (  
    MediaType value ) [inline]
```

6.1.2.52 MediaType_Parse()

```
bool briar::MediaType_Parse (  
    const ::std::string & name,  
    MediaType * value ) [inline]
```

6.1.2.53 SearchFlags_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::SearchFlags_descriptor ( )
```

6.1.2.54 SearchFlags_IsValid()

```
bool briar::SearchFlags_IsValid (  
    int value )
```

6.1.2.55 SearchFlags_Name()

```
const ::std::string& briar::SearchFlags_Name (   
    SearchFlags value ) [inline]
```

6.1.2.56 SearchFlags_Parse()

```
bool briar::SearchFlags_Parse (
    const ::std::string & name,
    SearchFlags * value ) [inline]
```

6.1.2.57 VerifyFlags_descriptor()

```
const ::google::protobuf::EnumDescriptor * briar::VerifyFlags_descriptor ( )
```

6.1.2.58 VerifyFlags_IsValid()

```
bool briar::VerifyFlags_IsValid (
    int value )
```

6.1.2.59 VerifyFlags_Name()

```
const ::std::string& briar::VerifyFlags_Name (
    VerifyFlags value ) [inline]
```

6.1.2.60 VerifyFlags_Parse()

```
bool briar::VerifyFlags_Parse (
    const ::std::string & name,
    VerifyFlags * value ) [inline]
```

6.1.3 Variable Documentation

6.1.3.1 _AccessRecord_default_instance_

```
AccessRecordDefaultTypeInternal briar::_AccessRecord_default_instance_
```

6.1.3.2 APIVersion_default_instance_

```
APIVersionDefaultTypeInternal briar::APIVersion_default_instance_
```

6.1.3.3 Attribute_default_instance_

```
AttributeDefaultTypeInternal briar::Attribute_default_instance_
```

6.1.3.4 BoolOption_default_instance_

```
BoolOptionDefaultTypeInternal briar::BoolOption_default_instance_
```

6.1.3.5 BriarDatabase_default_instance_

```
BriarDatabaseDefaultTypeInternal briar::BriarDatabase_default_instance_
```

6.1.3.6 BriarDatabaseInfo_default_instance_

```
BriarDatabaseInfoDefaultTypeInternal briar::BriarDatabaseInfo_default_instance_
```

6.1.3.7 BriarDuration_default_instance_

```
BriarDurationDefaultTypeInternal briar::BriarDuration_default_instance_
```

6.1.3.8 BriarDurations_default_instance_

```
BriarDurationsDefaultTypeInternal briar::BriarDurations_default_instance_
```

6.1.3.9 BriarDurations_SubDurationsEntry_DoNotUse_default_instance_

```
BriarDurations_SubDurationsEntry_DoNotUseDefaultTypeInternal briar::BriarDurations_Sub←
DurationsEntry_DoNotUse_default_instance_
```

6.1.3.10 BriarDurationsList_default_instance_

```
BriarDurationsListDefaultTypeInternal briar::_BriarDurationsList_default_instance_
```

6.1.3.11 BriarErrorMessage_default_instance_

```
BriarErrorMessageDefaultTypeInternal briar::_BriarErrorMessage_default_instance_
```

6.1.3.12 BriarErrors_default_instance_

```
BriarErrorsDefaultTypeInternal briar::_BriarErrors_default_instance_
```

6.1.3.13 BriarGalleryInfo_default_instance_

```
BriarGalleryInfoDefaultTypeInternal briar::_BriarGalleryInfo_default_instance_
```

6.1.3.14 BriarGalleryList_default_instance_

```
BriarGalleryListDefaultTypeInternal briar::_BriarGalleryList_default_instance_
```

6.1.3.15 BriarMatrix_default_instance_

```
BriarMatrixDefaultTypeInternal briar::_BriarMatrix_default_instance_
```

6.1.3.16 BriarMedia_default_instance_

```
BriarMediaDefaultTypeInternal briar::_BriarMedia_default_instance_
```

6.1.3.17 BriarPoint2D_default_instance_

```
BriarPoint2DDefaultTypeInternal briar::_BriarPoint2D_default_instance_
```

6.1.3.18 BriarProgress_default_instance_

```
BriarProgressDefaultTypeInternal briar::_BriarProgress_default_instance_
```

6.1.3.19 BriarRect_default_instance_

```
BriarRectDefaultTypeInternal briar::_BriarRect_default_instance_
```

6.1.3.20 BriarTrack_default_instance_

```
BriarTrackDefaultTypeInternal briar::_BriarTrack_default_instance_
```

6.1.3.21 BriarVector_default_instance_

```
BriarVectorDefaultTypeInternal briar::_BriarVector_default_instance_
```

6.1.3.22 ClusterConfidence_default_instance_

```
ClusterConfidenceDefaultTypeInternal briar::_ClusterConfidence_default_instance_
```

6.1.3.23 ClusterIds_default_instance_

```
ClusterIdsDefaultTypeInternal briar::_ClusterIds_default_instance_
```

6.1.3.24 ClusterReply_default_instance_

```
ClusterReplyDefaultTypeInternal briar::_ClusterReply_default_instance_
```

6.1.3.25 ClusterRequest_default_instance_

```
ClusterRequestDefaultTypeInternal briar::_ClusterRequest_default_instance_
```

6.1.3.26 [_DatabaseCreateReply_default_instance_](#)

```
DatabaseCreateReplyDefaultTypeInternal briar::_DatabaseCreateReply_default_instance_
```

6.1.3.27 [_DatabaseCreateRequest_default_instance_](#)

```
DatabaseCreateRequestDefaultTypeInternal briar::_DatabaseCreateRequest_default_instance_
```

6.1.3.28 [_DatabaseDeleteReply_default_instance_](#)

```
DatabaseDeleteReplyDefaultTypeInternal briar::_DatabaseDeleteReply_default_instance_
```

6.1.3.29 [_DatabaseDeleteRequest_default_instance_](#)

```
DatabaseDeleteRequestDefaultTypeInternal briar::_DatabaseDeleteRequest_default_instance_
```

6.1.3.30 [_DatabaseFinalizeReply_default_instance_](#)

```
DatabaseFinalizeReplyDefaultTypeInternal briar::_DatabaseFinalizeReply_default_instance_
```

6.1.3.31 [_DatabaseFinalizeRequest_default_instance_](#)

```
DatabaseFinalizeRequestDefaultTypeInternal briar::_DatabaseFinalizeRequest_default_instance_
```

6.1.3.32 [_DatabaseInfoReply_default_instance_](#)

```
DatabaseInfoReplyDefaultTypeInternal briar::_DatabaseInfoReply_default_instance_
```

6.1.3.33 [_DatabaseInfoRequest_default_instance_](#)

```
DatabaseInfoRequestDefaultTypeInternal briar::_DatabaseInfoRequest_default_instance_
```

6.1.3.34 DatabaseInsertReply_default_instance_

```
DatabaseInsertReplyDefaultTypeInternal briar::DatabaseInsertReply_default_instance_
```

6.1.3.35 DatabaseInsertRequest_default_instance_

```
DatabaseInsertRequestDefaultTypeInternal briar::DatabaseInsertRequest_default_instance_
```

6.1.3.36 DatabaseListentriesReply_default_instance_

```
DatabaseListentriesReplyDefaultTypeInternal briar::DatabaseListentriesReply_default_instance_
```

6.1.3.37 DatabaseListEntriesRequest_default_instance_

```
DatabaseListEntriesRequestDefaultTypeInternal briar::DatabaseListEntriesRequest_default_instance_
```

6.1.3.38 DatabaseListReply_default_instance_

```
DatabaseListReplyDefaultTypeInternal briar::DatabaseListReply_default_instance_
```

6.1.3.39 DatabaseListRequest_default_instance_

```
DatabaseListRequestDefaultTypeInternal briar::DatabaseListRequest_default_instance_
```

6.1.3.40 DatabaseLoadReply_default_instance_

```
DatabaseLoadReplyDefaultTypeInternal briar::DatabaseLoadReply_default_instance_
```

6.1.3.41 **_DatabaseLoadRequest_default_instance_**

```
DatabaseLoadRequestDefaultTypeInternal briar::_DatabaseLoadRequest_default_instance_
```

6.1.3.42 **_DatabaseMergeReply_default_instance_**

```
DatabaseMergeReplyDefaultTypeInternal briar::_DatabaseMergeReply_default_instance_
```

6.1.3.43 **_DatabaseMergeRequest_default_instance_**

```
DatabaseMergeRequestDefaultTypeInternal briar::_DatabaseMergeRequest_default_instance_
```

6.1.3.44 **_DatabaseRemoveTmplsReply_default_instance_**

```
DatabaseRemoveTmplsReplyDefaultTypeInternal briar::_DatabaseRemoveTmplsReply_default_instance_
```

6.1.3.45 **_DatabaseRemoveTmplsRequest_default_instance_**

```
DatabaseRemoveTmplsRequestDefaultTypeInternal briar::_DatabaseRemoveTmplsRequest_default_instance_
```

6.1.3.46 **_DatabaseRenameReply_default_instance_**

```
DatabaseRenameReplyDefaultTypeInternal briar::_DatabaseRenameReply_default_instance_
```

6.1.3.47 **_DatabaseRenameRequest_default_instance_**

```
DatabaseRenameRequestDefaultTypeInternal briar::_DatabaseRenameRequest_default_instance_
```

6.1.3.48 DatabaseRetrieveReply_default_instance_

```
DatabaseRetrieveReplyDefaultTypeInternal briar::DatabaseRetrieveReply_default_instance_
```

6.1.3.49 DatabaseRetrieveRequest_default_instance_

```
DatabaseRetrieveRequestDefaultTypeInternal briar::DatabaseRetrieveRequest_default_instance_
```

6.1.3.50 Detection_default_instance_

```
DetectionDefaultTypeInternal briar::Detection_default_instance_
```

6.1.3.51 DetectionOptions_default_instance_

```
DetectionOptionsDefaultTypeInternal briar::DetectionOptions_default_instance_
```

6.1.3.52 DetectReply_default_instance_

```
DetectReplyDefaultTypeInternal briar::DetectReply_default_instance_
```

6.1.3.53 DetectRequest_default_instance_

```
DetectRequestDefaultTypeInternal briar::DetectRequest_default_instance_
```

6.1.3.54 Empty_default_instance_

```
EmptyDefaultTypeInternal briar::Empty_default_instance_
```

6.1.3.55 EnhanceOptions_default_instance_

```
EnhanceOptionsDefaultTypeInternal briar::EnhanceOptions_default_instance_
```

6.1.3.56 `_EnhanceReply_default_instance_`

```
EnhanceReplyDefaultTypeInternal briar::_EnhanceReply_default_instance_
```

6.1.3.57 `_EnhanceRequest_default_instance_`

```
EnhanceRequestDefaultTypeInternal briar::_EnhanceRequest_default_instance_
```

6.1.3.58 `_EnrollmentInfo_default_instance_`

```
EnrollmentInfoDefaultTypeInternal briar::_EnrollmentInfo_default_instance_
```

6.1.3.59 `_EnrollOptions_default_instance_`

```
EnrollOptionsDefaultTypeInternal briar::_EnrollOptions_default_instance_
```

6.1.3.60 `_EnrollReply_default_instance_`

```
EnrollReplyDefaultTypeInternal briar::_EnrollReply_default_instance_
```

6.1.3.61 `_EnrollRequest_default_instance_`

```
EnrollRequestDefaultTypeInternal briar::_EnrollRequest_default_instance_
```

6.1.3.62 `_EvalConfig_default_instance_`

```
EvalConfigDefaultTypeInternal briar::_EvalConfig_default_instance_
```

6.1.3.63 `_ExtractOptions_default_instance_`

```
ExtractOptionsDefaultTypeInternal briar::_ExtractOptions_default_instance_
```

6.1.3.64 _ExtractReply_default_instance_

```
ExtractReplyDefaultTypeInternal briar::_ExtractReply_default_instance_
```

6.1.3.65 _ExtractRequest_default_instance_

```
ExtractRequestDefaultTypeInternal briar::_ExtractRequest_default_instance_
```

6.1.3.66 _FloatOption_default_instance_

```
FloatOptionDefaultTypeInternal briar::_FloatOption_default_instance_
```

6.1.3.67 _FrameMetadata_default_instance_

```
FrameMetadataDefaultTypeInternal briar::_FrameMetadata_default_instance_
```

6.1.3.68 _ImageDetectionList_default_instance_

```
ImageDetectionListDefaultTypeInternal briar::_ImageDetectionList_default_instance_
```

6.1.3.69 _ImageDetectionListGroup_default_instance_

```
ImageDetectionListGroupDefaultTypeInternal briar::_ImageDetectionListGroup_default_instance_
```

6.1.3.70 _IntOption_default_instance_

```
IntOptionDefaultTypeInternal briar::_IntOption_default_instance_
```

6.1.3.71 _MatchInfo_default_instance_

```
MatchInfoDefaultTypeInternal briar::_MatchInfo_default_instance_
```

6.1.3.72 **_MatchList_default_instance_**

```
MatchListDefaultTypeInternal briar::_MatchList_default_instance_
```

6.1.3.73 **_MediaMetadata_default_instance_**

```
MediaMetadataDefaultTypeInternal briar::_MediaMetadata_default_instance_
```

6.1.3.74 **_Record_default_instance_**

```
RecordDefaultTypeInternal briar::_Record_default_instance_
```

6.1.3.75 **_RecordList_default_instance_**

```
RecordListDefaultTypeInternal briar::_RecordList_default_instance_
```

6.1.3.76 **_SearchOptions_default_instance_**

```
SearchOptionsDefaultTypeInternal briar::_SearchOptions_default_instance_
```

6.1.3.77 **_SearchReply_default_instance_**

```
SearchReplyDefaultTypeInternal briar::_SearchReply_default_instance_
```

6.1.3.78 **_SearchRequest_default_instance_**

```
SearchRequestDefaultTypeInternal briar::_SearchRequest_default_instance_
```

6.1.3.79 **_StatusReply_default_instance_**

```
StatusReplyDefaultTypeInternal briar::_StatusReply_default_instance_
```

6.1.3.80 StatusRequest_default_instance_

```
StatusRequestDefaultTypeInternal briar::StatusRequest_default_instance_
```

6.1.3.81 StringOption_default_instance_

```
StringOptionDefaultTypeInternal briar::StringOption_default_instance_
```

6.1.3.82 Template_default_instance_

```
TemplateDefaultTypeInternal briar::Template_default_instance_
```

6.1.3.83 TemplateIds_default_instance_

```
TemplateIdsDefaultTypeInternal briar::TemplateIds_default_instance_
```

6.1.3.84 TemplateImageInput_default_instance_

```
TemplateImageInputDefaultTypeInternal briar::TemplateImageInput_default_instance_
```

6.1.3.85 TemplateList_default_instance_

```
TemplateListDefaultTypeInternal briar::TemplateList_default_instance_
```

6.1.3.86 TemplateListGroup_default_instance_

```
TemplateListGroupDefaultTypeInternal briar::TemplateListGroup_default_instance_
```

6.1.3.87 TrackingOptions_default_instance_

```
TrackingOptionsDefaultTypeInternal briar::TrackingOptions_default_instance_
```

6.1.3.88 Tracklet_default_instance_

```
TrackletDefaultTypeInternal briar::Tracklet_default_instance_
```

6.1.3.89 TrackReply_default_instance_

```
TrackReplyDefaultTypeInternal briar::TrackReply_default_instance_
```

6.1.3.90 TrackRequest_default_instance_

```
TrackRequestDefaultTypeInternal briar::TrackRequest_default_instance_
```

6.1.3.91 VerifyReply_default_instance_

```
VerifyReplyDefaultTypeInternal briar::VerifyReply_default_instance_
```

6.1.3.92 VerifyRequest_default_instance_

```
VerifyRequestDefaultTypeInternal briar::VerifyRequest_default_instance_
```

6.1.3.93 **BatchPolicy_ARRAYSIZE**

```
const int briar::BatchPolicy_ARRAYSIZE = BatchPolicy_MAX + 1
```

6.1.3.94 **BatchPolicy_MAX**

```
const BatchPolicy briar::BatchPolicy_MAX = FlagAndFinish
```

6.1.3.95 **BatchPolicy_MIN**

```
const BatchPolicy briar::BatchPolicy_MIN = AbortEarly
```

6.1.3.96 BiometricModality_ARRAYSIZE

```
const int briar::BiometricModality_ARRAYSIZE = BiometricModality_MAX + 1
```

6.1.3.97 BiometricModality_MAX

```
const BiometricModality briar::BiometricModality_MAX = GAIT
```

6.1.3.98 BiometricModality_MIN

```
const BiometricModality briar::BiometricModality_MIN = UNSPECIFIED
```

6.1.3.99 BriarDataType_ARRAYSIZE

```
const int briar::BriarDataType_ARRAYSIZE = BriarDataType_MAX + 1
```

6.1.3.100 BriarDataType_MAX

```
const BriarDataType briar::BriarDataType_MAX = JSON
```

6.1.3.101 BriarDataType_MIN

```
const BriarDataType briar::BriarDataType_MIN = EMPTY
```

6.1.3.102 BriarError_ARRAYSIZE

```
const int briar::BriarError_ARRAYSIZE = BriarError_MAX + 1
```

6.1.3.103 BriarError_MAX

```
const BriarError briar::BriarError_MAX = BRIAR_NUM_ERRORS
```

6.1.3.104 BriarError_MIN

```
const BriarError briar::BriarError_MIN = BRIAR_SUCCESS
```

6.1.3.105 BriarMedia_DataType_DataType_ARRAYSIZE

```
const int briar::BriarMedia_DataType_DataType_ARRAYSIZE = BriarMedia_DataType_DataType_MAX + 1
```

6.1.3.106 BriarMedia_DataType_DataType_MAX

```
const BriarMedia_DataType briar::BriarMedia_DataType_DataType_MAX = BriarMedia_DataType_SOURCE_ONLY
```

6.1.3.107 BriarMedia_DataType_DataType_MIN

```
const BriarMedia_DataType briar::BriarMedia_DataType_DataType_MIN = BriarMedia_DataType_UINT8
```

6.1.3.108 BriarServiceStatus_ARRAYSIZE

```
const int briar::BriarServiceStatus_ARRAYSIZE = BriarServiceStatus_MAX + 1
```

6.1.3.109 BriarServiceStatus_MAX

```
const BriarServiceStatus briar::BriarServiceStatus_MAX = BUSY
```

6.1.3.110 BriarServiceStatus_MIN

```
const BriarServiceStatus briar::BriarServiceStatus_MIN = UNKNOWN
```

6.1.3.111 DetectionPolicy_ARRAYSIZE

```
const int briar::DetectionPolicy_ARRAYSIZE = DetectionPolicy_MAX + 1
```

6.1.3.112 DetectionPolicy_MAX

```
const DetectionPolicy briar::DetectionPolicy_MAX = DetectBest
```

6.1.3.113 DetectionPolicy_MIN

```
const DetectionPolicy briar::DetectionPolicy_MIN = DetectAll
```

6.1.3.114 EnrollFlags_ARRAYSIZE

```
const int briar::EnrollFlags_ARRAYSIZE = EnrollFlags_MAX + 1
```

6.1.3.115 EnrollFlags_MAX

```
const EnrollFlags briar::EnrollFlags_MAX = ENROLL_PROVIDED_TEMPLATE
```

6.1.3.116 EnrollFlags_MIN

```
const EnrollFlags briar::EnrollFlags_MIN = ENROLL_FULL_IMAGE
```

6.1.3.117 EnrollmentType_ARRAYSIZE

```
const int briar::EnrollmentType_ARRAYSIZE = EnrollmentType_MAX + 1
```

6.1.3.118 EnrollmentType_MAX

```
const EnrollmentType briar::EnrollmentType_MAX = Cluster
```

6.1.3.119 EnrollmentType_MIN

```
const EnrollmentType briar::EnrollmentType_MIN = _11Reference
```

6.1.3.120 EntryType_ARRAYSIZE

```
const int briar::EntryType_ARRAYSIZE = EntryType_MAX + 1
```

6.1.3.121 EntryType_MAX

```
const EntryType briar::EntryType_MAX = ENTRY_TYPE_MEDIA
```

6.1.3.122 EntryType_MIN

```
const EntryType briar::EntryType_MIN = ENTRY_TYPE_UNKNOWN
```

6.1.3.123 ExtractFlags_ARRAYSIZE

```
const int briar::ExtractFlags_ARRAYSIZE = ExtractFlags_MAX + 1
```

6.1.3.124 ExtractFlags_MAX

```
const ExtractFlags briar::ExtractFlags_MAX = EXTRACT_PROVIDED_DETECTION
```

6.1.3.125 ExtractFlags_MIN

```
const ExtractFlags briar::ExtractFlags_MIN = EXTRACT_FULL_IMAGE
```

6.1.3.126 FeatureVectorType_ARRAYSIZE

```
const int briar::FeatureVectorType_ARRAYSIZE = FeatureVectorType_MAX + 1
```

6.1.3.127 FeatureVectorType_MAX

```
const FeatureVectorType briar::FeatureVectorType_MAX = BriarDouble
```

6.1.3.128 FeatureVectorType_MIN

```
const FeatureVectorType briar::FeatureVectorType_MIN = BriarInt8
```

6.1.3.129 MediaType_ARRAYSIZE

```
const int briar::MediaType_ARRAYSIZE = MediaType_MAX + 1
```

6.1.3.130 MediaType_MAX

```
const MediaType briar::MediaType_MAX = MEDIA_VIDEO
```

6.1.3.131 MediaType_MIN

```
const MediaType briar::MediaType_MIN = MEDIA_IMAGE
```

6.1.3.132 SearchFlags_ARRAYSIZE

```
const int briar::SearchFlags_ARRAYSIZE = SearchFlags_MAX + 1
```

6.1.3.133 SearchFlags_MAX

```
const SearchFlags briar::SearchFlags_MAX = SEARCH_PROVIDED_TEMPLATES
```

6.1.3.134 SearchFlags_MIN

```
const SearchFlags briar::SearchFlags_MIN = SEARCH_FULL_IMAGE
```

6.1.3.135 VerifyFlags_ARRAYSIZE

```
const int briar::VerifyFlags_ARRAYSIZE = VerifyFlags_MAX + 1
```

6.1.3.136 VerifyFlags_MAX

```
const VerifyFlags briar::VerifyFlags_MAX = VERIFY_PROVIDED_TEMPLATES
```

6.1.3.137 VerifyFlags_MIN

```
const VerifyFlags briar::VerifyFlags_MIN = VERIFY_FULL_IMAGE
```

6.2 google Namespace Reference

Namespaces

- [protobuf](#)

6.3 google::protobuf Namespace Reference

Classes

- struct [is_proto_enum< ::briar::BatchPolicy >](#)
- struct [is_proto_enum< ::briar::BiometricModality >](#)
- struct [is_proto_enum< ::briar::BriarDataType >](#)
- struct [is_proto_enum< ::briar::BriarError >](#)
- struct [is_proto_enum< ::briar::BriarMedia_DataType >](#)
- struct [is_proto_enum< ::briar::BriarServiceStatus >](#)
- struct [is_proto_enum< ::briar::DetectionPolicy >](#)
- struct [is_proto_enum< ::briar::EnrollFlags >](#)
- struct [is_proto_enum< ::briar::EnrollmentType >](#)
- struct [is_proto_enum< ::briar::EntryType >](#)
- struct [is_proto_enum< ::briar::ExtractFlags >](#)
- struct [is_proto_enum< ::briar::FeatureVectorType >](#)
- struct [is_proto_enum< ::briar::MediaType >](#)
- struct [is_proto_enum< ::briar::SearchFlags >](#)
- struct [is_proto_enum< ::briar::VerifyFlags >](#)

Functions

- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::AccessRecord * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::APIVersion * Arena::CreateMaybeMessage< ::briar::APIVersion *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Attribute * Arena::CreateMaybeMessage< ::briar::Attribute *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BoolOption * Arena::CreateMaybeMessage< ::briar::BoolOption *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDatabase * Arena::CreateMaybeMessage< ::briar::BriarDatabase *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDatabaseInfo * Arena::CreateMaybeMessage< ::briar::BriarDatabaseInfo *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDuration * Arena::CreateMaybeMessage< ::briar::BriarDuration *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDurations * Arena::CreateMaybeMessage< ::briar::BriarDurations *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDurations_SubDurationsEntry_DoNotUse * Arena::CreateMaybeMessage< ::briar::BriarDurations_SubDurationsEntry_DoNotUse > (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDurationsList * Arena::CreateMaybeMessage< ::briar::BriarDurationsList *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarErrorMessage * Arena::CreateMaybeMessage< ::briar::BriarErrorMessage *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarErrors * Arena::CreateMaybeMessage< ::briar::BriarErrors *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarGalleryInfo * Arena::CreateMaybeMessage< ::briar::BriarGalleryInfo *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarGalleryList * Arena::CreateMaybeMessage< ::briar::BriarGalleryList *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarMatrix * Arena::CreateMaybeMessage< ::briar::BriarMatrix *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarMedia * Arena::CreateMaybeMessage< ::briar::BriarMedia *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarPoint2D * Arena::CreateMaybeMessage< ::briar::BriarPoint2D *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarProgress * Arena::CreateMaybeMessage< ::briar::BriarProgress *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarRect * Arena::CreateMaybeMessage< ::briar::BriarRect *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarTrack * Arena::CreateMaybeMessage< ::briar::BriarTrack *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarVector * Arena::CreateMaybeMessage< ::briar::BriarVector *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterConfidence * Arena::CreateMaybeMessage< ::briar::ClusterConfidence *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterIds * Arena::CreateMaybeMessage< ::briar::ClusterIds *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterReply * Arena::CreateMaybeMessage< ::briar::ClusterReply *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterRequest * Arena::CreateMaybeMessage< ::briar::ClusterRequest *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseCreateReply * Arena::CreateMaybeMessage< ::briar::DatabaseCreateReply *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseCreateRequest * Arena::CreateMaybeMessage< ::briar::DatabaseCreateRequest *arena>

- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseDeleteReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseDeleteRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseFinalizeReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseFinalizeRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInfoReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInfoRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInsertReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInsertRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseListEntriesReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseListEntriesRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseListReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseListRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseLoadReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseLoadRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseMergeReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseMergeRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRemoveTmplsReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRemoveTmplsRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRenameReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRenameRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRetrieveReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRetrieveRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Detection * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DetectionOptions * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DetectReply * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DetectRequest * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Empty * Arena::CreateMaybeMessage< (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnhanceOptions * Arena::CreateMaybeMessage< (Arena *arena)

- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnhanceReply * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnhanceRequest * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollmentInfo * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollOptions * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollReply * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollRequest * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EvalConfig * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ExtractOptions * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ExtractReply * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ExtractRequest * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::FloatOption * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::FrameMetadata * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ImageDetectionList * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ImageDetectionListGroup * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::IntOption * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::MatchInfo * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::MatchList * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::MediaMetadata * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Record * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::RecordList * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::SearchOptions * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::SearchReply * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::SearchRequest * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::StatusReply * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::StatusRequest * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::StringOption * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Template * Arena::CreateMaybeMessage< ::briar::Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateIds * Arena::CreateMaybeMessage< ::briar::Arena *arena>

- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateImageInput * Arena::CreateMaybeMessage< ::briar::TemplateImageInput> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateList * Arena::CreateMaybeMessage< ::briar::TemplateList> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateListGroup * Arena::CreateMaybeMessage< ::briar::TemplateListGroup> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TrackingOptions * Arena::CreateMaybeMessage< ::briar::TrackingOptions> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Tracklet * Arena::CreateMaybeMessage< ::briar::Tracklet> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TrackReply * Arena::CreateMaybeMessage< ::briar::TrackReply> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TrackRequest * Arena::CreateMaybeMessage< ::briar::TrackRequest> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::VerifyReply * Arena::CreateMaybeMessage< ::briar::VerifyReply> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::VerifyRequest * Arena::CreateMaybeMessage< ::briar::VerifyRequest> (Arena *arena)
- template<> ::briar::AccessRecord * Arena::CreateMaybeMessage< ::briar::AccessRecord> (Arena *)
- template<> ::briar::APIVersion * Arena::CreateMaybeMessage< ::briar::APIVersion> (Arena *)
- template<> ::briar::Attribute * Arena::CreateMaybeMessage< ::briar::Attribute> (Arena *)
- template<> ::briar::BoolOption * Arena::CreateMaybeMessage< ::briar::BoolOption> (Arena *)
- template<> ::briar::BriarDatabase * Arena::CreateMaybeMessage< ::briar::BriarDatabase> (Arena *)
- template<> ::briar::BriarDatabaseInfo * Arena::CreateMaybeMessage< ::briar::BriarDatabaseInfo> (Arena *)
- template<> ::briar::BriarDuration * Arena::CreateMaybeMessage< ::briar::BriarDuration> (Arena *)
- template<> ::briar::BriarDurations * Arena::CreateMaybeMessage< ::briar::BriarDurations> (Arena *)
- template<> ::briar::BriarDurations_SubDurationsEntry_DoNotUse * Arena::CreateMaybeMessage< ::briar::BriarDurations_SubDurationsEntry_DoNotUse> (Arena *)
- template<> ::briar::BriarDurationsList * Arena::CreateMaybeMessage< ::briar::BriarDurationsList> (Arena *)
- template<> ::briar::BriarErrorMessage * Arena::CreateMaybeMessage< ::briar::BriarErrorMessage> (Arena *)
- template<> ::briar::BriarErrors * Arena::CreateMaybeMessage< ::briar::BriarErrors> (Arena *)
- template<> ::briar::BriarGalleryInfo * Arena::CreateMaybeMessage< ::briar::BriarGalleryInfo> (Arena *)
- template<> ::briar::BriarGalleryList * Arena::CreateMaybeMessage< ::briar::BriarGalleryList> (Arena *)
- template<> ::briar::BriarMatrix * Arena::CreateMaybeMessage< ::briar::BriarMatrix> (Arena *)
- template<> ::briar::BriarMedia * Arena::CreateMaybeMessage< ::briar::BriarMedia> (Arena *)
- template<> ::briar::BriarPoint2D * Arena::CreateMaybeMessage< ::briar::BriarPoint2D> (Arena *)
- template<> ::briar::BriarProgress * Arena::CreateMaybeMessage< ::briar::BriarProgress> (Arena *)
- template<> ::briar::BriarRect * Arena::CreateMaybeMessage< ::briar::BriarRect> (Arena *)
- template<> ::briar::BriarTrack * Arena::CreateMaybeMessage< ::briar::BriarTrack> (Arena *)
- template<> ::briar::BriarVector * Arena::CreateMaybeMessage< ::briar::BriarVector> (Arena *)
- template<> ::briar::ClusterConfidence * Arena::CreateMaybeMessage< ::briar::ClusterConfidence> (Arena *)
- template<> ::briar::ClusterIds * Arena::CreateMaybeMessage< ::briar::ClusterIds> (Arena *)
- template<> ::briar::ClusterReply * Arena::CreateMaybeMessage< ::briar::ClusterReply> (Arena *)
- template<> ::briar::ClusterRequest * Arena::CreateMaybeMessage< ::briar::ClusterRequest> (Arena *)
- template<> ::briar::DatabaseCreateReply * Arena::CreateMaybeMessage< ::briar::DatabaseCreateReply> (Arena *)
- template<> ::briar::DatabaseCreateRequest * Arena::CreateMaybeMessage< ::briar::DatabaseCreateRequest> (Arena *)
- template<> ::briar::DatabaseDeleteReply * Arena::CreateMaybeMessage< ::briar::DatabaseDeleteReply> (Arena *)
- template<> ::briar::DatabaseDeleteRequest * Arena::CreateMaybeMessage< ::briar::DatabaseDeleteRequest> (Arena *)

- template<> ::briar::DatabaseFinalizeReply * Arena::CreateMaybeMessage<::briar::DatabaseFinalizeReply > (Arena *)
- template<> ::briar::DatabaseFinalizeRequest * Arena::CreateMaybeMessage<::briar::DatabaseFinalizeRequest > (Arena *)
- template<> ::briar::DatabaseInfoReply * Arena::CreateMaybeMessage<::briar::DatabaseInfoReply > (Arena *)
- template<> ::briar::DatabaseInfoRequest * Arena::CreateMaybeMessage<::briar::DatabaseInfoRequest > (Arena *)
- template<> ::briar::DatabaseInsertReply * Arena::CreateMaybeMessage<::briar::DatabaseInsertReply > (Arena *)
- template<> ::briar::DatabaseInsertRequest * Arena::CreateMaybeMessage<::briar::DatabaseInsertRequest > (Arena *)
- template<> ::briar::DatabaseListentriesReply * Arena::CreateMaybeMessage<::briar::DatabaseListentriesReply > (Arena *)
- template<> ::briar::DatabaseListEntriesRequest * Arena::CreateMaybeMessage<::briar::DatabaseListEntriesRequest > (Arena *)
- template<> ::briar::DatabaseListReply * Arena::CreateMaybeMessage<::briar::DatabaseListReply > (Arena *)
- template<> ::briar::DatabaseListRequest * Arena::CreateMaybeMessage<::briar::DatabaseListRequest > (Arena *)
- template<> ::briar::DatabaseLoadReply * Arena::CreateMaybeMessage<::briar::DatabaseLoadReply > (Arena *)
- template<> ::briar::DatabaseLoadRequest * Arena::CreateMaybeMessage<::briar::DatabaseLoadRequest > (Arena *)
- template<> ::briar::DatabaseMergeReply * Arena::CreateMaybeMessage<::briar::DatabaseMergeReply > (Arena *)
- template<> ::briar::DatabaseMergeRequest * Arena::CreateMaybeMessage<::briar::DatabaseMergeRequest > (Arena *)
- template<> ::briar::DatabaseRemoveTmplsReply * Arena::CreateMaybeMessage<::briar::DatabaseRemoveTmplsReply > (Arena *)
- template<> ::briar::DatabaseRemoveTmplsRequest * Arena::CreateMaybeMessage<::briar::DatabaseRemoveTmplsRequest > (Arena *)
- template<> ::briar::DatabaseRenameReply * Arena::CreateMaybeMessage<::briar::DatabaseRenameReply > (Arena *)
- template<> ::briar::DatabaseRenameRequest * Arena::CreateMaybeMessage<::briar::DatabaseRenameRequest > (Arena *)
- template<> ::briar::DatabaseRetrieveReply * Arena::CreateMaybeMessage<::briar::DatabaseRetrieveReply > (Arena *)
- template<> ::briar::DatabaseRetrieveRequest * Arena::CreateMaybeMessage<::briar::DatabaseRetrieveRequest > (Arena *)
- template<> ::briar::Detection * Arena::CreateMaybeMessage<::briar::Detection > (Arena *)
- template<> ::briar::DetectionOptions * Arena::CreateMaybeMessage<::briar::DetectionOptions > (Arena *)
- template<> ::briar::DetectReply * Arena::CreateMaybeMessage<::briar::DetectReply > (Arena *)
- template<> ::briar::DetectRequest * Arena::CreateMaybeMessage<::briar::DetectRequest > (Arena *)
- template<> ::briar::Empty * Arena::CreateMaybeMessage<::briar::Empty > (Arena *)
- template<> ::briar::EnhanceOptions * Arena::CreateMaybeMessage<::briar::EnhanceOptions > (Arena *)
- template<> ::briar::EnhanceReply * Arena::CreateMaybeMessage<::briar::EnhanceReply > (Arena *)
- template<> ::briar::EnhanceRequest * Arena::CreateMaybeMessage<::briar::EnhanceRequest > (Arena *)
- template<> ::briar::EnrollmentInfo * Arena::CreateMaybeMessage<::briar::EnrollmentInfo > (Arena *)
- template<> ::briar::EnrollOptions * Arena::CreateMaybeMessage<::briar::EnrollOptions > (Arena *)
- template<> ::briar::EnrollReply * Arena::CreateMaybeMessage<::briar::EnrollReply > (Arena *)
- template<> ::briar::EnrollRequest * Arena::CreateMaybeMessage<::briar::EnrollRequest > (Arena *)
- template<> ::briar::EvalConfig * Arena::CreateMaybeMessage<::briar::EvalConfig > (Arena *)
- template<> ::briar::ExtractOptions * Arena::CreateMaybeMessage<::briar::ExtractOptions > (Arena *)

- template<> ::briar::ExtractReply * Arena::CreateMaybeMessage<::briar::ExtractReply > (Arena *)
- template<> ::briar::ExtractRequest * Arena::CreateMaybeMessage<::briar::ExtractRequest > (Arena *)
- template<> ::briar::FloatOption * Arena::CreateMaybeMessage<::briar::FloatOption > (Arena *)
- template<> ::briar::FrameMetadata * Arena::CreateMaybeMessage<::briar::FrameMetadata > (Arena *)
- template<> ::briar::ImageDetectionList * Arena::CreateMaybeMessage<::briar::ImageDetectionList > (Arena *)
- template<> ::briar::ImageDetectionListGroup * Arena::CreateMaybeMessage<::briar::ImageDetectionListGroup > (Arena *)
- template<> ::briar::IntOption * Arena::CreateMaybeMessage<::briar::IntOption > (Arena *)
- template<> ::briar::MatchInfo * Arena::CreateMaybeMessage<::briar::MatchInfo > (Arena *)
- template<> ::briar::MatchList * Arena::CreateMaybeMessage<::briar::MatchList > (Arena *)
- template<> ::briar::MediaMetadata * Arena::CreateMaybeMessage<::briar::MediaMetadata > (Arena *)
- template<> ::briar::Record * Arena::CreateMaybeMessage<::briar::Record > (Arena *)
- template<> ::briar::RecordList * Arena::CreateMaybeMessage<::briar::RecordList > (Arena *)
- template<> ::briar::SearchOptions * Arena::CreateMaybeMessage<::briar::SearchOptions > (Arena *)
- template<> ::briar::SearchReply * Arena::CreateMaybeMessage<::briar::SearchReply > (Arena *)
- template<> ::briar::SearchRequest * Arena::CreateMaybeMessage<::briar::SearchRequest > (Arena *)
- template<> ::briar::StatusReply * Arena::CreateMaybeMessage<::briar::StatusReply > (Arena *)
- template<> ::briar::StatusRequest * Arena::CreateMaybeMessage<::briar::StatusRequest > (Arena *)
- template<> ::briar::StringOption * Arena::CreateMaybeMessage<::briar::StringOption > (Arena *)
- template<> ::briar::Template * Arena::CreateMaybeMessage<::briar::Template > (Arena *)
- template<> ::briar::TemplateIds * Arena::CreateMaybeMessage<::briar::TemplateIds > (Arena *)
- template<> ::briar::TemplateImageInput * Arena::CreateMaybeMessage<::briar::TemplateImageInput > (Arena *)
- template<> ::briar::TemplateList * Arena::CreateMaybeMessage<::briar::TemplateList > (Arena *)
- template<> ::briar::TemplateListGroup * Arena::CreateMaybeMessage<::briar::TemplateListGroup > (Arena *)
- template<> ::briar::TrackingOptions * Arena::CreateMaybeMessage<::briar::TrackingOptions > (Arena *)
- template<> ::briar::Tracklet * Arena::CreateMaybeMessage<::briar::Tracklet > (Arena *)
- template<> ::briar::TrackReply * Arena::CreateMaybeMessage<::briar::TrackReply > (Arena *)
- template<> ::briar::TrackRequest * Arena::CreateMaybeMessage<::briar::TrackRequest > (Arena *)
- template<> ::briar::VerifyReply * Arena::CreateMaybeMessage<::briar::VerifyReply > (Arena *)
- template<> ::briar::VerifyRequest * Arena::CreateMaybeMessage<::briar::VerifyRequest > (Arena *)
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::BatchPolicy > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::BiometricModality > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::BriarDataType > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::BriarError > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::BriarMedia_DataType > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::BriarServiceStatus > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::DetectionPolicy > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::EnrollFlags > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::EnrollmentType > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::EntryType > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::ExtractFlags > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::FeatureVectorType > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::MediaType > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::SearchFlags > ()
- template<> const EnumDescriptor * GetEnumDescriptor<::briar::VerifyFlags > ()

6.3.1 Function Documentation

6.3.1.1 Arena::CreateMaybeMessage< ::briar::AccessRecord >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::AccessRecord* google::protobuf::Arena::Create←
MaybeMessage< ::briar::AccessRecord > (
    Arena * arena )
```

6.3.1.2 Arena::CreateMaybeMessage< ::briar::APIVersion >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::APIVersion* google::protobuf::Arena::CreateMaybe←
Message< ::briar::APIVersion > (
    Arena * arena )
```

6.3.1.3 Arena::CreateMaybeMessage< ::briar::Attribute >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Attribute* google::protobuf::Arena::CreateMaybe←
Message< ::briar::Attribute > (
    Arena * arena )
```

6.3.1.4 Arena::CreateMaybeMessage< ::briar::BoolOption >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BoolOption* google::protobuf::Arena::CreateMaybe←
Message< ::briar::BoolOption > (
    Arena * arena )
```

6.3.1.5 Arena::CreateMaybeMessage< ::briar::BriarDatabase >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDatabase* google::protobuf::Arena::Create←
MaybeMessage< ::briar::BriarDatabase > (
    Arena * arena )
```

6.3.1.6 Arena::CreateMaybeMessage< ::briar::BriarDatabaseInfo >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDatabaseInfo* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::BriarDatabaseInfo > (
    Arena * arena )
```

6.3.1.7 Arena::CreateMaybeMessage< ::briar::BriarDuration >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDuration* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::BriarDuration > (
    Arena * arena )
```

6.3.1.8 Arena::CreateMaybeMessage< ::briar::BriarDurations >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDurations* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::BriarDurations > (
    Arena * arena )
```

6.3.1.9 Arena::CreateMaybeMessage< ::briar::BriarDurations_SubDurationsEntry_DoNotUse >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDurations_SubDurationsEntry_DoNotUse* google<-
::protobuf::Arena::CreateMaybeMessage< ::briar::BriarDurations_SubDurationsEntry_DoNotUse > (
    Arena * arena )
```

6.3.1.10 Arena::CreateMaybeMessage< ::briar::BriarDurationsList >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDurationsList* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::BriarDurationsList > (
    Arena * arena )
```

6.3.1.11 Arena::CreateMaybeMessage< ::briar::BriarErrorMessage >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarErrorMessage* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::BriarErrorMessage > (
    Arena * arena )
```

6.3.1.12 Arena::CreateMaybeMessage< ::briar::BriarErrors >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarErrors* google::protobuf::Arena::CreateMaybe<-
Message< ::briar::BriarErrors > (
    Arena * arena )
```

6.3.1.13 Arena::CreateMaybeMessage< ::briar::BriarGalleryInfo >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarGalleryInfo* google::protobuf::Arena::Create←
MaybeMessage< ::briar::BriarGalleryInfo > (
    Arena * arena )
```

6.3.1.14 Arena::CreateMaybeMessage< ::briar::BriarGalleryList >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarGalleryList* google::protobuf::Arena::Create←
MaybeMessage< ::briar::BriarGalleryList > (
    Arena * arena )
```

6.3.1.15 Arena::CreateMaybeMessage< ::briar::BriarMatrix >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarMatrix* google::protobuf::Arena::CreateMaybe←
Message< ::briar::BriarMatrix > (
    Arena * arena )
```

6.3.1.16 Arena::CreateMaybeMessage< ::briar::BriarMedia >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarMedia* google::protobuf::Arena::CreateMaybe←
Message< ::briar::BriarMedia > (
    Arena * arena )
```

6.3.1.17 Arena::CreateMaybeMessage< ::briar::BriarPoint2D >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarPoint2D* google::protobuf::Arena::Create←
MaybeMessage< ::briar::BriarPoint2D > (
    Arena * arena )
```

6.3.1.18 Arena::CreateMaybeMessage< ::briar::BriarProgress >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarProgress* google::protobuf::Arena::Create←
MaybeMessage< ::briar::BriarProgress > (
    Arena * arena )
```

6.3.1.19 Arena::CreateMaybeMessage< ::briar::BriarRect >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarRect* google::protobuf::Arena::CreateMaybeMessage< ::briar::BriarRect > (
    Arena * arena )
```

6.3.1.20 Arena::CreateMaybeMessage< ::briar::BriarTrack >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarTrack* google::protobuf::Arena::CreateMaybeMessage< ::briar::BriarTrack > (
    Arena * arena )
```

6.3.1.21 Arena::CreateMaybeMessage< ::briar::BriarVector >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarVector* google::protobuf::Arena::CreateMaybeMessage< ::briar::BriarVector > (
    Arena * arena )
```

6.3.1.22 Arena::CreateMaybeMessage< ::briar::ClusterConfidence >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterConfidence* google::protobuf::Arena::CreateMaybeMessage< ::briar::ClusterConfidence > (
    Arena * arena )
```

6.3.1.23 Arena::CreateMaybeMessage< ::briar::ClusterIds >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterIds* google::protobuf::Arena::CreateMaybeMessage< ::briar::ClusterIds > (
    Arena * arena )
```

6.3.1.24 Arena::CreateMaybeMessage< ::briar::ClusterReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterReply* google::protobuf::Arena::CreateMaybeMessage< ::briar::ClusterReply > (
    Arena * arena )
```

6.3.1.25 Arena::CreateMaybeMessage< ::briar::ClusterRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterRequest* google::protobuf::Arena::Create←
MaybeMessage< ::briar::ClusterRequest > (
    Arena * arena )
```

6.3.1.26 Arena::CreateMaybeMessage< ::briar::DatabaseCreateReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseCreateReply* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::DatabaseCreateReply > (
    Arena * arena )
```

6.3.1.27 Arena::CreateMaybeMessage< ::briar::DatabaseCreateRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseCreateRequest* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::DatabaseCreateRequest > (
    Arena * arena )
```

6.3.1.28 Arena::CreateMaybeMessage< ::briar::DatabaseDeleteReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseDeleteReply* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::DatabaseDeleteReply > (
    Arena * arena )
```

6.3.1.29 Arena::CreateMaybeMessage< ::briar::DatabaseDeleteRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseDeleteRequest* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::DatabaseDeleteRequest > (
    Arena * arena )
```

6.3.1.30 Arena::CreateMaybeMessage< ::briar::DatabaseFinalizeReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseFinalizeReply* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::DatabaseFinalizeReply > (
    Arena * arena )
```

6.3.1.31 Arena::CreateMaybeMessage< ::briar::DatabaseFinalizeRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseFinalizeRequest* google::protobuf::Arena<-
::CreateMaybeMessage< ::briar::DatabaseFinalizeRequest > (
    Arena * arena )
```

6.3.1.32 Arena::CreateMaybeMessage< ::briar::DatabaseInfoReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInfoReply* google::protobuf::Arena::<-
CreateMaybeMessage< ::briar::DatabaseInfoReply > (
    Arena * arena )
```

6.3.1.33 Arena::CreateMaybeMessage< ::briar::DatabaseInfoRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInfoRequest* google::protobuf::Arena::<-
CreateMaybeMessage< ::briar::DatabaseInfoRequest > (
    Arena * arena )
```

6.3.1.34 Arena::CreateMaybeMessage< ::briar::DatabaseInsertReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInsertReply* google::protobuf::Arena::<-
CreateMaybeMessage< ::briar::DatabaseInsertReply > (
    Arena * arena )
```

6.3.1.35 Arena::CreateMaybeMessage< ::briar::DatabaseInsertRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInsertRequest* google::protobuf::Arena::<-
CreateMaybeMessage< ::briar::DatabaseInsertRequest > (
    Arena * arena )
```

6.3.1.36 Arena::CreateMaybeMessage< ::briar::DatabaseListentriesReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseListentriesReply* google::protobuf::Arena<-
::CreateMaybeMessage< ::briar::DatabaseListentriesReply > (
    Arena * arena )
```

6.3.1.37 Arena::CreateMaybeMessage< ::briar::DatabaseListEntriesRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseListEntriesRequest* google::protobuf::arena::CreateMaybeMessage< ::briar::DatabaseListEntriesRequest > (
    Arena * arena )
```

6.3.1.38 Arena::CreateMaybeMessage< ::briar::DatabaseListReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseListReply* google::protobuf::arena::CreateMaybeMessage< ::briar::DatabaseListReply > (
    Arena * arena )
```

6.3.1.39 Arena::CreateMaybeMessage< ::briar::DatabaseListRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseListRequest* google::protobuf::arena::CreateMaybeMessage< ::briar::DatabaseListRequest > (
    Arena * arena )
```

6.3.1.40 Arena::CreateMaybeMessage< ::briar::DatabaseLoadReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseLoadReply* google::protobuf::arena::CreateMaybeMessage< ::briar::DatabaseLoadReply > (
    Arena * arena )
```

6.3.1.41 Arena::CreateMaybeMessage< ::briar::DatabaseLoadRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseLoadRequest* google::protobuf::arena::CreateMaybeMessage< ::briar::DatabaseLoadRequest > (
    Arena * arena )
```

6.3.1.42 Arena::CreateMaybeMessage< ::briar::DatabaseMergeReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseMergeReply* google::protobuf::arena::CreateMaybeMessage< ::briar::DatabaseMergeReply > (
    Arena * arena )
```

6.3.1.43 Arena::CreateMaybeMessage< ::briar::DatabaseMergeRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseMergeRequest* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::DatabaseMergeRequest > (
    Arena * arena )
```

6.3.1.44 Arena::CreateMaybeMessage< ::briar::DatabaseRemoveTmplsReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRemoveTmplsReply* google::protobuf::Arena←
::CreateMaybeMessage< ::briar::DatabaseRemoveTmplsReply > (
    Arena * arena )
```

6.3.1.45 Arena::CreateMaybeMessage< ::briar::DatabaseRemoveTmplsRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRemoveTmplsRequest* google::protobuf::←
Arena::CreateMaybeMessage< ::briar::DatabaseRemoveTmplsRequest > (
    Arena * arena )
```

6.3.1.46 Arena::CreateMaybeMessage< ::briar::DatabaseRenameReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRenameReply* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::DatabaseRenameReply > (
    Arena * arena )
```

6.3.1.47 Arena::CreateMaybeMessage< ::briar::DatabaseRenameRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRenameRequest* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::DatabaseRenameRequest > (
    Arena * arena )
```

6.3.1.48 Arena::CreateMaybeMessage< ::briar::DatabaseRetrieveReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRetrieveReply* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::DatabaseRetrieveReply > (
    Arena * arena )
```

6.3.1.49 Arena::CreateMaybeMessage< ::briar::DatabaseRetrieveRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRetrieveRequest* google::protobuf::Arena::CreateMaybeMessage< ::briar::DatabaseRetrieveRequest > (
    Arena * arena )
```

6.3.1.50 Arena::CreateMaybeMessage< ::briar::Detection >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Detection* google::protobuf::Arena::CreateMaybeMessage< ::briar::Detection > (
    Arena * arena )
```

6.3.1.51 Arena::CreateMaybeMessage< ::briar::DetectionOptions >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DetectionOptions* google::protobuf::Arena::CreateMaybeMessage< ::briar::DetectionOptions > (
    Arena * arena )
```

6.3.1.52 Arena::CreateMaybeMessage< ::briar::DetectReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DetectReply* google::protobuf::Arena::CreateMaybeMessage< ::briar::DetectReply > (
    Arena * arena )
```

6.3.1.53 Arena::CreateMaybeMessage< ::briar::DetectRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DetectRequest* google::protobuf::Arena::CreateMaybeMessage< ::briar::DetectRequest > (
    Arena * arena )
```

6.3.1.54 Arena::CreateMaybeMessage< ::briar::Empty >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Empty* google::protobuf::Arena::CreateMaybeMessage< ::briar::Empty > (
    Arena * arena )
```

6.3.1.55 Arena::CreateMaybeMessage< ::briar::EnhanceOptions >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnhanceOptions* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::EnhanceOptions > (
    Arena * arena )
```

6.3.1.56 Arena::CreateMaybeMessage< ::briar::EnhanceReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnhanceReply* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::EnhanceReply > (
    Arena * arena )
```

6.3.1.57 Arena::CreateMaybeMessage< ::briar::EnhanceRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnhanceRequest* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::EnhanceRequest > (
    Arena * arena )
```

6.3.1.58 Arena::CreateMaybeMessage< ::briar::EnrollmentInfo >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollmentInfo* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::EnrollmentInfo > (
    Arena * arena )
```

6.3.1.59 Arena::CreateMaybeMessage< ::briar::EnrollOptions >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollOptions* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::EnrollOptions > (
    Arena * arena )
```

6.3.1.60 Arena::CreateMaybeMessage< ::briar::EnrollReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollReply* google::protobuf::Arena::CreateMaybe<-
Message< ::briar::EnrollReply > (
    Arena * arena )
```

6.3.1.61 Arena::CreateMaybeMessage< ::briar::EnrollRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollRequest* google::protobuf::Arena::Create←
MaybeMessage< ::briar::EnrollRequest > (
    Arena * arena )
```

6.3.1.62 Arena::CreateMaybeMessage< ::briar::EvalConfig >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EvalConfig* google::protobuf::Arena::CreateMaybe←
Message< ::briar::EvalConfig > (
    Arena * arena )
```

6.3.1.63 Arena::CreateMaybeMessage< ::briar::ExtractOptions >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ExtractOptions* google::protobuf::Arena::Create←
MaybeMessage< ::briar::ExtractOptions > (
    Arena * arena )
```

6.3.1.64 Arena::CreateMaybeMessage< ::briar::ExtractReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ExtractReply* google::protobuf::Arena::Create←
MaybeMessage< ::briar::ExtractReply > (
    Arena * arena )
```

6.3.1.65 Arena::CreateMaybeMessage< ::briar::ExtractRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ExtractRequest* google::protobuf::Arena::Create←
MaybeMessage< ::briar::ExtractRequest > (
    Arena * arena )
```

6.3.1.66 Arena::CreateMaybeMessage< ::briar::FloatOption >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::FloatOption* google::protobuf::Arena::CreateMaybe←
Message< ::briar::FloatOption > (
    Arena * arena )
```

6.3.1.67 Arena::CreateMaybeMessage< ::briar::FrameMetadata >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::FrameMetadata* google::protobuf::Arena::Create←
MaybeMessage< ::briar::FrameMetadata > (
    Arena * arena )
```

6.3.1.68 Arena::CreateMaybeMessage< ::briar::ImageDetectionList >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ImageDetectionList* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::ImageDetectionList > (
    Arena * arena )
```

6.3.1.69 Arena::CreateMaybeMessage< ::briar::ImageDetectionListGroup >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ImageDetectionListGroup* google::protobuf::Arena::←
::CreateMaybeMessage< ::briar::ImageDetectionListGroup > (
    Arena * arena )
```

6.3.1.70 Arena::CreateMaybeMessage< ::briar::IntOption >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::IntOption* google::protobuf::Arena::CreateMaybe←
Message< ::briar::IntOption > (
    Arena * arena )
```

6.3.1.71 Arena::CreateMaybeMessage< ::briar::MatchInfo >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::MatchInfo* google::protobuf::Arena::CreateMaybe←
Message< ::briar::MatchInfo > (
    Arena * arena )
```

6.3.1.72 Arena::CreateMaybeMessage< ::briar::MatchList >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::MatchList* google::protobuf::Arena::CreateMaybe←
Message< ::briar::MatchList > (
    Arena * arena )
```

6.3.1.73 Arena::CreateMaybeMessage< ::briar::MediaMetadata >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::MediaMetadata* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::MediaMetadata > (
    Arena * arena )
```

6.3.1.74 Arena::CreateMaybeMessage< ::briar::Record >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Record* google::protobuf::Arena::CreateMaybe<-
Message< ::briar::Record > (
    Arena * arena )
```

6.3.1.75 Arena::CreateMaybeMessage< ::briar::RecordList >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::RecordList* google::protobuf::Arena::CreateMaybe<-
Message< ::briar::RecordList > (
    Arena * arena )
```

6.3.1.76 Arena::CreateMaybeMessage< ::briar::SearchOptions >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::SearchOptions* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::SearchOptions > (
    Arena * arena )
```

6.3.1.77 Arena::CreateMaybeMessage< ::briar::SearchReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::SearchReply* google::protobuf::Arena::CreateMaybe<-
Message< ::briar::SearchReply > (
    Arena * arena )
```

6.3.1.78 Arena::CreateMaybeMessage< ::briar::SearchRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::SearchRequest* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::SearchRequest > (
    Arena * arena )
```

6.3.1.79 Arena::CreateMaybeMessage< ::briar::StatusReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::StatusReply* google::protobuf::Arena::CreateMaybe<-
Message< ::briar::StatusReply > (
    Arena * arena )
```

6.3.1.80 Arena::CreateMaybeMessage< ::briar::StatusRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::StatusRequest* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::StatusRequest > (
    Arena * arena )
```

6.3.1.81 Arena::CreateMaybeMessage< ::briar::StringOption >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::StringOption* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::StringOption > (
    Arena * arena )
```

6.3.1.82 Arena::CreateMaybeMessage< ::briar::Template >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Template* google::protobuf::Arena::CreateMaybe<-
Message< ::briar::Template > (
    Arena * arena )
```

6.3.1.83 Arena::CreateMaybeMessage< ::briar::TemplateIds >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateIds* google::protobuf::Arena::CreateMaybe<-
Message< ::briar::TemplateIds > (
    Arena * arena )
```

6.3.1.84 Arena::CreateMaybeMessage< ::briar::TemplateImageInput >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateImageInput* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::TemplateImageInput > (
    Arena * arena )
```

6.3.1.85 Arena::CreateMaybeMessage< ::briar::TemplateList >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateList* google::protobuf::Arena::Create←
MaybeMessage< ::briar::TemplateList > (
    Arena * arena )
```

6.3.1.86 Arena::CreateMaybeMessage< ::briar::TemplateListGroup >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateListGroup* google::protobuf::Arena::←
CreateMaybeMessage< ::briar::TemplateListGroup > (
    Arena * arena )
```

6.3.1.87 Arena::CreateMaybeMessage< ::briar::TrackingOptions >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TrackingOptions* google::protobuf::Arena::Create←
MaybeMessage< ::briar::TrackingOptions > (
    Arena * arena )
```

6.3.1.88 Arena::CreateMaybeMessage< ::briar::Tracklet >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Tracklet* google::protobuf::Arena::CreateMaybe←
Message< ::briar::Tracklet > (
    Arena * arena )
```

6.3.1.89 Arena::CreateMaybeMessage< ::briar::TrackReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TrackReply* google::protobuf::Arena::CreateMaybe←
Message< ::briar::TrackReply > (
    Arena * arena )
```

6.3.1.90 Arena::CreateMaybeMessage< ::briar::TrackRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TrackRequest* google::protobuf::Arena::Create←
MaybeMessage< ::briar::TrackRequest > (
    Arena * arena )
```

6.3.1.91 Arena::CreateMaybeMessage< ::briar::VerifyReply >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::VerifyReply* google::protobuf::Arena::CreateMaybe<-
Message< ::briar::VerifyReply > (
    Arena * arena )
```

6.3.1.92 Arena::CreateMaybeMessage< ::briar::VerifyRequest >()

```
template<>
GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::VerifyRequest* google::protobuf::Arena::Create<-
MaybeMessage< ::briar::VerifyRequest > (
    Arena * arena )
```

6.3.1.93 Arena::CreateMaybeMessage<::briar::AccessRecord >()

```
template<>
::briar::AccessRecord* google::protobuf::Arena::CreateMaybeMessage<::briar::AccessRecord > (
    Arena * )
```

6.3.1.94 Arena::CreateMaybeMessage<::briar::APIVersion >()

```
template<>
::briar::APIVersion* google::protobuf::Arena::CreateMaybeMessage<::briar::APIVersion > (
    Arena * )
```

6.3.1.95 Arena::CreateMaybeMessage<::briar::Attribute >()

```
template<>
::briar::Attribute* google::protobuf::Arena::CreateMaybeMessage<::briar::Attribute > (
    Arena * )
```

6.3.1.96 Arena::CreateMaybeMessage<::briar::BoolOption >()

```
template<>
::briar::BoolOption* google::protobuf::Arena::CreateMaybeMessage<::briar::BoolOption > (
    Arena * )
```

6.3.1.97 Arena::CreateMaybeMessage<::briar::BriarDatabase >()

```
template<>
::briar::BriarDatabase* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDatabase > (
    Arena * )
```

6.3.1.98 Arena::CreateMaybeMessage<::briar::BriarDatabaseInfo >()

```
template<>
::briar::BriarDatabaseInfo* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDatabaseInfo > (
    Arena * )
```

6.3.1.99 Arena::CreateMaybeMessage<::briar::BriarDuration >()

```
template<>
::briar::BriarDuration* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDuration > (
    Arena * )
```

6.3.1.100 Arena::CreateMaybeMessage<::briar::BriarDurations >()

```
template<>
::briar::BriarDurations* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDurations > (
    Arena * )
```

6.3.1.101 Arena::CreateMaybeMessage<::briar::BriarDurations_SubDurationsEntry_DoNotUse >()

```
template<>
::briar::BriarDurations_SubDurationsEntry_DoNotUse* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDurations_SubDurationsEntry_DoNotUse > (
    Arena * )
```

6.3.1.102 Arena::CreateMaybeMessage<::briar::BriarDurationsList >()

```
template<>
::briar::BriarDurationsList* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDurationsList > (
    Arena * )
```

6.3.1.103 Arena::CreateMaybeMessage<::briar::BriarErrorMessage >()

```
template<>
::briar::BriarErrorMessage* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarErrorMessage
> (
    Arena * )
```

6.3.1.104 Arena::CreateMaybeMessage<::briar::BriarErrors >()

```
template<>
::briar::BriarErrors* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarErrors > (
    Arena * )
```

6.3.1.105 Arena::CreateMaybeMessage<::briar::BriarGalleryInfo >()

```
template<>
::briar::BriarGalleryInfo* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarGalleryInfo
> (
    Arena * )
```

6.3.1.106 Arena::CreateMaybeMessage<::briar::BriarGalleryList >()

```
template<>
::briar::BriarGalleryList* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarGalleryList
> (
    Arena * )
```

6.3.1.107 Arena::CreateMaybeMessage<::briar::BriarMatrix >()

```
template<>
::briar::BriarMatrix* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarMatrix > (
    Arena * )
```

6.3.1.108 Arena::CreateMaybeMessage<::briar::BriarMedia >()

```
template<>
::briar::BriarMedia* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarMedia > (
    Arena * )
```

6.3.1.109 Arena::CreateMaybeMessage<::briar::BriarPoint2D >()

```
template<>
::briar::BriarPoint2D* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarPoint2D > (
    Arena * )
```

6.3.1.110 Arena::CreateMaybeMessage<::briar::BriarProgress >()

```
template<>
::briar::BriarProgress* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarProgress > (
    Arena * )
```

6.3.1.111 Arena::CreateMaybeMessage<::briar::BriarRect >()

```
template<>
::briar::BriarRect* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarRect > (
    Arena * )
```

6.3.1.112 Arena::CreateMaybeMessage<::briar::BriarTrack >()

```
template<>
::briar::BriarTrack* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarTrack > (
    Arena * )
```

6.3.1.113 Arena::CreateMaybeMessage<::briar::BriarVector >()

```
template<>
::briar::BriarVector* google::protobuf::Arena::CreateMaybeMessage<::briar::BriarVector > (
    Arena * )
```

6.3.1.114 Arena::CreateMaybeMessage<::briar::ClusterConfidence >()

```
template<>
::briar::ClusterConfidence* google::protobuf::Arena::CreateMaybeMessage<::briar::ClusterConfidence > (
    Arena * )
```

6.3.1.115 Arena::CreateMaybeMessage<::briar::ClusterIds >()

```
template<>
::briar::ClusterIds* google::protobuf::Arena::CreateMaybeMessage<::briar::ClusterIds > (
    Arena * )
```

6.3.1.116 Arena::CreateMaybeMessage<::briar::ClusterReply >()

```
template<>
::briar::ClusterReply* google::protobuf::Arena::CreateMaybeMessage<::briar::ClusterReply > (
    Arena * )
```

6.3.1.117 Arena::CreateMaybeMessage<::briar::ClusterRequest >()

```
template<>
::briar::ClusterRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::ClusterRequest > (
    Arena * )
```

6.3.1.118 Arena::CreateMaybeMessage<::briar::DatabaseCreateReply >()

```
template<>
::briar::DatabaseCreateReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseCreateReply > (
    Arena * )
```

6.3.1.119 Arena::CreateMaybeMessage<::briar::DatabaseCreateRequest >()

```
template<>
::briar::DatabaseCreateRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseCreateRequest > (
    Arena * )
```

6.3.1.120 Arena::CreateMaybeMessage<::briar::DatabaseDeleteReply >()

```
template<>
::briar::DatabaseDeleteReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseDeleteReply > (
    Arena * )
```

6.3.1.121 Arena::CreateMaybeMessage<::briar::DatabaseDeleteRequest >()

```
template<>
::briar::DatabaseDeleteRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseDeleteRequest
> (
    Arena *   )
```

6.3.1.122 Arena::CreateMaybeMessage<::briar::DatabaseFinalizeReply >()

```
template<>
::briar::DatabaseFinalizeReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseFinalizeReply
> (
    Arena *   )
```

6.3.1.123 Arena::CreateMaybeMessage<::briar::DatabaseFinalizeRequest >()

```
template<>
::briar::DatabaseFinalizeRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseFinalizeRequest
> (
    Arena *   )
```

6.3.1.124 Arena::CreateMaybeMessage<::briar::DatabaseInfoReply >()

```
template<>
::briar::DatabaseInfoReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseInfoReply
> (
    Arena *   )
```

6.3.1.125 Arena::CreateMaybeMessage<::briar::DatabaseInfoRequest >()

```
template<>
::briar::DatabaseInfoRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseInfoRequest
> (
    Arena *   )
```

6.3.1.126 Arena::CreateMaybeMessage<::briar::DatabaseInsertReply >()

```
template<>
::briar::DatabaseInsertReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseInsertReply
> (
    Arena *   )
```

6.3.1.127 Arena::CreateMaybeMessage<::briar::DatabaseInsertRequest >()

```
template<>
::briar::DatabaseInsertRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseInsertRequest
> (
    Arena *   )
```

6.3.1.128 Arena::CreateMaybeMessage<::briar::DatabaseListentriesReply >()

```
template<>
::briar::DatabaseListentriesReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseListentriesReply
> (
    Arena *   )
```

6.3.1.129 Arena::CreateMaybeMessage<::briar::DatabaseListEntriesRequest >()

```
template<>
::briar::DatabaseListEntriesRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseListEntriesRequest
> (
    Arena *   )
```

6.3.1.130 Arena::CreateMaybeMessage<::briar::DatabaseListReply >()

```
template<>
::briar::DatabaseListReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseListReply
> (
    Arena *   )
```

6.3.1.131 Arena::CreateMaybeMessage<::briar::DatabaseListRequest >()

```
template<>
::briar::DatabaseListRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseListRequest
> (
    Arena *   )
```

6.3.1.132 Arena::CreateMaybeMessage<::briar::DatabaseLoadReply >()

```
template<>
::briar::DatabaseLoadReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseLoadReply
> (
    Arena *   )
```

6.3.1.133 Arena::CreateMaybeMessage<::briar::DatabaseLoadRequest >()

```
template<>
::briar::DatabaseLoadRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseLoadRequest
> (
    Arena *   )
```

6.3.1.134 Arena::CreateMaybeMessage<::briar::DatabaseMergeReply >()

```
template<>
::briar::DatabaseMergeReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseMergeReply
> (
    Arena *   )
```

6.3.1.135 Arena::CreateMaybeMessage<::briar::DatabaseMergeRequest >()

```
template<>
::briar::DatabaseMergeRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseMergeRequest
> (
    Arena *   )
```

6.3.1.136 Arena::CreateMaybeMessage<::briar::DatabaseRemoveTmplsReply >()

```
template<>
::briar::DatabaseRemoveTmplsReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRemoveTmplsReply
> (
    Arena *   )
```

6.3.1.137 Arena::CreateMaybeMessage<::briar::DatabaseRemoveTmplsRequest >()

```
template<>
::briar::DatabaseRemoveTmplsRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRemoveTmplsRequest
> (
    Arena *   )
```

6.3.1.138 Arena::CreateMaybeMessage<::briar::DatabaseRenameReply >()

```
template<>
::briar::DatabaseRenameReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRenameReply
> (
    Arena *   )
```

6.3.1.139 Arena::CreateMaybeMessage<::briar::DatabaseRenameRequest >()

```
template<>
::briar::DatabaseRenameRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRenameRequest
> (
    Arena *   )
```

6.3.1.140 Arena::CreateMaybeMessage<::briar::DatabaseRetrieveReply >()

```
template<>
::briar::DatabaseRetrieveReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRetrieveReply
> (
    Arena *   )
```

6.3.1.141 Arena::CreateMaybeMessage<::briar::DatabaseRetrieveRequest >()

```
template<>
::briar::DatabaseRetrieveRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRetrieveRequest
> (
    Arena *   )
```

6.3.1.142 Arena::CreateMaybeMessage<::briar::Detection >()

```
template<>
::briar::Detection* google::protobuf::Arena::CreateMaybeMessage<::briar::Detection > (
    Arena *   )
```

6.3.1.143 Arena::CreateMaybeMessage<::briar::DetectionOptions >()

```
template<>
::briar::DetectionOptions* google::protobuf::Arena::CreateMaybeMessage<::briar::DetectionOptions > (
    Arena *   )
```

6.3.1.144 Arena::CreateMaybeMessage<::briar::DetectReply >()

```
template<>
::briar::DetectReply* google::protobuf::Arena::CreateMaybeMessage<::briar::DetectReply > (
    Arena *   )
```

6.3.1.145 Arena::CreateMaybeMessage<::briar::DetectRequest >()

```
template<>
::briar::DetectRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::DetectRequest > (
    Arena * )
```

6.3.1.146 Arena::CreateMaybeMessage<::briar::Empty >()

```
template<>
::briar::Empty* google::protobuf::Arena::CreateMaybeMessage<::briar::Empty > (
    Arena * )
```

6.3.1.147 Arena::CreateMaybeMessage<::briar::EnhanceOptions >()

```
template<>
::briar::EnhanceOptions* google::protobuf::Arena::CreateMaybeMessage<::briar::EnhanceOptions > (
    Arena * )
```

6.3.1.148 Arena::CreateMaybeMessage<::briar::EnhanceReply >()

```
template<>
::briar::EnhanceReply* google::protobuf::Arena::CreateMaybeMessage<::briar::EnhanceReply > (
    Arena * )
```

6.3.1.149 Arena::CreateMaybeMessage<::briar::EnhanceRequest >()

```
template<>
::briar::EnhanceRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::EnhanceRequest > (
    Arena * )
```

6.3.1.150 Arena::CreateMaybeMessage<::briar::EnrollmentInfo >()

```
template<>
::briar::EnrollmentInfo* google::protobuf::Arena::CreateMaybeMessage<::briar::EnrollmentInfo > (
    Arena * )
```

6.3.1.151 Arena::CreateMaybeMessage<::briar::EnrollOptions >()

```
template<>
::briar::EnrollOptions* google::protobuf::Arena::CreateMaybeMessage<::briar::EnrollOptions > (
    Arena * )
```

6.3.1.152 Arena::CreateMaybeMessage<::briar::EnrollReply >()

```
template<>
::briar::EnrollReply* google::protobuf::Arena::CreateMaybeMessage<::briar::EnrollReply > (
    Arena * )
```

6.3.1.153 Arena::CreateMaybeMessage<::briar::EnrollRequest >()

```
template<>
::briar::EnrollRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::EnrollRequest > (
    Arena * )
```

6.3.1.154 Arena::CreateMaybeMessage<::briar::EvalConfig >()

```
template<>
::briar::EvalConfig* google::protobuf::Arena::CreateMaybeMessage<::briar::EvalConfig > (
    Arena * )
```

6.3.1.155 Arena::CreateMaybeMessage<::briar::ExtractOptions >()

```
template<>
::briar::ExtractOptions* google::protobuf::Arena::CreateMaybeMessage<::briar::ExtractOptions > (
    Arena * )
```

6.3.1.156 Arena::CreateMaybeMessage<::briar::ExtractReply >()

```
template<>
::briar::ExtractReply* google::protobuf::Arena::CreateMaybeMessage<::briar::ExtractReply > (
    Arena * )
```

6.3.1.157 Arena::CreateMaybeMessage<::briar::ExtractRequest >()

```
template<>
::briar::ExtractRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::ExtractRequest > (
    Arena *   )
```

6.3.1.158 Arena::CreateMaybeMessage<::briar::FloatOption >()

```
template<>
::briar::FloatOption* google::protobuf::Arena::CreateMaybeMessage<::briar::FloatOption > (
    Arena *   )
```

6.3.1.159 Arena::CreateMaybeMessage<::briar::FrameMetadata >()

```
template<>
::briar::FrameMetadata* google::protobuf::Arena::CreateMaybeMessage<::briar::FrameMetadata > (
    Arena *   )
```

6.3.1.160 Arena::CreateMaybeMessage<::briar::ImageDetectionList >()

```
template<>
::briar::ImageDetectionList* google::protobuf::Arena::CreateMaybeMessage<::briar::ImageDetectionList > (
    Arena *   )
```

6.3.1.161 Arena::CreateMaybeMessage<::briar::ImageDetectionListGroup >()

```
template<>
::briar::ImageDetectionListGroup* google::protobuf::Arena::CreateMaybeMessage<::briar::ImageDetectionListGroup > (
    Arena *   )
```

6.3.1.162 Arena::CreateMaybeMessage<::briar::IntOption >()

```
template<>
::briar::IntOption* google::protobuf::Arena::CreateMaybeMessage<::briar::IntOption > (
    Arena *   )
```

6.3.1.163 Arena::CreateMaybeMessage<::briar::MatchInfo >()

```
template<>
::briar::MatchInfo* google::protobuf::Arena::CreateMaybeMessage<::briar::MatchInfo > (
    Arena * )
```

6.3.1.164 Arena::CreateMaybeMessage<::briar::MatchList >()

```
template<>
::briar::MatchList* google::protobuf::Arena::CreateMaybeMessage<::briar::MatchList > (
    Arena * )
```

6.3.1.165 Arena::CreateMaybeMessage<::briar::MediaMetadata >()

```
template<>
::briar::MediaMetadata* google::protobuf::Arena::CreateMaybeMessage<::briar::MediaMetadata > (
    Arena * )
```

6.3.1.166 Arena::CreateMaybeMessage<::briar::Record >()

```
template<>
::briar::Record* google::protobuf::Arena::CreateMaybeMessage<::briar::Record > (
    Arena * )
```

6.3.1.167 Arena::CreateMaybeMessage<::briar::RecordList >()

```
template<>
::briar::RecordList* google::protobuf::Arena::CreateMaybeMessage<::briar::RecordList > (
    Arena * )
```

6.3.1.168 Arena::CreateMaybeMessage<::briar::SearchOptions >()

```
template<>
::briar::SearchOptions* google::protobuf::Arena::CreateMaybeMessage<::briar::SearchOptions > (
    Arena * )
```

6.3.1.169 Arena::CreateMaybeMessage<::briar::SearchReply >()

```
template<>
::briar::SearchReply* google::protobuf::Arena::CreateMaybeMessage<::briar::SearchReply > (
    Arena * )
```

6.3.1.170 Arena::CreateMaybeMessage<::briar::SearchRequest >()

```
template<>
::briar::SearchRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::SearchRequest > (
    Arena * )
```

6.3.1.171 Arena::CreateMaybeMessage<::briar::StatusReply >()

```
template<>
::briar::StatusReply* google::protobuf::Arena::CreateMaybeMessage<::briar::StatusReply > (
    Arena * )
```

6.3.1.172 Arena::CreateMaybeMessage<::briar::StatusRequest >()

```
template<>
::briar::StatusRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::StatusRequest > (
    Arena * )
```

6.3.1.173 Arena::CreateMaybeMessage<::briar::StringOption >()

```
template<>
::briar::StringOption* google::protobuf::Arena::CreateMaybeMessage<::briar::StringOption > (
    Arena * )
```

6.3.1.174 Arena::CreateMaybeMessage<::briar::Template >()

```
template<>
::briar::Template* google::protobuf::Arena::CreateMaybeMessage<::briar::Template > (
    Arena * )
```

6.3.1.175 Arena::CreateMaybeMessage<::briar::TemplateIds >()

```
template<>
::briar::TemplateIds* google::protobuf::Arena::CreateMaybeMessage<::briar::TemplateIds > (
    Arena * )
```

6.3.1.176 Arena::CreateMaybeMessage<::briar::TemplateImageInput >()

```
template<>
::briar::TemplateImageInput* google::protobuf::Arena::CreateMaybeMessage<::briar::TemplateImageInput > (
    Arena * )
```

6.3.1.177 Arena::CreateMaybeMessage<::briar::TemplateList >()

```
template<>
::briar::TemplateList* google::protobuf::Arena::CreateMaybeMessage<::briar::TemplateList > (
    Arena * )
```

6.3.1.178 Arena::CreateMaybeMessage<::briar::TemplateListGroup >()

```
template<>
::briar::TemplateListGroup* google::protobuf::Arena::CreateMaybeMessage<::briar::TemplateListGroup > (
    Arena * )
```

6.3.1.179 Arena::CreateMaybeMessage<::briar::TrackingOptions >()

```
template<>
::briar::TrackingOptions* google::protobuf::Arena::CreateMaybeMessage<::briar::TrackingOptions > (
    Arena * )
```

6.3.1.180 Arena::CreateMaybeMessage<::briar::Tracklet >()

```
template<>
::briar::Tracklet* google::protobuf::Arena::CreateMaybeMessage<::briar::Tracklet > (
    Arena * )
```

6.3.1.181 Arena::CreateMaybeMessage<::briar::TrackReply >()

```
template<>
::briar::TrackReply* google::protobuf::Arena::CreateMaybeMessage<::briar::TrackReply > (
    Arena * )
```

6.3.1.182 Arena::CreateMaybeMessage<::briar::TrackRequest >()

```
template<>
::briar::TrackRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::TrackRequest > (
    Arena * )
```

6.3.1.183 Arena::CreateMaybeMessage<::briar::VerifyReply >()

```
template<>
::briar::VerifyReply* google::protobuf::Arena::CreateMaybeMessage<::briar::VerifyReply > (
    Arena * )
```

6.3.1.184 Arena::CreateMaybeMessage<::briar::VerifyRequest >()

```
template<>
::briar::VerifyRequest* google::protobuf::Arena::CreateMaybeMessage<::briar::VerifyRequest > (
    Arena * )
```

6.3.1.185 GetEnumDescriptor< ::briar::BatchPolicy >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::BatchPolicy > ( ) [inline]
```

6.3.1.186 GetEnumDescriptor< ::briar::BiometricModality >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::BiometricModality > ( ) [inline]
```

6.3.1.187 GetEnumDescriptor< ::briar::BriarDataType >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::BriarDataType > ( ) [inline]
```

6.3.1.188 GetEnumDescriptor< ::briar::BriarError >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::BriarError > ( ) [inline]
```

6.3.1.189 GetEnumDescriptor< ::briar::BriarMedia_DataType >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::BriarMedia_DataType > ( ) [inline]
```

6.3.1.190 GetEnumDescriptor< ::briar::BriarServiceStatus >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::BriarServiceStatus > ( ) [inline]
```

6.3.1.191 GetEnumDescriptor< ::briar::DetectionPolicy >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::DetectionPolicy > ( ) [inline]
```

6.3.1.192 GetEnumDescriptor< ::briar::EnrollFlags >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::EnrollFlags > ( ) [inline]
```

6.3.1.193 GetEnumDescriptor< ::briar::EnrollmentType >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::EnrollmentType > ( ) [inline]
```

6.3.1.194 GetEnumDescriptor< ::briar::EntryType >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::EntryType > ( ) [inline]
```

6.3.1.195 GetEnumDescriptor< ::briar::ExtractFlags >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::ExtractFlags > ( ) [inline]
```

6.3.1.196 GetEnumDescriptor< ::briar::FeatureVectorType >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::FeatureVectorType > ( ) [inline]
```

6.3.1.197 GetEnumDescriptor< ::briar::MediaType >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::MediaType > ( ) [inline]
```

6.3.1.198 GetEnumDescriptor< ::briar::SearchFlags >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::SearchFlags > ( ) [inline]
```

6.3.1.199 GetEnumDescriptor< ::briar::VerifyFlags >()

```
template<>
const EnumDescriptor* google::protobuf::GetEnumDescriptor< ::briar::VerifyFlags > ( ) [inline]
```

6.4 protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto Namespace Reference

Classes

- struct [StaticDescriptorInitializer](#)
- struct [TableStruct](#)

Functions

- void [AddDescriptors \(\)](#)
- void [AddDescriptorsImpl \(\)](#)
- const ::google::protobuf::uint32 [TableStruct::offsets\[\] GOOGLE_PROTOBUF_ATTRIBUTE_SECTION_VARIABLE](#) (protodesc_cold)
- void [InitDefaults \(\)](#)
- void [protobuf_AssignDescriptors \(\)](#)
- void [protobuf_AssignDescriptorsOnce \(\)](#)
- void [protobuf_RegisterTypes \(const ::std::string &\) GOOGLE_PROTOBUF_ATTRIBUTE_COLD](#)

Variables

- const ::google::protobuf::EnumDescriptor * [file_level_enum_descriptors \[14\]](#)
- ::google::protobuf::Metadata [file_level_metadata \[47\]](#)
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 1 > [scc_info_AccessRecord](#) ::google::protobuf::SCCInfo< 1 >
- ::google::protobuf::internal::SCCInfo< 0 > [scc_info_APIVersion](#)
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 4 > [scc_info_Attribute](#) ::google::protobuf::SCCInfo< 4 >
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 0 > [scc_info_BoolOption](#) ::google::protobuf::SCCInfo< 0 >
- ::google::protobuf::internal::SCCInfo< 0 > [scc_info_BriarDatabase](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_BriarDatabaseInfo](#)
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 0 > [scc_info_BriarDuration](#) ::google::protobuf::SCCInfo< 0 >
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 2 > [scc_info_BriarDurations](#) ::google::protobuf::SCCInfo< 2 >
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 1 > [scc_info_BriarDurations_SubDurationsEntry_DoNotUse](#) ::google::protobuf::SCCInfo< 1 >
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_BriarDurationsList](#)
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 0 > [scc_info_BriarGalleryInfo](#) ::google::protobuf::SCCInfo< 0 >
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_BriarGalleryList](#) ::google::protobuf::SCCInfo< 1 >
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 1 > [scc_info_BriarMatrix](#) ::google::protobuf::SCCInfo< 1 >
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 0 > [scc_info_BriarPoint2D](#) ::google::protobuf::SCCInfo< 0 >
- ::google::protobuf::internal::SCCInfo< 0 > [scc_info_BriarProgress](#) ::google::protobuf::SCCInfo< 0 >
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 0 > [scc_info_BriarRect](#) ::google::protobuf::SCCInfo< 0 >
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_BriarTrack](#)
- [PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#) ::internal::SCCInfo< 0 > [scc_info_BriarVector](#) ::google::protobuf::SCCInfo< 0 >

- ::google::protobuf::internal::SCCInfo< 0 > [scc_info_ClusterConfidence](#)
- ::google::protobuf::internal::SCCInfo< 0 > [scc_info_ClusterIds](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 2 > [scc_info_Detection](#) ::google::protobuf::internal::SCCInfo< 2 > [scc_info_Detection](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 6 > [scc_info_DetectionOptions](#) ::google::protobuf::internal::SCCInfo< 6 > [scc_info_DetectionOptions](#)
- ::google::protobuf::internal::SCCInfo< 4 > [scc_info_EnhanceOptions](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_EnrollmentInfo](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_EnrollOptions](#)
- ::google::protobuf::internal::SCCInfo< 0 > [scc_info_EvalConfig](#)
- ::google::protobuf::internal::SCCInfo< 4 > [scc_info_ExtractOptions](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 0 > [scc_info_FloatOption](#) ::google::protobuf::internal::SCCInfo< 0 > [scc_info_FloatOption](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 2 > [scc_info_ImageDetectionList](#) ::google::protobuf::internal::SCCInfo< 2 > [scc_info_ImageDetectionList](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_ImageDetectionListGroup](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 0 > [scc_info_IntOption](#) ::google::protobuf::internal::SCCInfo< 0 > [scc_info_IntOption](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 2 > [scc_info_MatchInfo](#) ::google::protobuf::internal::SCCInfo< 2 > [scc_info_MatchInfo](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_MatchList](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 6 > [scc_info_Record](#) ::google::protobuf::internal::SCCInfo< 6 > [scc_info_Record](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_RecordList](#)
- ::google::protobuf::internal::SCCInfo< 4 > [scc_info_SearchOptions](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 0 > [scc_info_StringOption](#) ::google::protobuf::internal::SCCInfo< 0 > [scc_info_StringOption](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 1 > [scc_info_Template](#) ::google::protobuf::internal::SCCInfo< 1 > [scc_info_Template](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 0 > [scc_info_TemplateIds](#) ::google::protobuf::internal::SCCInfo< 0 > [scc_info_TemplateIds](#)
- ::google::protobuf::internal::SCCInfo< 2 > [scc_info_TemplateImageInput](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 1 > [scc_info_TemplateList](#) ::google::protobuf::internal::SCCInfo< 1 > [scc_info_TemplateList](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_TemplateListGroup](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 5 > [scc_info_TrackingOptions](#) ::google::protobuf::internal::SCCInfo< 5 > [scc_info_TrackingOptions](#)
- **PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto** ::internal::SCCInfo< 3 > [scc_info_Tracklet](#) ::google::protobuf::internal::SCCInfo< 3 > [scc_info_Tracklet](#)
- struct [protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::StaticDescriptorInitializer static_descriptor_initializer](#)

6.4.1 Function Documentation

6.4.1.1 AddDescriptors()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::AddDescriptors( )
```

6.4.1.2 AddDescriptorsImpl()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::AddDescriptorsImpl ( )
```

6.4.1.3 GOOGLE_PROTOBUF_ATTRIBUTE_SECTION_VARIABLE()

```
const ::google::protobuf::uint32 TableStruct::offsets [] protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::GOOGLE_PROTOBUF_ATTRIBUTE_SECTION_VARIABLE ( protodesc_cold )
```

6.4.1.4 InitDefaults()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::InitDefaults ( )
```

6.4.1.5 protobuf_AssignDescriptors()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::protobuf_AssignDescriptors ( )
```

6.4.1.6 protobuf_AssignDescriptorsOnce()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::protobuf_AssignDescriptorsOnce ( )
```

6.4.1.7 protobuf_RegisterTypes()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::protobuf_RegisterTypes ( const ::std::string & )
```

6.4.2 Variable Documentation

6.4.2.1 file_level_enum_descriptors

```
const ::google::protobuf::EnumDescriptor* protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::file_level_enum_descriptors[14]
```

6.4.2.2 file_level_metadata

```
::google::protobuf::Metadata protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::file_level_←
metadata[47]
```

6.4.2.3 scc_info_AccessRecord

```
google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_←
info_AccessRecord
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
    InitDefaultsAccessRecord}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,}}
```

6.4.2.4 scc_info_APIVersion

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf←
::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_APIVersion
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsAPIVersion}, {}}
```

6.4.2.5 scc_info_Attribute

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf←
::internal::SCCInfo< 4 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 4, InitDefaultsAttribute},
    {
        &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarMatrix.base,
        &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarVector.base,
        &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarPoint2D.base,
        &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarRect.base,}}
```

6.4.2.6 scc_info_BoolOption

```
google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_←
info_BoolOption
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsBoolOption}, {}}
```

6.4.2.7 scc_info_BriarDatabase

```
PROTOBUF_INTERNAL_EXPORT_PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::GOOGLE::PROTOBUF<SCCInfo<0>> PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::SCC_INFO_BRIARDATABASE
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsBriarDatabase}, {}}
```

6.4.2.8 scc_info_BriarDatabaseInfo

```
PROTOBUF_INTERNAL_EXPORT_PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::GOOGLE::PROTOBUF<SCCInfo<1>> PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::SCC_INFO_BRIARDATABASEINFO
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
    InitDefaultsBriarDatabaseInfo}, {
        &protoBuf_Briar_2fbriar_5fgrpc_2fbriar_2eproto::Scc_Info_Attribute.base, {}}}
```

6.4.2.9 scc_info_BriarDuration

```
google::protobuf::internal::SCCInfo<0> PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::SCC_INFO_BRIARDURATION
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsBriarDuration}, {}}
```

6.4.2.10 scc_info_BriarDurations

```
PROTOBUF_INTERNAL_EXPORT_PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::GOOGLE::PROTOBUF<SCCInfo<2>> PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::SCC_INFO_BRIARDURATIONS
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,
    InitDefaultsBriarDurations}, {
        &protoBuf_Briar_2fbriar_5fgrpc_2fbriar_2eproto::Scc_Info_BriarDuration.base,
        &protoBuf_Briar_2fbriar_5fgrpc_2fbriar_2eproto::Scc_Info_BriarDurations_SubDurationsEntry_DoNotUse.base, {}}}
```

6.4.2.11 scc_info_BriarDurations_SubDurationsEntry_DoNotUse

```
google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_<-
info_BriarDurations_SubDurationsEntry_DoNotUse
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(:google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
InitDefaultsBriarDurationsEntry_DoNotUse}, {
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDuration.base,}}
```

6.4.2.12 scc_info_BriarDurationsList

```
::google::protobuf::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_<-
info_BriarDurationsList
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(:google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
InitDefaultsBriarDurationsList}, {
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.4.2.13 scc_info_BriarGalleryInfo

```
google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_<-
info_BriarGalleryInfo
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(:google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
InitDefaultsBriarGalleryInfo}, {}}
```

6.4.2.14 scc_info_BriarGalleryList

```
::google::protobuf::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_<-
info_BriarGalleryList
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(:google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
InitDefaultsBriarGalleryList}, {
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarGalleryInfo.base,}}
```

6.4.2.15 scc_info_BriarMatrix

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarMatrix
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
    InitDefaultsBriarMatrix}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarMatrix.base,}}
```

6.4.2.16 scc_info_BriarPoint2D

```
google::protobuf::internal::SCCInfo<0> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarPoint2D
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsBriarPoint2D}, {}}
```

6.4.2.17 scc_info_BriarProgress

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<::internal::SCCInfo<0> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarProgress
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsBriarProgress}, {}}
```

6.4.2.18 scc_info_BriarRect

```
google::protobuf::internal::SCCInfo<0> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarRect
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0, InitDefaultsBriarRect},
{}}
```

6.4.2.19 scc_info_BriarTrack

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarTrack
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
    InitDefaultsBriarTrack}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Tracklet.base,}}
```

6.4.2.20 scc_info_BriarVector

```
google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarVector
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsBriarVector}, {}}
```

6.4.2.21 scc_info_ClusterConfidence

```
PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf< ::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ClusterConfidence
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsClusterConfidence}, {}}
```

6.4.2.22 scc_info_ClusterIds

```
PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf< ::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ClusterIds
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsClusterIds}, {}}
```

6.4.2.23 scc_info_Detection

```
PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf< ::internal::SCCInfo< 2 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2, InitDefaultsDetection},
  {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarRect.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,}}
```

6.4.2.24 scc_info_DetectionOptions

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<::internal::SCCInfo<6> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_DetectionOptions
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 6, InitDefaultsDetectionOptions}, {&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_StringOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BoolOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_FloatOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_IntOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TrackingOptions.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,}}
```

6.4.2.25 scc_info_EnhanceOptions

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<::internal::SCCInfo<4> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EnhanceOptions
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 4, InitDefaultsEnhanceOptions}, {&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_StringOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BoolOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_IntOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,}}
```

6.4.2.26 scc_info_EnrollmentInfo

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EnrollmentInfo
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1, InitDefaultsEnrollmentInfo}, {&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,}}
```

6.4.2.27 scc_info_EnrollOptions

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EnrollOptions
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3, InitDefaultsEnrollOptions}, {&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BoolOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_IntOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,}}
```

6.4.2.28 scc_info_EvalConfig

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf::internal::SCCInfo<0> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EvalConfig
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsEvalConfig}, {}}
```

6.4.2.29 scc_info_ExtractOptions

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf::internal::SCCInfo<4> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ExtractOptions
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 4,
    InitDefaultsExtractOptions}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_StringOption.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BoolOption.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_IntOption.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base, {}}
```

6.4.2.30 scc_info_FloatOption

```
google::protobuf::internal::SCCInfo<0> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_FloatOption
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsFloatOption}, {}}
```

6.4.2.31 scc_info_ImageDetectionList

```
google::protobuf::internal::SCCInfo<2> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ImageDetectionList
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,
    InitDefaultsImageDetectionList}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_DetectionOptions.base, {}}
```

6.4.2.32 scc_info_ImageDetectionListGroup

```
::google::protobuf::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_<-
info_ImageDetectionListGroup
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
  InitDefaultsImageDetectionListGroup}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ImageDetectionList.base,}}
```

6.4.2.33 scc_info_IntOption

```
google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_<-
info_IntOption
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0, InitDefaultsIntOption}, {
  {}}}
```

6.4.2.34 scc_info_MatchInfo

```
google::protobuf::internal::SCCInfo< 2 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_<-
info_MatchInfo
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2, InitDefaultsMatchInfo},
 {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Record.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,}}
```

6.4.2.35 scc_info_MatchList

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<-
::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_MatchList
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1, InitDefaultsMatchList},
 {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_MatchInfo.base,}}
```

6.4.2.36 scc_info_Record

```
PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<::internal::SCCInfo<6>::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Record
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 6, InitDefaultsRecord}, {&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_AccessRecord.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Tracklet.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Template.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateIds.base, {}}}
```

6.4.2.37 scc_info_RecordList

```
PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<::internal::SCCInfo<1>::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_RecordList
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1, InitDefaultsRecordList}, {&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Record.base, {}}}
```

6.4.2.38 scc_info_SearchOptions

```
PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf<::internal::SCCInfo<4>::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_SearchOptions
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 4, InitDefaultsSearchOptions}, {&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_StringOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_FloatOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_IntOption.base, &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BoolOption.base, {}}}
```

6.4.2.39 scc_info_StringOption

```
google::protobuf::internal::SCCInfo<0>::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_StringOption
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0, InitDefaultsStringOption}, {}}}
```

6.4.2.40 scc_info_Template

```
PROTOBUF_INTERNAL_EXPORT_PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::GOOGLE::PROTOBUF<SCCInfo<1>> PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::SCC_INFO_TEMPLATE
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1, InitDefaultsTemplate},  
 {&protoBufBriar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarVector.base,}}
```

6.4.2.41 scc_info_TemplateIds

```
PROTOBUF_INTERNAL_EXPORT_PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::GOOGLE::PROTOBUF<SCCInfo<0>> PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::SCC_INFO_TEMPLATEIDS
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,  
 InitDefaultsTemplateIds}, {}}
```

6.4.2.42 scc_info_TemplateImageInput

```
::GOOGLE::PROTOBUF::INTERNAL::SCCINFO<2> PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::SCC_INFO_TEMPLATEIMAGEINPUT
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,  
 InitDefaultsTemplateImageInput},  
 {&protoBufBriar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,  
 &protoBufBriar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarRect.base,}}
```

6.4.2.43 scc_info_TemplateList

```
PROTOBUF_INTERNAL_EXPORT_PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::GOOGLE::PROTOBUF<SCCInfo<1>> PROTOBUF_BRIAR_2FBRIAR_5FGRPC_2FBRIAR_2EPROTO::SCC_INFO_TEMPLATELIST
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,  
 InitDefaultsTemplateList},  
 {&protoBufBriar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Template.base,}}
```

6.4.2.44 scc_info_TemplateListGroup

```
::google::protobuf::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateListGroup
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
    InitDefaultsTemplateListGroup}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateList.base, }}
```

6.4.2.45 scc_info_TrackingOptions

```
google::protobuf::internal::SCCInfo< 5 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TrackingOptions
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 5,
    InitDefaultsTrackingOptions}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_StringOption.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BoolOption.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_FloatOption.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_IntOption.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base, }}
```

6.4.2.46 scc_info_Tracklet

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::google::protobuf::internal::SCCInfo< 3 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Tracklet
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3, InitDefaultsTracklet},
    {
        &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection.base,
        &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,
        &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TrackingOptions.base, }}
```

6.4.2.47 static_descriptor_initializer

```
struct protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::StaticDescriptorInitializer protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::static_descriptor_initializer
```

6.5 protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto Namespace Reference

Classes

- struct [StaticDescriptorInitializer](#)
- struct [TableStruct](#)

Functions

- void [AddDescriptors\(\)](#)
- void [AddDescriptorImpl\(\)](#)
- const ::google::protobuf::uint32 [TableStruct::offsets\[\] GOOGLE_PROTOBUF_ATTRIBUTE_SECTION_VARIABLE](#)(protodesc_cold)
- void [InitDefaults\(\)](#)
- void [protobuf_AssignDescriptors\(\)](#)
- void [protobuf_AssignDescriptorsOnce\(\)](#)
- void [protobuf_RegisterTypes\(const ::std::string &\) GOOGLE_PROTOBUF_ATTRIBUTE_COLD](#)

Variables

- const ::google::protobuf::EnumDescriptor * [file_level_enum_descriptors\[1\]](#)
- ::google::protobuf::Metadata [file_level_metadata\[2\]](#)
- ::google::protobuf::internal::SCCInfo<0> [scc_info_BriarErrorMessage](#)
- ::google::protobuf::internal::SCCInfo<0> [scc_info_BriarErrors](#)
- struct [protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::StaticDescriptorInitializer static_descriptor_initializer](#)

6.5.1 Function Documentation

6.5.1.1 AddDescriptors()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::AddDescriptors( )
```

6.5.1.2 AddDescriptorImpl()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::AddDescriptorImpl( )
```

6.5.1.3 GOOGLE_PROTOBUF_ATTRIBUTE_SECTION_VARIABLE()

```
const ::google::protobuf::uint32 TableStruct::offsets\[\] protobuf\_briar\_2fbriar\_5fgrpc\_2fbriar\_5ferror\_2eproto::GOOGLE\_PROTOBUF\_ATTRIBUTE\_SECTION\_VARIABLE(  
    protodesc_cold )
```

6.5.1.4 InitDefaults()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::InitDefaults( )
```

6.5.1.5 protobuf_AssignDescriptors()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::protobuf_AssignDescriptors ( )
```

6.5.1.6 protobuf_AssignDescriptorsOnce()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::protobuf_AssignDescriptorsOnce ( )
```

6.5.1.7 protobuf_RegisterTypes()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::protobuf_RegisterTypes ( const ::std::string & )
```

6.5.2 Variable Documentation

6.5.2.1 file_level_enum_descriptors

```
const ::google::protobuf::EnumDescriptor* protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::file_level_enum_descriptors[1]
```

6.5.2.2 file_level_metadata

```
::google::protobuf::Metadata protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::file_level_metadata[2]
```

6.5.2.3 scc_info_BriarErrorMessage

```
::google::protobuf::internal::SCCInfo<0> protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrorMessage
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0, InitDefaultsBriarErrorMessage}, {}}
```

6.5.2.4 scc_info_BriarErrors

```
PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0, InitDefaultsBriarErrors}, {}}
```

6.5.2.5 static_descriptor_initializer

```
struct protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::StaticDescriptorInitializer
protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::static_descriptor_initializer
```

6.6 protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto Namespace Reference

Classes

- struct [StaticDescriptorInitializer](#)
- struct [TableStruct](#)

Functions

- void [AddDescriptors \(\)](#)
- void [AddDescriptorsImpl \(\)](#)
- const ::google::protobuf::uint32 [TableStruct::offsets\[\] GOOGLE_PROTOBUF_ATTRIBUTE_SECTION_VARIABLE](#) (protodesc_cold)
- void [InitDefaults \(\)](#)
- void [protobuf_AssignDescriptors \(\)](#)
- void [protobuf_AssignDescriptorsOnce \(\)](#)
- void [protobuf_RegisterTypes \(const ::std::string &\) GOOGLE_PROTOBUF_ATTRIBUTE_COLD](#)

Variables

- ::google::protobuf::Metadata [file_level_metadata \[43\]](#)
- ::google::protobuf::internal::SCCInfo< 5 > [scc_info_ClusterReply](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_ClusterRequest](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_DatabaseCreateReply](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_DatabaseCreateRequest](#)
- ::google::protobuf::internal::SCCInfo< 2 > [scc_info_DatabaseDeleteReply](#)
- ::google::protobuf::internal::SCCInfo< 2 > [scc_info_DatabaseDeleteRequest](#)
- ::google::protobuf::internal::SCCInfo< 2 > [scc_info_DatabaseFinalizeReply](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_DatabaseFinalizeRequest](#)
- ::google::protobuf::internal::SCCInfo< 2 > [scc_info_DatabaseInfoReply](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_DatabaseInfoRequest](#)

- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_DatabaseInsertReply](#)
- ::google::protobuf::internal::SCCInfo< 4 > [scc_info_DatabaseInsertRequest](#)
- ::google::protobuf::internal::SCCInfo< 2 > [scc_info_DatabaseListentriesReply](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_DatabaseListEntriesRequest](#)
- ::google::protobuf::internal::SCCInfo< 0 > [scc_info_DatabaseListReply](#)
- ::google::protobuf::internal::SCCInfo< 0 > [scc_info_DatabaseListRequest](#)
- ::google::protobuf::internal::SCCInfo< 4 > [scc_info_DatabaseLoadReply](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_DatabaseLoadRequest](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_DatabaseMergeReply](#)
- ::google::protobuf::internal::SCCInfo< 2 > [scc_info_DatabaseMergeRequest](#)
- ::google::protobuf::internal::SCCInfo< 2 > [scc_info_DatabaseRemoveTmplsReply](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_DatabaseRemoveTmplsRequest](#)
- ::google::protobuf::internal::SCCInfo< 2 > [scc_info_DatabaseRenameReply](#)
- ::google::protobuf::internal::SCCInfo< 1 > [scc_info_DatabaseRenameRequest](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_DatabaseRetrieveReply](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_DatabaseRetrieveRequest](#)
- **PROTOBUF_INTERNAL_EXPORT** [protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto](#) ::google↔
 ::protobuf::internal::SCCInfo< 5 > [scc_info_DetectReply](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_DetectRequest](#)
- ::google::protobuf::internal::SCCInfo< 0 > [scc_info_Empty](#)
- ::google::protobuf::internal::SCCInfo< 4 > [scc_info_EnhanceReply](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_EnhanceRequest](#)
- ::google::protobuf::internal::SCCInfo< 7 > [scc_info_EnrollReply](#)
- ::google::protobuf::internal::SCCInfo< 10 > [scc_info_EnrollRequest](#)
- **PROTOBUF_INTERNAL_EXPORT** [protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto](#) ::google↔
 ::protobuf::internal::SCCInfo< 7 > [scc_info_ExtractReply](#)
- ::google::protobuf::internal::SCCInfo< 5 > [scc_info_ExtractRequest](#)
- ::google::protobuf::internal::SCCInfo< 9 > [scc_info_SearchReply](#)
- ::google::protobuf::internal::SCCInfo< 10 > [scc_info_SearchRequest](#)
- ::google::protobuf::internal::SCCInfo< 2 > [scc_info_StatusReply](#)
- ::google::protobuf::internal::SCCInfo< 0 > [scc_info_StatusRequest](#)
- **PROTOBUF_INTERNAL_EXPORT** [protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto](#) ::google↔
 ::protobuf::internal::SCCInfo< 4 > [scc_info_TrackReply](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_TrackRequest](#)
- ::google::protobuf::internal::SCCInfo< 3 > [scc_info_VerifyReply](#)
- ::google::protobuf::internal::SCCInfo< 5 > [scc_info_VerifyRequest](#)
- struct [protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::StaticDescriptorInitializer](#) static_descriptor_initializer

6.6.1 Function Documentation

6.6.1.1 AddDescriptors()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::AddDescriptors ( )
```

6.6.1.2 AddDescriptorsImpl()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::AddDescriptorsImpl ( )
```

6.6.1.3 GOOGLE_PROTOBUF_ATTRIBUTE_SECTION_VARIABLE()

```
const ::google::protobuf::uint32 TableStruct::offsets [] protobuf_briar_2fbriar_5fgrpc_←
2fbriar_5fservice_2eproto::GOOGLE_PROTOBUF_ATTRIBUTE_SECTION_VARIABLE (
    protodesc_cold )
```

6.6.1.4 InitDefaults()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::InitDefaults ( )
```

6.6.1.5 protobuf_AssignDescriptors()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::protobuf_AssignDescriptors ( )
```

6.6.1.6 protobuf_AssignDescriptorsOnce()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::protobuf_AssignDescriptorsOnce ( )
```

6.6.1.7 protobuf_RegisterTypes()

```
void protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::protobuf_RegisterTypes ( const ::std::string & )
```

6.6.2 Variable Documentation

6.6.2.1 file_level_metadata

```
::google::protobuf::Metadata protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::file_←
level_metadata[43]
```

6.6.2.2 scc_info_ClusterReply

```
::google::protobuf::internal::SCCInfo<5> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<->
2eproto::scc_info_ClusterReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 5,
   InitDefaultsClusterReply}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ClusterIds.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ClusterConfidence.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarProgress.base,}}
```

6.6.2.3 scc_info_ClusterRequest

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<->
2eproto::scc_info_ClusterRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,
   InitDefaultsClusterRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabase.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EvalConfig.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.4 scc_info_DatabaseCreateReply

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<->
2eproto::scc_info_DatabaseCreateReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,
   InitDefaultsDatabaseCreateReply}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateIds.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.5 scc_info_DatabaseCreateRequest

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<->
2eproto::scc_info_DatabaseCreateRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,
   InitDefaultsDatabaseCreateRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateList.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateIds.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.6 scc_info_DatabaseDeleteReply

```
::google::protobuf::internal::SCCInfo<2> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseDeleteReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,
  InitDefaultsDatabaseDeleteReply}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.7 scc_info_DatabaseDeleteRequest

```
::google::protobuf::internal::SCCInfo<2> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseDeleteRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,
  InitDefaultsDatabaseDeleteRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabase.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.8 scc_info_DatabaseFinalizeReply

```
::google::protobuf::internal::SCCInfo<2> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseFinalizeReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,
  InitDefaultsDatabaseFinalizeReply}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.9 scc_info_DatabaseFinalizeRequest

```
::google::protobuf::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseFinalizeRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
  InitDefaultsDatabaseFinalizeRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabase.base,}}
```

6.6.2.10 scc_info_DatabaseInfoReply

```
::google::protobuf::internal::SCCInfo<2> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseInfoReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,
  InitDefaultsDatabaseInfoReply}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabaseInfo.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.11 scc_info_DatabaseInfoRequest

```
::google::protobuf::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseInfoRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
  InitDefaultsDatabaseInfoRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.12 scc_info_DatabaseInsertReply

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseInsertReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,
  InitDefaultsDatabaseInsertReply}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateIds.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.13 scc_info_DatabaseInsertRequest

```
::google::protobuf::internal::SCCInfo<4> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseInsertRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 4,
  InitDefaultsDatabaseInsertRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabase.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateList.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateIds.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.14 scc_info_DatabaseListentriesReply

```
::google::protobuf::internal::SCCInfo<2> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_←
2eproto::scc_info_DatabaseListentriesReply
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,
  InitDefaultsDatabaseListentriesReply}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.15 scc_info_DatabaseListEntriesRequest

```
::google::protobuf::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_←
2eproto::scc_info_DatabaseListEntriesRequest
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
  InitDefaultsDatabaseListEntriesRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.16 scc_info_DatabaseListReply

```
::google::protobuf::internal::SCCInfo<0> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_←
2eproto::scc_info_DatabaseListReply
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
  InitDefaultsDatabaseListReply}, {}}
```

6.6.2.17 scc_info_DatabaseListRequest

```
::google::protobuf::internal::SCCInfo<0> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_←
2eproto::scc_info_DatabaseListRequest
```

Initial value:

```
=
{{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
  InitDefaultsDatabaseListRequest}, {}}
```

6.6.2.18 scc_info_DatabaseLoadReply

```
::google::protobuf::internal::SCCInfo<4> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-  
2eproto::scc_info_DatabaseLoadReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 4,  
  InitDefaultsDatabaseLoadReply}, {  
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateIds.base,  
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_RecordList.base,  
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,  
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.19 scc_info_DatabaseLoadRequest

```
::google::protobuf::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-  
2eproto::scc_info_DatabaseLoadRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,  
  InitDefaultsDatabaseLoadRequest}, {  
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.20 scc_info_DatabaseMergeReply

```
::google::protobuf::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-  
2eproto::scc_info_DatabaseMergeReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,  
  InitDefaultsDatabaseMergeReply}, {  
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.21 scc_info_DatabaseMergeRequest

```
::google::protobuf::internal::SCCInfo<2> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-  
2eproto::scc_info_DatabaseMergeRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,  
  InitDefaultsDatabaseMergeRequest}, {  
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabase.base,  
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.22 scc_info_DatabaseRemoveTmplsReply

```
::google::protobuf::internal::SCCInfo<2> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseRemoveTmplsReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,
    InitDefaultsDatabaseRemoveTmplsReply}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.23 scc_info_DatabaseRemoveTmplsRequest

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseRemoveTmplsRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,
    InitDefaultsDatabaseRemoveTmplsRequest}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabase.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateIds.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.24 scc_info_DatabaseRenameReply

```
::google::protobuf::internal::SCCInfo<2> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseRenameReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,
    InitDefaultsDatabaseRenameReply}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.25 scc_info_DatabaseRenameRequest

```
::google::protobuf::internal::SCCInfo<1> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-
2eproto::scc_info_DatabaseRenameRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 1,
    InitDefaultsDatabaseRenameRequest}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabase.base,}}
```

6.6.2.26 scc_info_DatabaseRetrieveReply

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_DatabaseRetrieveReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,
  InitDefaultsDatabaseRetrieveReply}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateList.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.27 scc_info_DatabaseRetrieveRequest

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_DatabaseRetrieveRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,
  InitDefaultsDatabaseRetrieveRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabase.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateIds.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,}}
```

6.6.2.28 scc_info_DetectReply

```
google::protobuf::internal::SCCInfo< 5 > protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_DetectReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 5,
  InitDefaultsDetectReply}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarProgress.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,}}
```

6.6.2.29 scc_info_DetectRequest

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_DetectRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,
  InitDefaultsDetectRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_DetectionOptions.base,}}
```

6.6.2.30 scc_info_Empty

```
::google::protobuf::internal::SCCInfo<0> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-  
2eproto::scc_info_Empty
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0, InitDefaultsEmpty}, {}}
```

6.6.2.31 scc_info_EnhanceReply

```
::google::protobuf::internal::SCCInfo<4> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-  
2eproto::scc_info_EnhanceReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 4,  
InitDefaultsEnhanceReply}, {  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarProgress.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.32 scc_info_EnhanceRequest

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-  
2eproto::scc_info_EnhanceRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,  
InitDefaultsEnhanceRequest}, {  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EnhanceOptions.base,}}
```

6.6.2.33 scc_info_EnrollReply

```
::google::protobuf::internal::SCCInfo<7> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<-  
2eproto::scc_info_EnrollReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 7,  
InitDefaultsEnrollReply}, {  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_DetectReply.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_ExtractReply.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EnrollmentInfo.base,  
&protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarProgress.base,}}
```

6.6.2.34 scc_info_EnrollRequest

```
::google::protobuf::internal::SCCInfo<10> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<→
2eproto::scc_info_EnrollRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 10,
  InitDefaultsEnrollRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabase.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarTrack.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Template.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Record.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_DetectionOptions.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ExtractOptions.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EnrollOptions.base,}}
```

6.6.2.35 scc_info_ExtractReply

```
google::protobuf::internal::SCCInfo< 7 > protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<→
2eproto::scc_info_ExtractReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 7,
  InitDefaultsExtractReply}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Template.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_DetectReply.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_TrackReply.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarProgress.base,}}
```

6.6.2.36 scc_info_ExtractRequest

```
::google::protobuf::internal::SCCInfo<5> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_<→
2eproto::scc_info_ExtractRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 5,
  InitDefaultsExtractRequest}, {
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_DetectionOptions.base,
  &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ExtractOptions.base,}}
```

6.6.2.37 scc_info_SearchReply

```
::google::protobuf::internal::SCCInfo<9> protobuf_briar_2fbiar_5fgRPC_2fbiar_5fservice_<-
2eproto::scc_info_SearchReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 9,
    InitDefaultsSearchReply}, {
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_MatchList.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_Detection.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_BriarDurations.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_5fservice_2eproto::scc_info_DetectReply.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_5fservice_2eproto::scc_info_ExtractReply.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_5fservice_2eproto::scc_info_Attribute.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_BriarMatrix.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_5ferror_2eproto::scc_info_BriarErrors.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_BriarProgress.base,}}
```

6.6.2.38 scc_info_SearchRequest

```
::google::protobuf::internal::SCCInfo<10> protobuf_briar_2fbiar_5fgRPC_2fbiar_5fservice_<-
2eproto::scc_info_SearchRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 10,
    InitDefaultsSearchRequest}, {
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_Attribute.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_Detection.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_TemplateList.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_BriarDatabase.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_EvalConfig.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_Record.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_BriarDurations.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_DetectionOptions.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_ExtractOptions.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_SearchOptions.base,}}
```

6.6.2.39 scc_info_StatusReply

```
::google::protobuf::internal::SCCInfo<2> protobuf_briar_2fbiar_5fgRPC_2fbiar_5fservice_<-
2eproto::scc_info_StatusReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 2,
    InitDefaultsStatusReply}, {
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_APIVersion.base,
    &protobuf_briar_2fbiar_5fgRPC_2fbiar_2eproto::scc_info_Attribute.base,}}
```

6.6.2.40 scc_info_StatusRequest

```
::google::protobuf::internal::SCCInfo<0> protobuf_briar_2fbiar_5fgRPC_2fbiar_5fservice_<-
2eproto::scc_info_StatusRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 0,
    InitDefaultsStatusRequest}, {}}
```

6.6.2.41 scc_info_TrackReply

```
google::protobuf::internal::SCCInfo< 4 > protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_TrackReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 4,
    InitDefaultsTrackReply}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Tracklet.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarProgress.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.42 scc_info_TrackRequest

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_TrackRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,
    InitDefaultsTrackRequest}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_DetectionOptions.base,}}
```

6.6.2.43 scc_info_VerifyReply

```
::google::protobuf::internal::SCCInfo<3> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_VerifyReply
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 3,
    InitDefaultsVerifyReply}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_MatchList.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors.base,}}
```

6.6.2.44 scc_info_VerifyRequest

```
::google::protobuf::internal::SCCInfo<5> protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_VerifyRequest
```

Initial value:

```
= {{ATOMIC_VAR_INIT(::google::protobuf::internal::SCCInfoBase::kUninitialized), 5,
    InitDefaultsVerifyRequest}, {
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateList.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations.base,
    &protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EvalConfig.base,}}
```

6.6.2.45 static_descriptor_initializer

```
struct protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::StaticDescriptorInitializer
protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::static_descriptor_initializer
```

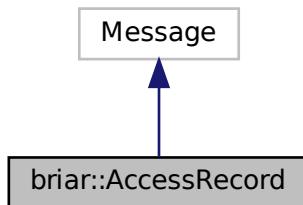

Chapter 7

Class Documentation

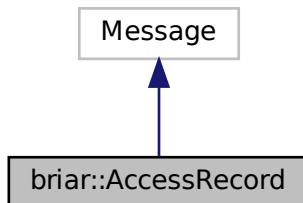
7.1 briar::AccessRecord Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::AccessRecord:



Collaboration diagram for briar::AccessRecord:



Public Member Functions

- `AccessRecord ()`
- `AccessRecord (const AccessRecord &from)`
- `::briar::Attribute * add_metadata ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_credential ()`
- `void clear_datetime ()`
- `void clear_metadata ()`
- `void clear_notes ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const AccessRecord &from)`
- `const ::std::string & credential () const`
- `const ::std::string & datetime () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const AccessRecord &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & metadata () const`
- `const ::briar::Attribute & metadata (int index) const`
- `int metadata_size () const`
- `::std::string * mutable_credential ()`
- `::std::string * mutable_datetime ()`
- `::google::protobuf::RepeatedPtrField< ::briar::Attribute > * mutable_metadata ()`
- `::briar::Attribute * mutable_metadata (int index)`
- `::std::string * mutable_notes ()`
- `AccessRecord * New () const final`
- `AccessRecord * New (::google::protobuf::Arena *arena) const final`
- `const ::std::string & notes () const`
- `AccessRecord & operator= (const AccessRecord &from)`
- `::std::string * release_credential ()`
- `::std::string * release_datetime ()`
- `::std::string * release_notes ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_credential (::std::string *credential)`
- `void set_allocated_datetime (::std::string *datetime)`
- `void set_allocated_notes (::std::string *notes)`
- `void set_credential (const ::std::string &value)`
- `void set_credential (const char *value)`
- `void set_credential (const char *value, size_t size)`
- `void set_datetime (const ::std::string &value)`
- `void set_datetime (const char *value)`
- `void set_datetime (const char *value, size_t size)`
- `void set_notes (const ::std::string &value)`
- `void set_notes (const char *value)`
- `void set_notes (const char *value, size_t size)`
- `void Swap (AccessRecord *other)`
- `virtual ~AccessRecord ()`

Static Public Member Functions

- static const `AccessRecord & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `AccessRecord * internal_default_instance ()`

Static Public Attributes

- static const int `kCredentialFieldNumber = 3`
- static const int `kDatetimeFieldNumber = 1`
- static constexpr int `kIndexInFileMessages`
- static const int `kMetadataFieldNumber = 4`
- static const int `kNotesFieldNumber = 2`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (AccessRecord &a, AccessRecord &b)`

7.1.1 Constructor & Destructor Documentation

7.1.1.1 `AccessRecord()` [1/2]

```
briar::AccessRecord::AccessRecord ( )
```

7.1.1.2 `~AccessRecord()`

```
briar::AccessRecord::~AccessRecord ( ) [virtual]
```

7.1.1.3 `AccessRecord()` [2/2]

```
briar::AccessRecord::AccessRecord (
    const AccessRecord & from )
```

7.1.2 Member Function Documentation

7.1.2.1 `add_metadata()`

```
briar::Attribute * briar::AccessRecord::add_metadata ( ) [inline]
```

7.1.2.2 `ByteSizeLong()`

```
size_t briar::AccessRecord::ByteSizeLong ( ) const [final]
```

7.1.2.3 `Clear()`

```
void briar::AccessRecord::Clear ( ) [final]
```

7.1.2.4 `clear_credential()`

```
void briar::AccessRecord::clear_credential ( ) [inline]
```

7.1.2.5 `clear_datetime()`

```
void briar::AccessRecord::clear_datetime ( ) [inline]
```

7.1.2.6 `clear_metadata()`

```
void briar::AccessRecord::clear_metadata ( ) [inline]
```

7.1.2.7 `clear_notes()`

```
void briar::AccessRecord::clear_notes ( ) [inline]
```

7.1.2.8 `CopyFrom()` [1/2]

```
void briar::AccessRecord::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.1.2.9 CopyFrom() [2/2]

```
void briar::AccessRecord::CopyFrom (
    const AccessRecord & from )
```

7.1.2.10 credential()

```
const ::std::string & briar::AccessRecord::credential () const [inline]
```

7.1.2.11 datetime()

```
const ::std::string & briar::AccessRecord::datetime () const [inline]
```

7.1.2.12 default_instance()

```
const AccessRecord & briar::AccessRecord::default_instance () [static]
```

7.1.2.13 descriptor()

```
const ::google::protobuf::Descriptor * briar::AccessRecord::descriptor () [static]
```

7.1.2.14 GetCachedSize()

```
int briar::AccessRecord::GetCachedSize () const [inline], [final]
```

7.1.2.15 GetMetadata()

```
google::protobuf::Metadata briar::AccessRecord::GetMetadata () const [final]
```

7.1.2.16 `InitAsDefaultInstance()`

```
void briar::AccessRecord::InitAsDefaultInstance ( ) [static]
```

7.1.2.17 `internal_default_instance()`

```
static const AccessRecord* briar::AccessRecord::internal_default_instance ( ) [inline], [static]
```

7.1.2.18 `InternalSerializeWithCachedSizesToArray()`

```
google::protobuf::uint8 * briar::AccessRecord::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.1.2.19 `IsInitialized()`

```
bool briar::AccessRecord::IsInitialized ( ) const [final]
```

7.1.2.20 `MergeFrom()` [1/2]

```
void briar::AccessRecord::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.1.2.21 `MergeFrom()` [2/2]

```
void briar::AccessRecord::MergeFrom (   
    const AccessRecord & from )
```

7.1.2.22 `MergePartialFromCodedStream()`

```
bool briar::AccessRecord::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.1.2.23 metadata() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::AccessRecord::metadata()
() const [inline]
```

7.1.2.24 metadata() [2/2]

```
const ::briar::Attribute & briar::AccessRecord::metadata(
    int index) const [inline]
```

7.1.2.25 metadata_size()

```
int briar::AccessRecord::metadata_size() const [inline]
```

7.1.2.26 mutable_credential()

```
std::string * briar::AccessRecord::mutable_credential() [inline]
```

7.1.2.27 mutable_datetime()

```
std::string * briar::AccessRecord::mutable_datetime() [inline]
```

7.1.2.28 mutable_metadata() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::AccessRecord::mutable_<-
metadata() [inline]
```

7.1.2.29 mutable_metadata() [2/2]

```
briar::Attribute * briar::AccessRecord::mutable_metadata(
    int index) [inline]
```

7.1.2.30 `mutable_notes()`

```
std::string * briar::AccessRecord::mutable_notes ( ) [inline]
```

7.1.2.31 `New() [1/2]`

```
AccessRecord* briar::AccessRecord::New ( ) const [inline], [final]
```

7.1.2.32 `New() [2/2]`

```
AccessRecord* briar::AccessRecord::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.1.2.33 `notes()`

```
const ::std::string & briar::AccessRecord::notes ( ) const [inline]
```

7.1.2.34 `operator=()`

```
AccessRecord& briar::AccessRecord::operator= ( const AccessRecord & from ) [inline]
```

7.1.2.35 `release_credential()`

```
std::string * briar::AccessRecord::release_credential ( ) [inline]
```

7.1.2.36 `release_datetime()`

```
std::string * briar::AccessRecord::release_datetime ( ) [inline]
```

7.1.2.37 release_notes()

```
std::string * briar::AccessRecord::release_notes ( ) [inline]
```

7.1.2.38 SerializeWithCachedSizes()

```
void briar::AccessRecord::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.1.2.39 set_allocated_credential()

```
void briar::AccessRecord::set_allocated_credential (
    ::std::string * credential ) [inline]
```

7.1.2.40 set_allocated_datetime()

```
void briar::AccessRecord::set_allocated_datetime (
    ::std::string * datetime ) [inline]
```

7.1.2.41 set_allocated_notes()

```
void briar::AccessRecord::set_allocated_notes (
    ::std::string * notes ) [inline]
```

7.1.2.42 set_credential() [1/3]

```
void briar::AccessRecord::set_credential (
    const ::std::string & value ) [inline]
```

7.1.2.43 set_credential() [2/3]

```
void briar::AccessRecord::set_credential (
    const char * value ) [inline]
```

7.1.2.44 set_credential() [3/3]

```
void briar::AccessRecord::set_credential (
    const char * value,
    size_t size ) [inline]
```

7.1.2.45 set_datetime() [1/3]

```
void briar::AccessRecord::set_datetime (
    const ::std::string & value ) [inline]
```

7.1.2.46 set_datetime() [2/3]

```
void briar::AccessRecord::set_datetime (
    const char * value ) [inline]
```

7.1.2.47 set_datetime() [3/3]

```
void briar::AccessRecord::set_datetime (
    const char * value,
    size_t size ) [inline]
```

7.1.2.48 set_notes() [1/3]

```
void briar::AccessRecord::set_notes (
    const ::std::string & value ) [inline]
```

7.1.2.49 set_notes() [2/3]

```
void briar::AccessRecord::set_notes (
    const char * value ) [inline]
```

7.1.2.50 set_notes() [3/3]

```
void briar::AccessRecord::set_notes (
    const char * value,
    size_t size ) [inline]
```

7.1.2.51 Swap()

```
void briar::AccessRecord::Swap (
    AccessRecord * other )
```

7.1.3 Friends And Related Function Documentation

7.1.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.1.3.2 swap

```
void swap (
    AccessRecord & a,
    AccessRecord & b ) [friend]
```

7.1.4 Member Data Documentation

7.1.4.1 kCredentialFieldNumber

```
const int briar::AccessRecord::kCredentialFieldNumber = 3 [static]
```

7.1.4.2 kDatetimeFieldNumber

```
const int briar::AccessRecord::kDatetimeFieldNumber = 1 [static]
```

7.1.4.3 kIndexInFileMessages

```
constexpr int briar::AccessRecord::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 27
```

7.1.4.4 kMetadataFieldNumber

```
const int briar::AccessRecord::kMetadataFieldNumber = 4 [static]
```

7.1.4.5 kNotesFieldNumber

```
const int briar::AccessRecord::kNotesFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.2 briar::AccessRecordDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[AccessRecord](#)> [_instance](#)

7.2.1 Member Data Documentation

7.2.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<AccessRecord> briar::AccessRecordDefault<->
TypeInternal:::_instance
```

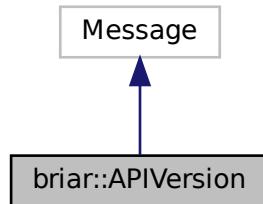
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

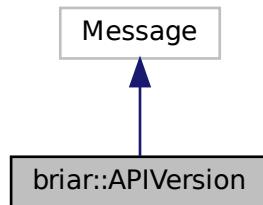
7.3 briar::APIVersion Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::APIVersion:



Collaboration diagram for briar::APIVersion:



Public Member Functions

- [APIVersion \(\)](#)
- [APIVersion \(const APIVersion &from\)](#)
- [size_t ByteSizeLong \(\) const final](#)
- [void Clear \(\) final](#)
- [void clear_major \(\)](#)
- [void clear_minor \(\)](#)
- [void clear_patch \(\)](#)
- [void CopyFrom \(const ::google::protobuf::Message &from\) final](#)
- [void CopyFrom \(const APIVersion &from\)](#)
- [int GetCachedSize \(\) const final](#)
- [::google::protobuf::Metadata GetMetadata \(\) const final](#)
- [::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray \(bool deterministic, ::google::protobuf::uint8 *target\) const final](#)
- [bool IsInitialized \(\) const final](#)

- ::google::protobuf::int32 `major` () const
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const APIVersion &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::google::protobuf::int32 `minor` () const
- APIVersion * `New` () const final
- APIVersion * `New` (::google::protobuf::Arena *arena) const final
- APIVersion & `operator=` (const APIVersion &from)
- ::google::protobuf::int32 `patch` () const
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_major` (::google::protobuf::int32 value)
- void `set_minor` (::google::protobuf::int32 value)
- void `set_patch` (::google::protobuf::int32 value)
- void `Swap` (APIVersion *other)
- virtual ~APIVersion ()

Static Public Member Functions

- static const APIVersion & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const APIVersion * `internal_default_instance` ()

Static Public Attributes

- static constexpr int `kIndexInFileMessages`
- static const int `kMajorFieldNumber` = 1
- static const int `kMinorFieldNumber` = 2
- static const int `kPatchFieldNumber` = 3

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void `swap` (APIVersion &a, APIVersion &b)

7.3.1 Constructor & Destructor Documentation

7.3.1.1 APIVersion() [1/2]

```
briar::APIVersion::APIVersion ( )
```

7.3.1.2 ~APIVersion()

```
briar::APIVersion::~APIVersion ( ) [virtual]
```

7.3.1.3 APIVersion() [2/2]

```
briar::APIVersion::APIVersion (
    const APIVersion & from )
```

7.3.2 Member Function Documentation

7.3.2.1 ByteSizeLong()

```
size_t briar::APIVersion::ByteSizeLong ( ) const [final]
```

7.3.2.2 Clear()

```
void briar::APIVersion::Clear ( ) [final]
```

7.3.2.3 clear_major()

```
void briar::APIVersion::clear_major ( ) [inline]
```

7.3.2.4 clear_minor()

```
void briar::APIVersion::clear_minor ( ) [inline]
```

7.3.2.5 clear_patch()

```
void briar::APIVersion::clear_patch ( ) [inline]
```

7.3.2.6 CopyFrom() [1/2]

```
void briar::APIVersion::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.3.2.7 CopyFrom() [2/2]

```
void briar::APIVersion::CopyFrom (
    const APIVersion & from)
```

7.3.2.8 default_instance()

```
const APIVersion & briar::APIVersion::default_instance () [static]
```

7.3.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::APIVersion::descriptor () [static]
```

7.3.2.10 GetCachedSize()

```
int briar::APIVersion::GetCachedSize () const [inline], [final]
```

7.3.2.11 GetMetadata()

```
google::protobuf::Metadata briar::APIVersion::GetMetadata () const [final]
```

7.3.2.12 InitAsDefaultInstance()

```
void briar::APIVersion::InitAsDefaultInstance () [static]
```

7.3.2.13 internal_default_instance()

```
static const APIVersion* briar::APIVersion::internal_default_instance ( ) [inline], [static]
```

7.3.2.14 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::APIVersion::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.3.2.15 IsInitialized()

```
bool briar::APIVersion::IsInitialized ( ) const [final]
```

7.3.2.16 major()

```
google::protobuf::int32 briar::APIVersion::major ( ) const [inline]
```

7.3.2.17 MergeFrom() [1/2]

```
void briar::APIVersion::MergeFrom ( const ::google::protobuf::Message & from ) [final]
```

7.3.2.18 MergeFrom() [2/2]

```
void briar::APIVersion::MergeFrom ( const APIVersion & from )
```

7.3.2.19 MergePartialFromCodedStream()

```
bool briar::APIVersion::MergePartialFromCodedStream ( ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.3.2.20 minor()

```
google::protobuf::int32 briar::APIVersion::minor ( ) const [inline]
```

7.3.2.21 New() [1/2]

```
APIVersion* briar::APIVersion::New ( ) const [inline], [final]
```

7.3.2.22 New() [2/2]

```
APIVersion* briar::APIVersion::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.3.2.23 operator=()

```
APIVersion& briar::APIVersion::operator= ( const APIVersion & from ) [inline]
```

7.3.2.24 patch()

```
google::protobuf::int32 briar::APIVersion::patch ( ) const [inline]
```

7.3.2.25 SerializeWithCachedSizes()

```
void briar::APIVersion::SerializeWithCachedSizes ( ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.3.2.26 set_major()

```
void briar::APIVersion::set_major ( ::google::protobuf::int32 value ) [inline]
```

7.3.2.27 set_minor()

```
void briar::APIVersion::set_minor (
    ::google::protobuf::int32 value ) [inline]
```

7.3.2.28 set_patch()

```
void briar::APIVersion::set_patch (
    ::google::protobuf::int32 value ) [inline]
```

7.3.2.29 Swap()

```
void briar::APIVersion::Swap (
    APIVersion * other )
```

7.3.3 Friends And Related Function Documentation

7.3.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.3.3.2 swap

```
void swap (
    APIVersion & a,
    APIVersion & b ) [friend]
```

7.3.4 Member Data Documentation

7.3.4.1 kIndexInFileMessages

```
constexpr int briar::APIVersion::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 0
```

7.3.4.2 kMajorFieldNumber

```
const int briar::APIVersion::kMajorFieldNumber = 1 [static]
```

7.3.4.3 kMinorFieldNumber

```
const int briar::APIVersion::kMinorFieldNumber = 2 [static]
```

7.3.4.4 kPatchFieldNumber

```
const int briar::APIVersion::kPatchFieldNumber = 3 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.4 briar::APIVersionDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[APIVersion](#)> [_instance](#)

7.4.1 Member Data Documentation

7.4.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<APIVersion> briar::APIVersionDefaultTypeInternal::_instance
```

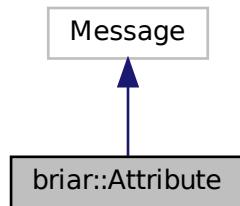
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

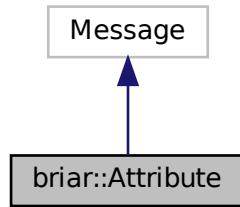
7.5 briar::Attribute Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::Attribute:



Collaboration diagram for briar::Attribute:



Public Member Functions

- `Attribute ()`
- `Attribute (const Attribute &from)`
- `const ::std::string & buffer () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_buffer ()`
- `void clear_description ()`
- `void clear_fvalue ()`
- `void clear_ivalue ()`
- `void clear_json ()`
- `void clear_key ()`
- `void clear_matrix ()`
- `void clear_media ()`
- `void clear_pickle ()`

- void `clear_point()`
- void `clear_rect()`
- void `clear_text()`
- void `clear_vector()`
- void `clear_xml()`
- void `CopyFrom(const ::google::protobuf::Message &from)` final
- void `CopyFrom(const Attribute &from)`
- const ::std::string & `description()` const
- float `fvalue()` const
- int `GetCachedSize()` const final
- ::google::protobuf::Metadata `GetMetadata()` const final
- bool `has_matrix()` const
- bool `has_media()` const
- bool `has_point()` const
- bool `has_rect()` const
- bool `has_vector()` const
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray(bool deterministic, ::google::protobuf::uint8 *target)` const final
- bool `IsInitialized()` const final
- ::google::protobuf::int32 `ivalue()` const
- const ::std::string & `json()` const
- const ::std::string & `key()` const
- const ::briar::BriarMatrix & `matrix()` const
- const ::briar::BriarMedia & `media()` const
- void `MergeFrom(const ::google::protobuf::Message &from)` final
- void `MergeFrom(const Attribute &from)`
- bool `MergePartialFromCodedStream(::google::protobuf::io::CodedInputStream *input)` final
- ::std::string * `mutable_buffer()`
- ::std::string * `mutable_description()`
- ::std::string * `mutable_json()`
- ::std::string * `mutable_key()`
- ::briar::BriarMatrix * `mutable_matrix()`
- ::briar::BriarMedia * `mutable_media()`
- ::std::string * `mutable_pickle()`
- ::briar::BriarPoint2D * `mutable_point()`
- ::briar::BriarRect * `mutable_rect()`
- ::std::string * `mutable_text()`
- ::briar::BriarVector * `mutable_vector()`
- ::std::string * `mutable_xml()`
- `Attribute * New()` const final
- `Attribute * New(::google::protobuf::Arena *arena)` const final
- `Attribute & operator=(const Attribute &from)`
- const ::std::string & `pickle()` const
- const ::briar::BriarPoint2D & `point()` const
- const ::briar::BriarRect & `rect()` const
- ::std::string * `release_buffer()`
- ::std::string * `release_description()`
- ::std::string * `release_json()`
- ::std::string * `release_key()`
- ::briar::BriarMatrix * `release_matrix()`
- ::briar::BriarMedia * `release_media()`
- ::std::string * `release_pickle()`
- ::briar::BriarPoint2D * `release_point()`
- ::briar::BriarRect * `release_rect()`
- ::std::string * `release_text()`

- `::briar::BriarVector * release_vector ()`
- `::std::string * release_xml ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_buffer (::std::string *buffer)`
- `void set_allocated_description (::std::string *description)`
- `void set_allocated_json (::std::string *json)`
- `void set_allocated_key (::std::string *key)`
- `void set_allocated_matrix (::briar::BriarMatrix *matrix)`
- `void set_allocated_media (::briar::BriarMedia *media)`
- `void set_allocated_pickle (::std::string *pickle)`
- `void set_allocated_point (::briar::BriarPoint2D *point)`
- `void set_allocated_rect (::briar::BriarRect *rect)`
- `void set_allocated_text (::std::string *text)`
- `void set_allocated_vector (::briar::BriarVector *vector)`
- `void set_allocated_xml (::std::string *xml)`
- `void set_buffer (const ::std::string &value)`
- `void set_buffer (const char *value)`
- `void set_buffer (const void *value, size_t size)`
- `void set_description (const ::std::string &value)`
- `void set_description (const char *value)`
- `void set_description (const char *value, size_t size)`
- `void set_fvalue (float value)`
- `void set_ivalue (::google::protobuf::int32 value)`
- `void set_json (const ::std::string &value)`
- `void set_json (const char *value)`
- `void set_json (const void *value, size_t size)`
- `void set_key (const ::std::string &value)`
- `void set_key (const char *value)`
- `void set_key (const char *value, size_t size)`
- `void set_pickle (const ::std::string &value)`
- `void set_pickle (const char *value)`
- `void set_pickle (const void *value, size_t size)`
- `void set_text (const ::std::string &value)`
- `void set_text (const char *value)`
- `void set_text (const char *value, size_t size)`
- `void set_xml (const ::std::string &value)`
- `void set_xml (const char *value)`
- `void set_xml (const void *value, size_t size)`
- `void Swap (Attribute *other)`
- `const ::std::string & text () const`
- `const ::briar::BriarVector & vector () const`
- `const ::std::string & xml () const`
- `virtual ~Attribute ()`

Static Public Member Functions

- `static const Attribute & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const Attribute * internal_default_instance ()`

Static Public Attributes

- static const int `kBufferFieldNumber` = 3
- static const int `kDescriptionFieldNumber` = 2
- static const int `kFieldValueNumber` = 4
- static constexpr int `kIndexInFileMessages`
- static const int `kJsonValueNumber` = 5
- static const int `kJsonFieldNumber` = 8
- static const int `kKeyFieldNumber` = 1
- static const int `kMatrixFieldNumber` = 9
- static const int `kMediaFieldNumber` = 11
- static const int `kPickleFieldNumber` = 7
- static const int `kPointFieldNumber` = 12
- static const int `kRectFieldNumber` = 13
- static const int `kTextFieldNumber` = 6
- static const int `kVectorFieldNumber` = 10
- static const int `kXmlFieldNumber` = 14

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap` (`Attribute &a, Attribute &b`)

7.5.1 Constructor & Destructor Documentation

7.5.1.1 `Attribute()` [1/2]

```
briar::Attribute::Attribute ( )
```

7.5.1.2 `~Attribute()`

```
briar::Attribute::~Attribute ( ) [virtual]
```

7.5.1.3 `Attribute()` [2/2]

```
briar::Attribute::Attribute (
    const Attribute & from )
```

7.5.2 Member Function Documentation

7.5.2.1 buffer()

```
const ::std::string & briar::Attribute::buffer () const [inline]
```

7.5.2.2 ByteSizeLong()

```
size_t briar::Attribute::ByteSizeLong () const [final]
```

7.5.2.3 Clear()

```
void briar::Attribute::Clear () [final]
```

7.5.2.4 clear_buffer()

```
void briar::Attribute::clear_buffer () [inline]
```

7.5.2.5 clear_description()

```
void briar::Attribute::clear_description () [inline]
```

7.5.2.6 clear_fvalue()

```
void briar::Attribute::clear_fvalue () [inline]
```

7.5.2.7 clear_ivalue()

```
void briar::Attribute::clear_ivalue () [inline]
```

7.5.2.8 clear_json()

```
void briar::Attribute::clear_json () [inline]
```

7.5.2.9 `clear_key()`

```
void briar::Attribute::clear_key ( ) [inline]
```

7.5.2.10 `clear_matrix()`

```
void briar::Attribute::clear_matrix ( ) [inline]
```

7.5.2.11 `clear_media()`

```
void briar::Attribute::clear_media ( ) [inline]
```

7.5.2.12 `clear_pickle()`

```
void briar::Attribute::clear_pickle ( ) [inline]
```

7.5.2.13 `clear_point()`

```
void briar::Attribute::clear_point ( ) [inline]
```

7.5.2.14 `clear_rect()`

```
void briar::Attribute::clear_rect ( ) [inline]
```

7.5.2.15 `clear_text()`

```
void briar::Attribute::clear_text ( ) [inline]
```

7.5.2.16 `clear_vector()`

```
void briar::Attribute::clear_vector ( ) [inline]
```

7.5.2.17 clear_xml()

```
void briar::Attribute::clear_xml ( ) [inline]
```

7.5.2.18 CopyFrom() [1/2]

```
void briar::Attribute::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.5.2.19 CopyFrom() [2/2]

```
void briar::Attribute::CopyFrom (
    const Attribute & from)
```

7.5.2.20 default_instance()

```
const Attribute & briar::Attribute::default_instance ( ) [static]
```

7.5.2.21 description()

```
const ::std::string & briar::Attribute::description ( ) const [inline]
```

7.5.2.22 descriptor()

```
const ::google::protobuf::Descriptor * briar::Attribute::descriptor ( ) [static]
```

7.5.2.23 fvalue()

```
float briar::Attribute::fvalue ( ) const [inline]
```

7.5.2.24 GetCachedSize()

```
int briar::Attribute::GetCachedSize ( ) const [inline], [final]
```

7.5.2.25 GetMetadata()

```
google::protobuf::Metadata briar::Attribute::GetMetadata ( ) const [final]
```

7.5.2.26 has_matrix()

```
bool briar::Attribute::has_matrix ( ) const [inline]
```

7.5.2.27 has_media()

```
bool briar::Attribute::has_media ( ) const [inline]
```

7.5.2.28 has_point()

```
bool briar::Attribute::has_point ( ) const [inline]
```

7.5.2.29 has_rect()

```
bool briar::Attribute::has_rect ( ) const [inline]
```

7.5.2.30 has_vector()

```
bool briar::Attribute::has_vector ( ) const [inline]
```

7.5.2.31 InitAsDefaultInstance()

```
void briar::Attribute::InitAsDefaultInstance ( ) [static]
```

7.5.2.32 internal_default_instance()

```
static const Attribute* briar::Attribute::internal_default_instance ( ) [inline], [static]
```

7.5.2.33 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::Attribute::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.5.2.34 IsInitialized()

```
bool briar::Attribute::IsInitialized ( ) const [final]
```

7.5.2.35 ivalue()

```
google::protobuf::int32 briar::Attribute::ivalue ( ) const [inline]
```

7.5.2.36 json()

```
const ::std::string & briar::Attribute::json ( ) const [inline]
```

7.5.2.37 key()

```
const ::std::string & briar::Attribute::key ( ) const [inline]
```

7.5.2.38 matrix()

```
const ::briar::BriarMatrix & briar::Attribute::matrix ( ) const [inline]
```

7.5.2.39 `media()`

```
const ::briar::BriarMedia & briar::Attribute::media ( ) const [inline]
```

7.5.2.40 `MergeFrom() [1/2]`

```
void briar::Attribute::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.5.2.41 `MergeFrom() [2/2]`

```
void briar::Attribute::MergeFrom (
    const Attribute & from )
```

7.5.2.42 `MergePartialFromCodedStream()`

```
bool briar::Attribute::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.5.2.43 `mutable_buffer()`

```
std::string * briar::Attribute::mutable_buffer ( ) [inline]
```

7.5.2.44 `mutable_description()`

```
std::string * briar::Attribute::mutable_description ( ) [inline]
```

7.5.2.45 `mutable_json()`

```
std::string * briar::Attribute::mutable_json ( ) [inline]
```

7.5.2.46 mutable_key()

```
std::string * briar::Attribute::mutable_key ( ) [inline]
```

7.5.2.47 mutable_matrix()

```
briar::BriarMatrix * briar::Attribute::mutable_matrix ( ) [inline]
```

7.5.2.48 mutable_media()

```
briar::BriarMedia * briar::Attribute::mutable_media ( ) [inline]
```

7.5.2.49 mutable_pickle()

```
std::string * briar::Attribute::mutable_pickle ( ) [inline]
```

7.5.2.50 mutable_point()

```
briar::BriarPoint2D * briar::Attribute::mutable_point ( ) [inline]
```

7.5.2.51 mutable_rect()

```
briar::BriarRect * briar::Attribute::mutable_rect ( ) [inline]
```

7.5.2.52 mutable_text()

```
std::string * briar::Attribute::mutable_text ( ) [inline]
```

7.5.2.53 mutable_vector()

```
briar::BriarVector * briar::Attribute::mutable_vector ( ) [inline]
```

7.5.2.54 mutable_xml()

```
std::string * briar::Attribute::mutable_xml ( ) [inline]
```

7.5.2.55 New() [1/2]

```
Attribute* briar::Attribute::New ( ) const [inline], [final]
```

7.5.2.56 New() [2/2]

```
Attribute* briar::Attribute::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.5.2.57 operator=()

```
Attribute& briar::Attribute::operator= ( const Attribute & from ) [inline]
```

7.5.2.58 pickle()

```
const ::std::string & briar::Attribute::pickle ( ) const [inline]
```

7.5.2.59 point()

```
const ::briar::BriarPoint2D & briar::Attribute::point ( ) const [inline]
```

7.5.2.60 rect()

```
const ::briar::BriarRect & briar::Attribute::rect ( ) const [inline]
```

7.5.2.61 release_buffer()

```
std::string * briar::Attribute::release_buffer ( ) [inline]
```

7.5.2.62 release_description()

```
std::string * briar::Attribute::release_description ( ) [inline]
```

7.5.2.63 release_json()

```
std::string * briar::Attribute::release_json ( ) [inline]
```

7.5.2.64 release_key()

```
std::string * briar::Attribute::release_key ( ) [inline]
```

7.5.2.65 release_matrix()

```
briar::BriarMatrix * briar::Attribute::release_matrix ( ) [inline]
```

7.5.2.66 release_media()

```
briar::BriarMedia * briar::Attribute::release_media ( ) [inline]
```

7.5.2.67 release_pickle()

```
std::string * briar::Attribute::release_pickle ( ) [inline]
```

7.5.2.68 release_point()

```
briar::BriarPoint2D * briar::Attribute::release_point ( ) [inline]
```

7.5.2.69 release_rect()

```
briar::BriarRect * briar::Attribute::release_rect ( ) [inline]
```

7.5.2.70 release_text()

```
std::string * briar::Attribute::release_text ( ) [inline]
```

7.5.2.71 release_vector()

```
briar::BriarVector * briar::Attribute::release_vector ( ) [inline]
```

7.5.2.72 release_xml()

```
std::string * briar::Attribute::release_xml ( ) [inline]
```

7.5.2.73 SerializeWithCachedSizes()

```
void briar::Attribute::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.5.2.74 set_allocated_buffer()

```
void briar::Attribute::set_allocated_buffer (
    ::std::string * buffer ) [inline]
```

7.5.2.75 set_allocated_description()

```
void briar::Attribute::set_allocated_description (
    ::std::string * description ) [inline]
```

7.5.2.76 set_allocated_json()

```
void briar::Attribute::set_allocated_json (
    ::std::string * json ) [inline]
```

7.5.2.77 set_allocated_key()

```
void briar::Attribute::set_allocated_key (
    ::std::string * key ) [inline]
```

7.5.2.78 set_allocated_matrix()

```
void briar::Attribute::set_allocated_matrix (
    ::briar::BriarMatrix * matrix ) [inline]
```

7.5.2.79 set_allocated_media()

```
void briar::Attribute::set_allocated_media (
    ::briar::BriarMedia * media ) [inline]
```

7.5.2.80 set_allocated_pickle()

```
void briar::Attribute::set_allocated_pickle (
    ::std::string * pickle ) [inline]
```

7.5.2.81 set_allocated_point()

```
void briar::Attribute::set_allocated_point (
    ::briar::BriarPoint2D * point ) [inline]
```

7.5.2.82 set_allocated_rect()

```
void briar::Attribute::set_allocated_rect (
    ::briar::BriarRect * rect ) [inline]
```

7.5.2.83 set_allocated_text()

```
void briar::Attribute::set_allocated_text (
    ::std::string * text ) [inline]
```

7.5.2.84 set_allocated_vector()

```
void briar::Attribute::set_allocated_vector (
    ::briar::BriarVector * vector ) [inline]
```

7.5.2.85 set_allocated_xml()

```
void briar::Attribute::set_allocated_xml (
    ::std::string * xml ) [inline]
```

7.5.2.86 set_buffer() [1/3]

```
void briar::Attribute::set_buffer (
    const ::std::string & value ) [inline]
```

7.5.2.87 set_buffer() [2/3]

```
void briar::Attribute::set_buffer (
    const char * value ) [inline]
```

7.5.2.88 set_buffer() [3/3]

```
void briar::Attribute::set_buffer (
    const void * value,
    size_t size ) [inline]
```

7.5.2.89 set_description() [1/3]

```
void briar::Attribute::set_description (
    const ::std::string & value ) [inline]
```

7.5.2.90 set_description() [2/3]

```
void briar::Attribute::set_description (
    const char * value )  [inline]
```

7.5.2.91 set_description() [3/3]

```
void briar::Attribute::set_description (
    const char * value,
    size_t size )  [inline]
```

7.5.2.92 set_fvalue()

```
void briar::Attribute::set_fvalue (
    float value )  [inline]
```

7.5.2.93 set_ivalue()

```
void briar::Attribute::set_ivalue (
    ::google::protobuf::int32 value )  [inline]
```

7.5.2.94 set_json() [1/3]

```
void briar::Attribute::set_json (
    const ::std::string & value )  [inline]
```

7.5.2.95 set_json() [2/3]

```
void briar::Attribute::set_json (
    const char * value )  [inline]
```

7.5.2.96 set_json() [3/3]

```
void briar::Attribute::set_json (
    const void * value,
    size_t size )  [inline]
```

7.5.2.97 `set_key()` [1/3]

```
void briar::Attribute::set_key (
    const ::std::string & value ) [inline]
```

7.5.2.98 `set_key()` [2/3]

```
void briar::Attribute::set_key (
    const char * value ) [inline]
```

7.5.2.99 `set_key()` [3/3]

```
void briar::Attribute::set_key (
    const char * value,
    size_t size ) [inline]
```

7.5.2.100 `set_pickle()` [1/3]

```
void briar::Attribute::set_pickle (
    const ::std::string & value ) [inline]
```

7.5.2.101 `set_pickle()` [2/3]

```
void briar::Attribute::set_pickle (
    const char * value ) [inline]
```

7.5.2.102 `set_pickle()` [3/3]

```
void briar::Attribute::set_pickle (
    const void * value,
    size_t size ) [inline]
```

7.5.2.103 `set_text()` [1/3]

```
void briar::Attribute::set_text (
    const ::std::string & value ) [inline]
```

7.5.2.104 set_text() [2/3]

```
void briar::Attribute::set_text (
    const char * value ) [inline]
```

7.5.2.105 set_text() [3/3]

```
void briar::Attribute::set_text (
    const char * value,
    size_t size ) [inline]
```

7.5.2.106 set_xml() [1/3]

```
void briar::Attribute::set_xml (
    const ::std::string & value ) [inline]
```

7.5.2.107 set_xml() [2/3]

```
void briar::Attribute::set_xml (
    const char * value ) [inline]
```

7.5.2.108 set_xml() [3/3]

```
void briar::Attribute::set_xml (
    const void * value,
    size_t size ) [inline]
```

7.5.2.109 Swap()

```
void briar::Attribute::Swap (
    Attribute * other )
```

7.5.2.110 text()

```
const ::std::string & briar::Attribute::text () const [inline]
```

7.5.2.111 `vector()`

```
const ::briar::BriarVector & briar::Attribute::vector ( ) const [inline]
```

7.5.2.112 `xml()`

```
const ::std::string & briar::Attribute::xml ( ) const [inline]
```

7.5.3 Friends And Related Function Documentation

7.5.3.1 `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.5.3.2 `swap`

```
void swap (
    Attribute & a,
    Attribute & b ) [friend]
```

7.5.4 Member Data Documentation

7.5.4.1 `kBufferFieldNumber`

```
const int briar::Attribute::kBufferFieldNumber = 3 [static]
```

7.5.4.2 `kDescriptionFieldNumber`

```
const int briar::Attribute::kDescriptionFieldNumber = 2 [static]
```

7.5.4.3 kValueFieldNumber

```
const int briar::Attribute::kValueFieldNumber = 4 [static]
```

7.5.4.4 kIndexInFileMessages

```
constexpr int briar::Attribute::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 16
```

7.5.4.5 kIvalueFieldNumber

```
const int briar::Attribute::kIvalueFieldNumber = 5 [static]
```

7.5.4.6 kJsonFieldNumber

```
const int briar::Attribute::kJsonFieldNumber = 8 [static]
```

7.5.4.7 kKeyFieldNumber

```
const int briar::Attribute::kKeyFieldNumber = 1 [static]
```

7.5.4.8 kMatrixFieldNumber

```
const int briar::Attribute::kMatrixFieldNumber = 9 [static]
```

7.5.4.9 kMediaFieldNumber

```
const int briar::Attribute::kMediaFieldNumber = 11 [static]
```

7.5.4.10 kPickleFieldNumber

```
const int briar::Attribute::kPickleFieldNumber = 7 [static]
```

7.5.4.11 kPointFieldNumber

```
const int briar::Attribute::kPointFieldNumber = 12 [static]
```

7.5.4.12 kRectFieldNumber

```
const int briar::Attribute::kRectFieldNumber = 13 [static]
```

7.5.4.13 kTextFieldNumber

```
const int briar::Attribute::kTextFieldNumber = 6 [static]
```

7.5.4.14 kVectorFieldNumber

```
const int briar::Attribute::kVectorFieldNumber = 10 [static]
```

7.5.4.15 kXmlFieldNumber

```
const int briar::Attribute::kXmlFieldNumber = 14 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.cc

7.6 briar::AttributeDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< Attribute > _instance

7.6.1 Member Data Documentation

7.6.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<Attribute> briar::AttributeDefaultType<->  
Internal::_instance
```

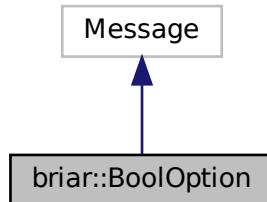
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

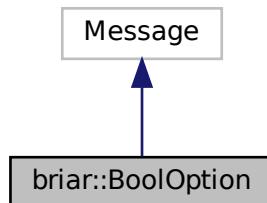
7.7 briar::BoolOption Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BoolOption:



Collaboration diagram for briar::BoolOption:



Public Member Functions

- `BoolOption ()`
- `BoolOption (const BoolOption &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_override_default ()`
- `void clear_value ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BoolOption &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BoolOption &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `BoolOption * New () const final`
- `BoolOption * New (::google::protobuf::Arena *arena) const final`
- `BoolOption & operator= (const BoolOption &from)`
- `bool override_default () const`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_override_default (bool value)`
- `void set_value (bool value)`
- `void Swap (BoolOption *other)`
- `bool value () const`
- `virtual ~BoolOption ()`

Static Public Member Functions

- `static const BoolOption & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const BoolOption * internal_default_instance ()`

Static Public Attributes

- `static constexpr int kIndexInFileMessages`
- `static const int kOverrideDefaultFieldNumber = 1`
- `static const int kValueFieldNumber = 2`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- `void swap (BoolOption &a, BoolOption &b)`

7.7.1 Constructor & Destructor Documentation

7.7.1.1 BoolOption() [1/2]

```
briar::BoolOption::BoolOption ( )
```

7.7.1.2 ~BoolOption()

```
briar::BoolOption::~BoolOption ( ) [virtual]
```

7.7.1.3 BoolOption() [2/2]

```
briar::BoolOption::BoolOption (
    const BoolOption & from )
```

7.7.2 Member Function Documentation

7.7.2.1 ByteSizeLong()

```
size_t briar::BoolOption::ByteSizeLong ( ) const [final]
```

7.7.2.2 Clear()

```
void briar::BoolOption::Clear ( ) [final]
```

7.7.2.3 clear_override_default()

```
void briar::BoolOption::clear_override_default ( ) [inline]
```

7.7.2.4 clear_value()

```
void briar::BoolOption::clear_value ( ) [inline]
```

7.7.2.5 CopyFrom() [1/2]

```
void briar::BoolOption::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.7.2.6 CopyFrom() [2/2]

```
void briar::BoolOption::CopyFrom (
    const BoolOption & from)
```

7.7.2.7 default_instance()

```
const BoolOption & briar::BoolOption::default_instance () [static]
```

7.7.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::BoolOption::descriptor () [static]
```

7.7.2.9 GetCachedSize()

```
int briar::BoolOption::GetCachedSize () const [inline], [final]
```

7.7.2.10 GetMetadata()

```
google::protobuf::Metadata briar::BoolOption::GetMetadata () const [final]
```

7.7.2.11 InitAsDefaultInstance()

```
void briar::BoolOption::InitAsDefaultInstance () [static]
```

7.7.2.12 internal_default_instance()

```
static const BoolOption* briar::BoolOption::internal_default_instance ( ) [inline], [static]
```

7.7.2.13 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BoolOption::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.7.2.14 IsInitialized()

```
bool briar::BoolOption::IsInitialized ( ) const [final]
```

7.7.2.15 MergeFrom() [1/2]

```
void briar::BoolOption::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.7.2.16 MergeFrom() [2/2]

```
void briar::BoolOption::MergeFrom (   
    const BoolOption & from )
```

7.7.2.17 MergePartialFromCodedStream()

```
bool briar::BoolOption::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.7.2.18 New() [1/2]

```
BoolOption* briar::BoolOption::New ( ) const [inline], [final]
```

7.7.2.19 New() [2/2]

```
BoolOption* briar::BoolOption::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.7.2.20 operator=()

```
BoolOption& briar::BoolOption::operator= (
    const BoolOption & from ) [inline]
```

7.7.2.21 override_default()

```
bool briar::BoolOption::override_default ( ) const [inline]
```

7.7.2.22 SerializeWithCachedSizes()

```
void briar::BoolOption::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.7.2.23 set_override_default()

```
void briar::BoolOption::set_override_default (
    bool value ) [inline]
```

7.7.2.24 set_value()

```
void briar::BoolOption::set_value (
    bool value ) [inline]
```

7.7.2.25 Swap()

```
void briar::BoolOption::Swap (
    BoolOption * other )
```

7.7.2.26 value()

```
bool briar::BoolOption::value () const [inline]
```

7.7.3 Friends And Related Function Documentation

7.7.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.7.3.2 swap

```
void swap (
    BoolOption & a,
    BoolOption & b ) [friend]
```

7.7.4 Member Data Documentation

7.7.4.1 kIndexInFileMessages

```
constexpr int briar::BoolOption::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 2
```

7.7.4.2 kOverrideDefaultFieldNumber

```
const int briar::BoolOption::kOverrideDefaultFieldNumber = 1 [static]
```

7.7.4.3 kValueFieldNumber

```
const int briar::BoolOption::kValueFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.8 briar::BoolOptionDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< BoolOption > _instance

7.8.1 Member Data Documentation

7.8.1.1 _instance

::google::protobuf::internal::ExplicitlyConstructed<BoolOption> briar::BoolOptionDefaultTypeInternal::_instance

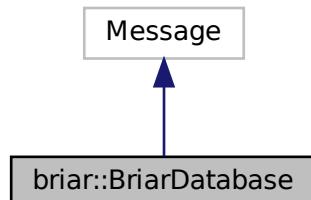
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.cc

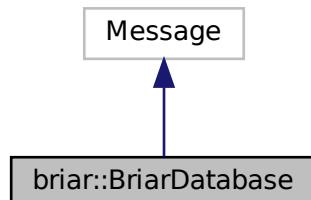
7.9 briar::BriarDatabase Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarDatabase:



Collaboration diagram for briar::BriarDatabase:



Public Member Functions

- `BriarDatabase ()`
- `BriarDatabase (const BriarDatabase &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_name ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarDatabase &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BriarDatabase &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::std::string * mutable_name ()`
- `const ::std::string & name () const`
- `BriarDatabase * New () const final`
- `BriarDatabase * New (::google::protobuf::Arena *arena) const final`
- `BriarDatabase & operator= (const BriarDatabase &from)`
- `::std::string * release_name ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_name (::std::string *name)`
- `void set_name (const ::std::string &value)`
- `void set_name (const char *value)`
- `void set_name (const char *value, size_t size)`
- `void Swap (BriarDatabase *other)`
- `virtual ~BriarDatabase ()`

Static Public Member Functions

- `static const BriarDatabase & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const BriarDatabase * internal_default_instance ()`

Static Public Attributes

- `static constexpr int kIndexInFileMessages`
- `static const int kNameFieldNumber = 1`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- `void swap (BriarDatabase &a, BriarDatabase &b)`

7.9.1 Constructor & Destructor Documentation

7.9.1.1 **BriarDatabase()** [1/2]

```
briar::BriarDatabase::BriarDatabase ( )
```

7.9.1.2 **~BriarDatabase()**

```
briar::BriarDatabase::~BriarDatabase ( ) [virtual]
```

7.9.1.3 **BriarDatabase()** [2/2]

```
briar::BriarDatabase::BriarDatabase (
    const BriarDatabase & from )
```

7.9.2 Member Function Documentation

7.9.2.1 **ByteSizeLong()**

```
size_t briar::BriarDatabase::ByteSizeLong ( ) const [final]
```

7.9.2.2 **Clear()**

```
void briar::BriarDatabase::Clear ( ) [final]
```

7.9.2.3 **clear_name()**

```
void briar::BriarDatabase::clear_name ( ) [inline]
```

7.9.2.4 **CopyFrom()** [1/2]

```
void briar::BriarDatabase::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.9.2.5 CopyFrom() [2/2]

```
void briar::BriarDatabase::CopyFrom (
    const BriarDatabase & from )
```

7.9.2.6 default_instance()

```
const BriarDatabase & briar::BriarDatabase::default_instance ( ) [static]
```

7.9.2.7 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarDatabase::descriptor ( ) [static]
```

7.9.2.8 GetCachedSize()

```
int briar::BriarDatabase::GetCachedSize ( ) const [inline], [final]
```

7.9.2.9 GetMetadata()

```
google::protobuf::Metadata briar::BriarDatabase::GetMetadata ( ) const [final]
```

7.9.2.10 InitAsDefaultInstance()

```
void briar::BriarDatabase::InitAsDefaultInstance ( ) [static]
```

7.9.2.11 internal_default_instance()

```
static const BriarDatabase* briar::BriarDatabase::internal_default_instance ( ) [inline],
[static]
```

7.9.2.12 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarDatabase::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.9.2.13 IsInitialized()

```
bool briar::BriarDatabase::IsInitialized () const [final]
```

7.9.2.14 MergeFrom() [1/2]

```
void briar::BriarDatabase::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.9.2.15 MergeFrom() [2/2]

```
void briar::BriarDatabase::MergeFrom (
    const BriarDatabase & from )
```

7.9.2.16 MergePartialFromCodedStream()

```
bool briar::BriarDatabase::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.9.2.17 mutable_name()

```
std::string * briar::BriarDatabase::mutable_name () [inline]
```

7.9.2.18 name()

```
const ::std::string & briar::BriarDatabase::name () const [inline]
```

7.9.2.19 New() [1/2]

```
BriarDatabase* briar::BriarDatabase::New ( ) const [inline], [final]
```

7.9.2.20 New() [2/2]

```
BriarDatabase* briar::BriarDatabase::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.9.2.21 operator=()

```
BriarDatabase& briar::BriarDatabase::operator= ( const BriarDatabase & from ) [inline]
```

7.9.2.22 release_name()

```
std::string * briar::BriarDatabase::release_name ( ) [inline]
```

7.9.2.23 SerializeWithCachedSizes()

```
void briar::BriarDatabase::SerializeWithCachedSizes ( ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.9.2.24 set_allocated_name()

```
void briar::BriarDatabase::set_allocated_name ( ::std::string * name ) [inline]
```

7.9.2.25 set_name() [1/3]

```
void briar::BriarDatabase::set_name ( const ::std::string & value ) [inline]
```

7.9.2.26 `set_name()` [2/3]

```
void briar::BriarDatabase::set_name (
    const char * value )  [inline]
```

7.9.2.27 `set_name()` [3/3]

```
void briar::BriarDatabase::set_name (
    const char * value,
    size_t size )  [inline]
```

7.9.2.28 `Swap()`

```
void briar::BriarDatabase::Swap (
    BriarDatabase * other )
```

7.9.3 Friends And Related Function Documentation

7.9.3.1 `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct  [friend]
```

7.9.3.2 `swap`

```
void swap (
    BriarDatabase & a,
    BriarDatabase & b )  [friend]
```

7.9.4 Member Data Documentation

7.9.4.1 `kIndexInFileMessages`

```
constexpr int briar::BriarDatabase::kIndexInFileMessages  [static], [constexpr]
```

Initial value:

```
=  
36
```

7.9.4.2 kNameFieldNumber

```
const int briar::BriarDatabase::kNameFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.10 briar::BriarDatabaseDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[BriarDatabase](#)> `_instance`

7.10.1 Member Data Documentation

7.10.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<BriarDatabase> briar::BriarDatabase<→  
DefaultTypeInternal>::_instance
```

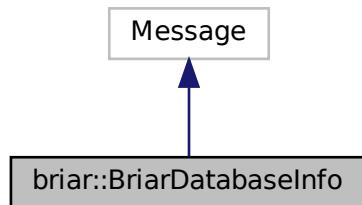
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

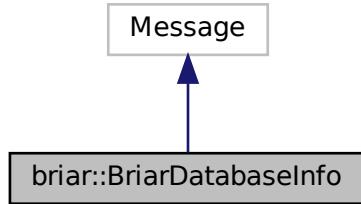
7.11 briar::BriarDatabaseInfo Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarDatabaseInfo:



Collaboration diagram for briar::BriarDatabaseInfo:



Public Member Functions

- `::briar::Attribute * add_attributes ()`
- `void add_modalities (::briar::BiometricModality value)`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & attributes () const`
- `const ::briar::Attribute & attributes (int index) const`
- `int attributes_size () const`
- `::google::protobuf::int64 average_entry_size () const`
- `BriarDatabaseInfo ()`
- `BriarDatabaseInfo (const BriarDatabaseInfo &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_attributes ()`
- `void clear_average_entry_size ()`
- `void clear_entry_count ()`
- `void clear_failed_enrollment_count ()`
- `void clear_modalities ()`
- `void clear_name ()`
- `void clear_template_count ()`
- `void clear_total_database_size ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarDatabaseInfo &from)`
- `::google::protobuf::int64 entry_count () const`
- `::google::protobuf::int64 failed_enrollment_count () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BriarDatabaseInfo &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `const ::google::protobuf::RepeatedField< int > & modalities () const`
- `::briar::BiometricModality modalities (int index) const`
- `int modalities_size () const`
- `::google::protobuf::RepeatedPtrField< ::briar::Attribute > * mutable_attributes ()`
- `::briar::Attribute * mutable_attributes (int index)`

- ::google::protobuf::RepeatedField< int > * [mutable_modalities](#) ()
- ::std::string * [mutable_name](#) ()
- const ::std::string & [name](#) () const
- BriarDatabaseInfo * [New](#) () const final
- BriarDatabaseInfo * [New](#) (::google::protobuf::Arena *arena) const final
- BriarDatabaseInfo & [operator=](#) (const BriarDatabaseInfo &from)
- ::std::string * [release_name](#) ()
- void [SerializeWithCachedSizes](#) (::google::protobuf::io::CodedOutputStream *output) const final
- void [set_allocated_name](#) (::std::string *name)
- void [set_average_entry_size](#) (::google::protobuf::int64 value)
- void [set_entry_count](#) (::google::protobuf::int64 value)
- void [set_failed_enrollment_count](#) (::google::protobuf::int64 value)
- void [set_modalities](#) (int index, ::briar::BiometricModality value)
- void [set_name](#) (const ::std::string &value)
- void [set_name](#) (const char *value)
- void [set_name](#) (const char *value, size_t size)
- void [set_template_count](#) (::google::protobuf::int64 value)
- void [set_total_database_size](#) (::google::protobuf::int64 value)
- void [Swap](#) (BriarDatabaseInfo *other)
- ::google::protobuf::int64 [template_count](#) () const
- ::google::protobuf::int64 [total_database_size](#) () const
- virtual ~[BriarDatabaseInfo](#) ()

Static Public Member Functions

- static const BriarDatabaseInfo & [default_instance](#) ()
- static const ::google::protobuf::Descriptor * [descriptor](#) ()
- static void [InitAsDefaultInstance](#) ()
- static const BriarDatabaseInfo * [internal_default_instance](#) ()

Static Public Attributes

- static const int [kAttributesFieldNumber](#) = 10
- static const int [kAverageEntrySizeFieldNumber](#) = 6
- static const int [kEntryCountFieldNumber](#) = 2
- static const int [kFailedEnrollmentCountFieldNumber](#) = 4
- static constexpr int [kIndexInFileMessages](#)
- static const int [kModalitiesFieldNumber](#) = 9
- static const int [kNameFieldNumber](#) = 1
- static const int [kTemplateCountFieldNumber](#) = 3
- static const int [kTotalDatabaseSizeFieldNumber](#) = 5

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void [swap](#) (BriarDatabaseInfo &a, BriarDatabaseInfo &b)

7.11.1 Constructor & Destructor Documentation

7.11.1.1 **BriarDatabaseInfo()** [1/2]

```
briar::BriarDatabaseInfo::BriarDatabaseInfo ( )
```

7.11.1.2 **~BriarDatabaseInfo()**

```
briar::BriarDatabaseInfo::~BriarDatabaseInfo ( ) [virtual]
```

7.11.1.3 **BriarDatabaseInfo()** [2/2]

```
briar::BriarDatabaseInfo::BriarDatabaseInfo ( const BriarDatabaseInfo & from )
```

7.11.2 Member Function Documentation

7.11.2.1 **add_attributes()**

```
briar::Attribute * briar::BriarDatabaseInfo::add_attributes ( ) [inline]
```

7.11.2.2 **add_modalities()**

```
void briar::BriarDatabaseInfo::add_modalities ( ::briar::BiometricModality value ) [inline]
```

7.11.2.3 **attributes()** [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::BriarDatabaseInfo::attributes ( ) const [inline]
```

7.11.2.4 **attributes()** [2/2]

```
const ::briar::Attribute & briar::BriarDatabaseInfo::attributes ( int index ) const [inline]
```

7.11.2.5 attributes_size()

```
int briar::BriarDatabaseInfo::attributes_size () const [inline]
```

7.11.2.6 average_entry_size()

```
google::protobuf::int64 briar::BriarDatabaseInfo::average_entry_size () const [inline]
```

7.11.2.7 ByteSizeLong()

```
size_t briar::BriarDatabaseInfo::ByteSizeLong () const [final]
```

7.11.2.8 Clear()

```
void briar::BriarDatabaseInfo::Clear () [final]
```

7.11.2.9 clear_attributes()

```
void briar::BriarDatabaseInfo::clear_attributes () [inline]
```

7.11.2.10 clear_average_entry_size()

```
void briar::BriarDatabaseInfo::clear_average_entry_size () [inline]
```

7.11.2.11 clear_entry_count()

```
void briar::BriarDatabaseInfo::clear_entry_count () [inline]
```

7.11.2.12 clear_failed_enrollment_count()

```
void briar::BriarDatabaseInfo::clear_failed_enrollment_count () [inline]
```

7.11.2.13 clear_modalities()

```
void briar::BriarDatabaseInfo::clear_modalities () [inline]
```

7.11.2.14 clear_name()

```
void briar::BriarDatabaseInfo::clear_name () [inline]
```

7.11.2.15 clear_template_count()

```
void briar::BriarDatabaseInfo::clear_template_count () [inline]
```

7.11.2.16 clear_total_database_size()

```
void briar::BriarDatabaseInfo::clear_total_database_size () [inline]
```

7.11.2.17 CopyFrom() [1/2]

```
void briar::BriarDatabaseInfo::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.11.2.18 CopyFrom() [2/2]

```
void briar::BriarDatabaseInfo::CopyFrom (
    const BriarDatabaseInfo & from )
```

7.11.2.19 default_instance()

```
const BriarDatabaseInfo & briar::BriarDatabaseInfo::default_instance () [static]
```

7.11.2.20 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarDatabaseInfo::descriptor () [static]
```

7.11.2.21 entry_count()

```
google::protobuf::int64 briar::BriarDatabaseInfo::entry_count () const [inline]
```

7.11.2.22 failed_enrollment_count()

```
google::protobuf::int64 briar::BriarDatabaseInfo::failed_enrollment_count () const [inline]
```

7.11.2.23 GetCachedSize()

```
int briar::BriarDatabaseInfo::GetCachedSize () const [inline], [final]
```

7.11.2.24 GetMetadata()

```
google::protobuf::Metadata briar::BriarDatabaseInfo::GetMetadata () const [final]
```

7.11.2.25 InitAsDefaultInstance()

```
void briar::BriarDatabaseInfo::InitAsDefaultInstance () [static]
```

7.11.2.26 internal_default_instance()

```
static const BriarDatabaseInfo* briar::BriarDatabaseInfo::internal_default_instance () [inline], [static]
```

7.11.2.27 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarDatabaseInfo::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.11.2.28 IsInitialized()

```
bool briar::BriarDatabaseInfo::IsInitialized () const [final]
```

7.11.2.29 MergeFrom() [1/2]

```
void briar::BriarDatabaseInfo::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.11.2.30 MergeFrom() [2/2]

```
void briar::BriarDatabaseInfo::MergeFrom (
    const BriarDatabaseInfo & from )
```

7.11.2.31 MergePartialFromCodedStream()

```
bool briar::BriarDatabaseInfo::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.11.2.32 modalities() [1/2]

```
const ::google::protobuf::RepeatedField< int > & briar::BriarDatabaseInfo::modalities () const [inline]
```

7.11.2.33 modalities() [2/2]

```
briar::BiometricModality briar::BriarDatabaseInfo::modalities (
    int index ) const [inline]
```

7.11.2.34 modalities_size()

```
int briar::BriarDatabaseInfo::modalities_size ( ) const [inline]
```

7.11.2.35 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::BriarDatabaseInfo::mutable_attributes ( ) [inline]
```

7.11.2.36 mutable_attributes() [2/2]

```
briar::Attribute * briar::BriarDatabaseInfo::mutable_attributes ( int index ) [inline]
```

7.11.2.37 mutable_modalities()

```
google::protobuf::RepeatedField< int > * briar::BriarDatabaseInfo::mutable_modalities ( ) [inline]
```

7.11.2.38 mutable_name()

```
std::string * briar::BriarDatabaseInfo::mutable_name ( ) [inline]
```

7.11.2.39 name()

```
const ::std::string & briar::BriarDatabaseInfo::name ( ) const [inline]
```

7.11.2.40 New() [1/2]

```
BriarDatabaseInfo* briar::BriarDatabaseInfo::New ( ) const [inline], [final]
```

7.11.2.41 New() [2/2]

```
BriarDatabaseInfo* briar::BriarDatabaseInfo::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.11.2.42 operator=()

```
BriarDatabaseInfo& briar::BriarDatabaseInfo::operator= (
    const BriarDatabaseInfo & from ) [inline]
```

7.11.2.43 release_name()

```
std::string * briar::BriarDatabaseInfo::release_name ( ) [inline]
```

7.11.2.44 SerializeWithCachedSizes()

```
void briar::BriarDatabaseInfo::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.11.2.45 set_allocated_name()

```
void briar::BriarDatabaseInfo::set_allocated_name (
    ::std::string * name ) [inline]
```

7.11.2.46 set_average_entry_size()

```
void briar::BriarDatabaseInfo::set_average_entry_size (
    ::google::protobuf::int64 value ) [inline]
```

7.11.2.47 set_entry_count()

```
void briar::BriarDatabaseInfo::set_entry_count (
    ::google::protobuf::int64 value ) [inline]
```

7.11.2.48 set_failed_enrollment_count()

```
void briar::BriarDatabaseInfo::set_failed_enrollment_count (
    ::google::protobuf::int64 value ) [inline]
```

7.11.2.49 set_modalities()

```
void briar::BriarDatabaseInfo::set_modalities (
    int index,
    ::briar::BiometricModality value ) [inline]
```

7.11.2.50 set_name() [1/3]

```
void briar::BriarDatabaseInfo::set_name (
    const ::std::string & value ) [inline]
```

7.11.2.51 set_name() [2/3]

```
void briar::BriarDatabaseInfo::set_name (
    const char * value ) [inline]
```

7.11.2.52 set_name() [3/3]

```
void briar::BriarDatabaseInfo::set_name (
    const char * value,
    size_t size ) [inline]
```

7.11.2.53 set_template_count()

```
void briar::BriarDatabaseInfo::set_template_count (
    ::google::protobuf::int64 value ) [inline]
```

7.11.2.54 set_total_database_size()

```
void briar::BriarDatabaseInfo::set_total_database_size (
    ::google::protobuf::int64 value ) [inline]
```

7.11.2.55 Swap()

```
void briar::BriarDatabaseInfo::Swap (
    BriarDatabaseInfo * other )
```

7.11.2.56 template_count()

```
google::protobuf::int64 briar::BriarDatabaseInfo::template_count ( ) const [inline]
```

7.11.2.57 total_database_size()

```
google::protobuf::int64 briar::BriarDatabaseInfo::total_database_size ( ) const [inline]
```

7.11.3 Friends And Related Function Documentation

7.11.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.11.3.2 swap

```
void swap (
    BriarDatabaseInfo & a,
    BriarDatabaseInfo & b ) [friend]
```

7.11.4 Member Data Documentation

7.11.4.1 kAttributesFieldNumber

```
const int briar::BriarDatabaseInfo::kAttributesFieldNumber = 10 [static]
```

7.11.4.2 kAverageEntrySizeFieldNumber

```
const int briar::BriarDatabaseInfo::kAverageEntrySizeFieldNumber = 6 [static]
```

7.11.4.3 kEntryCountFieldNumber

```
const int briar::BriarDatabaseInfo::kEntryCountFieldNumber = 2 [static]
```

7.11.4.4 kFailedEnrollmentCountFieldNumber

```
const int briar::BriarDatabaseInfo::kFailedEnrollmentCountFieldNumber = 4 [static]
```

7.11.4.5 kIndexInFileMessages

```
constexpr int briar::BriarDatabaseInfo::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 37
```

7.11.4.6 kModalitiesFieldNumber

```
const int briar::BriarDatabaseInfo::kModalitiesFieldNumber = 9 [static]
```

7.11.4.7 kNameFieldNumber

```
const int briar::BriarDatabaseInfo::kNameFieldNumber = 1 [static]
```

7.11.4.8 kTemplateCountFieldNumber

```
const int briar::BriarDatabaseInfo::kTemplateCountFieldNumber = 3 [static]
```

7.11.4.9 kTotalDatabaseSizeFieldNumber

```
const int briar::BriarDatabaseInfo::kTotalDatabaseSizeFieldNumber = 5 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.12 briar::BriarDatabaseInfoDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[BriarDatabaseInfo](#)> `_instance`

7.12.1 Member Data Documentation

7.12.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<BriarDatabaseInfo> briar::BriarDatabaseInfoDefaultTypeInternal::_instance
```

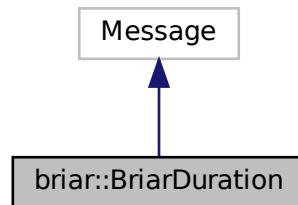
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

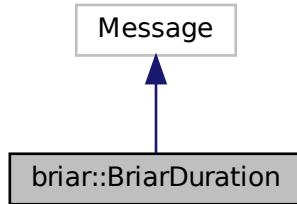
7.13 briar::BriarDuration Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarDuration:



Collaboration diagram for briar::BriarDuration:



Public Member Functions

- `BriarDuration ()`
- `BriarDuration (const BriarDuration &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_end ()`
- `void clear_start ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarDuration &from)`
- `double end () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BriarDuration &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `BriarDuration * New () const final`
- `BriarDuration * New (::google::protobuf::Arena *arena) const final`
- `BriarDuration & operator= (const BriarDuration &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_end (double value)`
- `void set_start (double value)`
- `double start () const`
- `void Swap (BriarDuration *other)`
- `virtual ~BriarDuration ()`

Static Public Member Functions

- `static const BriarDuration & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const BriarDuration * internal_default_instance ()`

Static Public Attributes

- static const int `kEndFieldNumber` = 2
- static constexpr int `kIndexInFileMessages`
- static const int `kStartFieldNumber` = 1

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap` (`BriarDuration` &`a`, `BriarDuration` &`b`)

7.13.1 Constructor & Destructor Documentation

7.13.1.1 `BriarDuration()` [1/2]

```
briar::BriarDuration::BriarDuration ( )
```

7.13.1.2 `~BriarDuration()`

```
briar::BriarDuration::~BriarDuration ( ) [virtual]
```

7.13.1.3 `BriarDuration()` [2/2]

```
briar::BriarDuration::BriarDuration (
    const BriarDuration & from )
```

7.13.2 Member Function Documentation

7.13.2.1 `ByteSizeLong()`

```
size_t briar::BriarDuration::ByteSizeLong ( ) const [final]
```

7.13.2.2 Clear()

```
void briar::BriarDuration::Clear ( ) [final]
```

7.13.2.3 clear_end()

```
void briar::BriarDuration::clear_end ( ) [inline]
```

7.13.2.4 clear_start()

```
void briar::BriarDuration::clear_start ( ) [inline]
```

7.13.2.5 CopyFrom() [1/2]

```
void briar::BriarDuration::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.13.2.6 CopyFrom() [2/2]

```
void briar::BriarDuration::CopyFrom (
    const BriarDuration & from )
```

7.13.2.7 default_instance()

```
const BriarDuration & briar::BriarDuration::default_instance ( ) [static]
```

7.13.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarDuration::descriptor ( ) [static]
```

7.13.2.9 end()

```
double briar::BriarDuration::end ( ) const [inline]
```

7.13.2.10 GetCachedSize()

```
int briar::BriarDuration::GetCachedSize ( ) const [inline], [final]
```

7.13.2.11 GetMetadata()

```
google::protobuf::Metadata briar::BriarDuration::GetMetadata ( ) const [final]
```

7.13.2.12 InitAsDefaultInstance()

```
void briar::BriarDuration::InitAsDefaultInstance ( ) [static]
```

7.13.2.13 internal_default_instance()

```
static const BriarDuration* briar::BriarDuration::internal_default_instance ( ) [inline],  
[static]
```

7.13.2.14 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarDuration::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.13.2.15 IsInitialized()

```
bool briar::BriarDuration::IsInitialized ( ) const [final]
```

7.13.2.16 MergeFrom() [1/2]

```
void briar::BriarDuration::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.13.2.17 MergeFrom() [2/2]

```
void briar::BriarDuration::MergeFrom (
    const BriarDuration & from )
```

7.13.2.18 MergePartialFromCodedStream()

```
bool briar::BriarDuration::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.13.2.19 New() [1/2]

```
BriarDuration* briar::BriarDuration::New ( ) const [inline], [final]
```

7.13.2.20 New() [2/2]

```
BriarDuration* briar::BriarDuration::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.13.2.21 operator=()

```
BriarDuration& briar::BriarDuration::operator= (
    const BriarDuration & from ) [inline]
```

7.13.2.22 SerializeWithCachedSizes()

```
void briar::BriarDuration::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.13.2.23 `set_end()`

```
void briar::BriarDuration::set_end (
    double value ) [inline]
```

7.13.2.24 `set_start()`

```
void briar::BriarDuration::set_start (
    double value ) [inline]
```

7.13.2.25 `start()`

```
double briar::BriarDuration::start ( ) const [inline]
```

7.13.2.26 `Swap()`

```
void briar::BriarDuration::Swap (
    BriarDuration * other )
```

7.13.3 Friends And Related Function Documentation

7.13.3.1 `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.13.3.2 `swap`

```
void swap (
    BriarDuration & a,
    BriarDuration & b ) [friend]
```

7.13.4 Member Data Documentation

7.13.4.1 kEndFieldNumber

```
const int briar::BriarDuration::kEndFieldNumber = 2 [static]
```

7.13.4.2 kIndexInFileMessages

```
constexpr int briar::BriarDuration::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 43
```

7.13.4.3 kStartFieldNumber

```
const int briar::BriarDuration::kStartFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.14 briar::BriarDurationDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarDuration](#) > [_instance](#)

7.14.1 Member Data Documentation

7.14.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<BriarDuration> briar::BriarDuration<->  
DefaultTypeInternal:::_instance
```

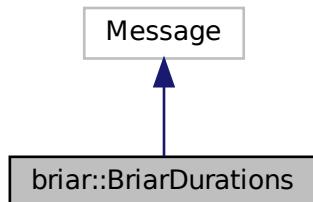
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

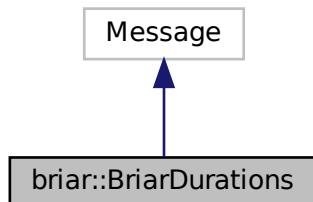
7.15 briar::BriarDurations Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarDurations:



Collaboration diagram for briar::BriarDurations:



Public Member Functions

- [BriarDurations \(\)](#)
- [BriarDurations \(const BriarDurations &from\)](#)
- [size_t ByteSizeLong \(\) const final](#)
- [void Clear \(\) final](#)
- [void clear_client_duration_file_level \(\)](#)
- [void clear_client_duration_frame_level \(\)](#)
- [void clear_grpc_inbound_transfer_duration \(\)](#)
- [void clear_grpc_outbound_transfer_duration \(\)](#)
- [void clear_service_duration \(\)](#)
- [void clear_sub_durations \(\)](#)
- [void clear_total_duration \(\)](#)
- [const ::briar::BriarDuration & client_duration_file_level \(\) const](#)
- [const ::briar::BriarDuration & client_duration_frame_level \(\) const](#)
- [void CopyFrom \(const ::google::protobuf::Message &from\) final](#)

- void `CopyFrom` (const `BriarDurations` &from)
- int `GetCachedSize` () const final
- ::google::protobuf::Metadata `GetMetadata` () const final
- const ::briar::BriarDuration & `grpc_inbound_transfer_duration` () const
- const ::briar::BriarDuration & `grpc_outbound_transfer_duration` () const
- bool `has_client_duration_file_level` () const
- bool `has_client_duration_frame_level` () const
- bool `has_grpc_inbound_transfer_duration` () const
- bool `has_grpc_outbound_transfer_duration` () const
- bool `has_service_duration` () const
- bool `has_total_duration` () const
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized` () const final
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `BriarDurations` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BriarDuration * `mutable_client_duration_file_level` ()
- ::briar::BriarDuration * `mutable_client_duration_frame_level` ()
- ::briar::BriarDuration * `mutable_grpc_inbound_transfer_duration` ()
- ::briar::BriarDuration * `mutable_grpc_outbound_transfer_duration` ()
- ::briar::BriarDuration * `mutable_service_duration` ()
- ::google::protobuf::Map< ::std::string, ::briar::BriarDuration > * `mutable_sub_durations` ()
- ::briar::BriarDuration * `mutable_total_duration` ()
- `BriarDurations` * `New` () const final
- `BriarDurations` * `New` (::google::protobuf::Arena *arena) const final
- `BriarDurations` & `operator=` (const `BriarDurations` &from)
- ::briar::BriarDuration * `release_client_duration_file_level` ()
- ::briar::BriarDuration * `release_client_duration_frame_level` ()
- ::briar::BriarDuration * `release_grpc_inbound_transfer_duration` ()
- ::briar::BriarDuration * `release_grpc_outbound_transfer_duration` ()
- ::briar::BriarDuration * `release_service_duration` ()
- ::briar::BriarDuration * `release_total_duration` ()
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- const ::briar::BriarDuration & `service_duration` () const
- void `set_allocated_client_duration_file_level` (::briar::BriarDuration *client_duration_file_level)
- void `set_allocated_client_duration_frame_level` (::briar::BriarDuration *client_duration_frame_level)
- void `set_allocated_grpc_inbound_transfer_duration` (::briar::BriarDuration *grpc_inbound_transfer_duration)
- void `set_allocated_grpc_outbound_transfer_duration` (::briar::BriarDuration *grpc_outbound_transfer_duration)
- void `set_allocated_service_duration` (::briar::BriarDuration *service_duration)
- void `set_allocated_total_duration` (::briar::BriarDuration *total_duration)
- const ::google::protobuf::Map< ::std::string, ::briar::BriarDuration > & `sub_durations` () const
- int `sub_durations_size` () const
- void `Swap` (`BriarDurations` *other)
- const ::briar::BriarDuration & `total_duration` () const
- virtual ~`BriarDurations` ()

Static Public Member Functions

- static const `BriarDurations` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `BriarDurations` * `internal_default_instance` ()

Static Public Attributes

- static const int `kClientDurationFileLevelFieldNumber` = 1
- static const int `kClientDurationFrameLevelFieldNumber` = 2
- static const int `kGrpcInboundTransferDurationFieldNumber` = 4
- static const int `kGrpcOutboundTransferDurationFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`
- static const int `kServiceDurationFieldNumber` = 5
- static const int `kSubDurationsFieldNumber` = 6
- static const int `kTotalDurationFieldNumber` = 7

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap` (`BriarDurations &a`, `BriarDurations &b`)

7.15.1 Constructor & Destructor Documentation

7.15.1.1 `BriarDurations()` [1/2]

```
briar::BriarDurations::BriarDurations ( )
```

7.15.1.2 `~BriarDurations()`

```
briar::BriarDurations::~BriarDurations ( ) [virtual]
```

7.15.1.3 `BriarDurations()` [2/2]

```
briar::BriarDurations::BriarDurations ( 
    const BriarDurations & from )
```

7.15.2 Member Function Documentation

7.15.2.1 `ByteSizeLong()`

```
size_t briar::BriarDurations::ByteSizeLong ( ) const [final]
```

7.15.2.2 Clear()

```
void briar::BriarDurations::Clear ( ) [final]
```

7.15.2.3 clear_client_duration_file_level()

```
void briar::BriarDurations::clear_client_duration_file_level ( ) [inline]
```

7.15.2.4 clear_client_duration_frame_level()

```
void briar::BriarDurations::clear_client_duration_frame_level ( ) [inline]
```

7.15.2.5 clear_grpc_inbound_transfer_duration()

```
void briar::BriarDurations::clear_grpc_inbound_transfer_duration ( ) [inline]
```

7.15.2.6 clear_grpc_outbound_transfer_duration()

```
void briar::BriarDurations::clear_grpc_outbound_transfer_duration ( ) [inline]
```

7.15.2.7 clear_service_duration()

```
void briar::BriarDurations::clear_service_duration ( ) [inline]
```

7.15.2.8 clear_sub_durations()

```
void briar::BriarDurations::clear_sub_durations ( ) [inline]
```

7.15.2.9 clear_total_duration()

```
void briar::BriarDurations::clear_total_duration ( ) [inline]
```

7.15.2.10 client_duration_file_level()

```
const ::briar::BriarDuration & briar::BriarDurations::client_duration_file_level ( ) const  
[inline]
```

7.15.2.11 client_duration_frame_level()

```
const ::briar::BriarDuration & briar::BriarDurations::client_duration_frame_level ( ) const  
[inline]
```

7.15.2.12 CopyFrom() [1/2]

```
void briar::BriarDurations::CopyFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.15.2.13 CopyFrom() [2/2]

```
void briar::BriarDurations::CopyFrom (   
    const BriarDurations & from )
```

7.15.2.14 default_instance()

```
const BriarDurations & briar::BriarDurations::default_instance ( ) [static]
```

7.15.2.15 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarDurations::descriptor ( ) [static]
```

7.15.2.16 GetCachedSize()

```
int briar::BriarDurations::GetCachedSize ( ) const [inline], [final]
```

7.15.2.17 GetMetadata()

```
google::protobuf::Metadata briar::BriarDurations::GetMetadata () const [final]
```

7.15.2.18 grpc_inbound_transfer_duration()

```
const ::briar::BriarDuration & briar::BriarDurations::grpc_inbound_transfer_duration () const [inline]
```

7.15.2.19 grpc_outbound_transfer_duration()

```
const ::briar::BriarDuration & briar::BriarDurations::grpc_outbound_transfer_duration () const [inline]
```

7.15.2.20 has_client_duration_file_level()

```
bool briar::BriarDurations::has_client_duration_file_level () const [inline]
```

7.15.2.21 has_client_duration_frame_level()

```
bool briar::BriarDurations::has_client_duration_frame_level () const [inline]
```

7.15.2.22 has_grpc_inbound_transfer_duration()

```
bool briar::BriarDurations::has_grpc_inbound_transfer_duration () const [inline]
```

7.15.2.23 has_grpc_outbound_transfer_duration()

```
bool briar::BriarDurations::has_grpc_outbound_transfer_duration () const [inline]
```

7.15.2.24 has_service_duration()

```
bool briar::BriarDurations::has_service_duration ( ) const [inline]
```

7.15.2.25 has_total_duration()

```
bool briar::BriarDurations::has_total_duration ( ) const [inline]
```

7.15.2.26 InitAsDefaultInstance()

```
void briar::BriarDurations::InitAsDefaultInstance ( ) [static]
```

7.15.2.27 internal_default_instance()

```
static const BriarDurations* briar::BriarDurations::internal_default_instance ( ) [inline],  
[static]
```

7.15.2.28 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarDurations::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.15.2.29 IsInitialized()

```
bool briar::BriarDurations::IsInitialized ( ) const [final]
```

7.15.2.30 MergeFrom() [1/2]

```
void briar::BriarDurations::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.15.2.31 MergeFrom() [2/2]

```
void briar::BriarDurations::MergeFrom (
    const BriarDurations & from )
```

7.15.2.32 MergePartialFromCodedStream()

```
bool briar::BriarDurations::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.15.2.33 mutable_client_duration_file_level()

```
briar::BriarDuration * briar::BriarDurations::mutable_client_duration_file_level () [inline]
```

7.15.2.34 mutable_client_duration_frame_level()

```
briar::BriarDuration * briar::BriarDurations::mutable_client_duration_frame_level () [inline]
```

7.15.2.35 mutable_grpc_inbound_transfer_duration()

```
briar::BriarDuration * briar::BriarDurations::mutable_grpc_inbound_transfer_duration () [inline]
```

7.15.2.36 mutable_grpc_outbound_transfer_duration()

```
briar::BriarDuration * briar::BriarDurations::mutable_grpc_outbound_transfer_duration () [inline]
```

7.15.2.37 mutable_service_duration()

```
briar::BriarDuration * briar::BriarDurations::mutable_service_duration () [inline]
```

7.15.2.38 mutable_sub_durations()

```
google::protobuf::Map<::std::string,::briar::BriarDuration> * briar::BriarDurations::mutable_<br>_sub_durations ( ) [inline]
```

7.15.2.39 mutable_total_duration()

```
briar::BriarDuration * briar::BriarDurations::mutable_total_duration ( ) [inline]
```

7.15.2.40 New() [1/2]

```
BriarDurations* briar::BriarDurations::New ( ) const [inline], [final]
```

7.15.2.41 New() [2/2]

```
BriarDurations* briar::BriarDurations::New ( <br> ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.15.2.42 operator=()

```
BriarDurations& briar::BriarDurations::operator= ( <br> const BriarDurations & from ) [inline]
```

7.15.2.43 release_client_duration_file_level()

```
briar::BriarDuration * briar::BriarDurations::release_client_duration_file_level ( ) [inline]
```

7.15.2.44 release_client_duration_frame_level()

```
briar::BriarDuration * briar::BriarDurations::release_client_duration_frame_level ( ) [inline]
```

7.15.2.45 release_grpc_inbound_transfer_duration()

```
briar::BriarDuration * briar::BriarDurations::release_grpc_inbound_transfer_duration ( ) [inline]
```

7.15.2.46 release_grpc_outbound_transfer_duration()

```
briar::BriarDuration * briar::BriarDurations::release_grpc_outbound_transfer_duration ( ) [inline]
```

7.15.2.47 release_service_duration()

```
briar::BriarDuration * briar::BriarDurations::release_service_duration ( ) [inline]
```

7.15.2.48 release_total_duration()

```
briar::BriarDuration * briar::BriarDurations::release_total_duration ( ) [inline]
```

7.15.2.49 SerializeWithCachedSizes()

```
void briar::BriarDurations::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.15.2.50 service_duration()

```
const ::briar::BriarDuration & briar::BriarDurations::service_duration ( ) const [inline]
```

7.15.2.51 set_allocated_client_duration_file_level()

```
void briar::BriarDurations::set_allocated_client_duration_file_level (
    ::briar::BriarDuration * client_duration_file_level ) [inline]
```

7.15.2.52 set_allocated_client_duration_frame_level()

```
void briar::BriarDurations::set_allocated_client_duration_frame_level (
    ::briar::BriarDuration * client_duration_frame_level ) [inline]
```

7.15.2.53 set_allocated_grpc_inbound_transfer_duration()

```
void briar::BriarDurations::set_allocated_grpc_inbound_transfer_duration (
    ::briar::BriarDuration * grpc_inbound_transfer_duration ) [inline]
```

7.15.2.54 set_allocated_grpc_outbound_transfer_duration()

```
void briar::BriarDurations::set_allocated_grpc_outbound_transfer_duration (
    ::briar::BriarDuration * grpc_outbound_transfer_duration ) [inline]
```

7.15.2.55 set_allocated_service_duration()

```
void briar::BriarDurations::set_allocated_service_duration (
    ::briar::BriarDuration * service_duration ) [inline]
```

7.15.2.56 set_allocated_total_duration()

```
void briar::BriarDurations::set_allocated_total_duration (
    ::briar::BriarDuration * total_duration ) [inline]
```

7.15.2.57 sub_durations()

```
const ::google::protobuf::Map<::std::string, ::briar::BriarDuration> & briar::BriarDurations::sub_durations( ) const [inline]
```

7.15.2.58 sub_durations_size()

```
int briar::BriarDurations::sub_durations_size( ) const [inline]
```

7.15.2.59 Swap()

```
void briar::BriarDurations::Swap (
    BriarDurations * other )
```

7.15.2.60 total_duration()

```
const ::briar::BriarDuration & briar::BriarDurations::total_duration () const [inline]
```

7.15.3 Friends And Related Function Documentation

7.15.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.15.3.2 swap

```
void swap (
    BriarDurations & a,
    BriarDurations & b ) [friend]
```

7.15.4 Member Data Documentation

7.15.4.1 kClientDurationFileLevelFieldNumber

```
const int briar::BriarDurations::kClientDurationFileLevelFieldNumber = 1 [static]
```

7.15.4.2 kClientDurationFrameLevelFieldNumber

```
const int briar::BriarDurations::kClientDurationFrameLevelFieldNumber = 2 [static]
```

7.15.4.3 kGrpcInboundTransferDurationFieldNumber

```
const int briar::BriarDurations::kGrpcInboundTransferDurationFieldNumber = 4 [static]
```

7.15.4.4 kGrpcOutboundTransferDurationFieldNumber

```
const int briar::BriarDurations::kGrpcOutboundTransferDurationFieldNumber = 3 [static]
```

7.15.4.5 kIndexInFileMessages

```
constexpr int briar::BriarDurations::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 45
```

7.15.4.6 kServiceDurationFieldNumber

```
const int briar::BriarDurations::kServiceDurationFieldNumber = 5 [static]
```

7.15.4.7 kSubDurationsFieldNumber

```
const int briar::BriarDurations::kSubDurationsFieldNumber = 6 [static]
```

7.15.4.8 kTotalDurationFieldNumber

```
const int briar::BriarDurations::kTotalDurationFieldNumber = 7 [static]
```

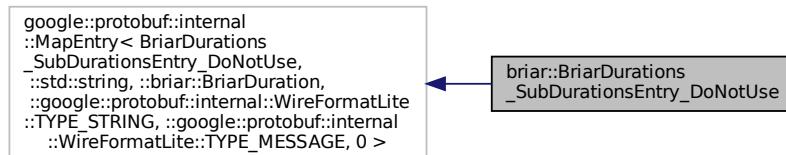
The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

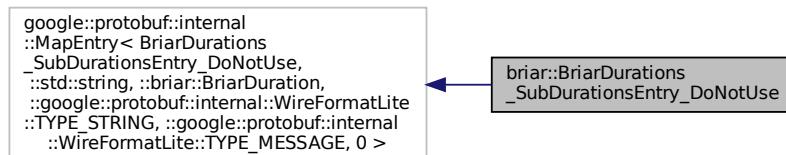
7.16 briar::BriarDurations_SubDurationsEntry_DoNotUse Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarDurations_SubDurationsEntry_DoNotUse:



Collaboration diagram for briar::BriarDurations_SubDurationsEntry_DoNotUse:



Public Types

- `typedef ::google::protobuf::internal::MapEntry< BriarDurations_SubDurationsEntry_DoNotUse, ::std::string, ::briar::BriarDuration, ::google::protobuf::internal::WireFormatLite::TYPE_STRING, ::google::protobuf::internal::WireFormatLite::TYPE_MESSAGE, 0 > SuperType`

Public Member Functions

- `BriarDurations_SubDurationsEntry_DoNotUse ()`
- `BriarDurations_SubDurationsEntry_DoNotUse (::google::protobuf::Arena *arena)`
- `::google::protobuf::Metadata GetMetadata () const`
- `void MergeFrom (const ::google::protobuf::Message &other) final`
- `void MergeFrom (const BriarDurations_SubDurationsEntry_DoNotUse &other)`

Static Public Member Functions

- `static const BriarDurations_SubDurationsEntry_DoNotUse * internal_default_instance ()`

7.16.1 Member Typedef Documentation

7.16.1.1 SuperType

```
typedef ::google::protobuf::internal::MapEntry<BriarDurations_SubDurationsEntry_DoNotUse, ↵
::std::string, ::briar::BriarDuration, ::google::protobuf::internal::WireFormatLite::TYPE_ST←
RING, ::google::protobuf::internal::WireFormatLite::TYPE_MESSAGE, 0 > briar::BriarDurations_SubDurationsEntry
```

7.16.2 Constructor & Destructor Documentation

7.16.2.1 BriarDurations_SubDurationsEntry_DoNotUse() [1/2]

```
briar::BriarDurations_SubDurationsEntry_DoNotUse::BriarDurations_SubDurationsEntry_DoNotUse ( )
```

7.16.2.2 BriarDurations_SubDurationsEntry_DoNotUse() [2/2]

```
briar::BriarDurations_SubDurationsEntry_DoNotUse::BriarDurations_SubDurationsEntry_DoNotUse ( ::google::protobuf::Arena * arena )
```

7.16.3 Member Function Documentation

7.16.3.1 GetMetadata()

```
google::protobuf::Metadata briar::BriarDurations_SubDurationsEntry_DoNotUse::GetMetadata ( ) const
```

7.16.3.2 internal_default_instance()

```
static const BriarDurations_SubDurationsEntry_DoNotUse* briar::BriarDurations_SubDurations←
Entry_DoNotUse::internal_default_instance ( ) [inline], [static]
```

7.16.3.3 MergeFrom() [1/2]

```
void briar::BriarDurations_SubDurationsEntry_DoNotUse::MergeFrom (
    const ::google::protobuf::Message & other ) [final]
```

7.16.3.4 MergeFrom() [2/2]

```
void briar::BriarDurations_SubDurationsEntry_DoNotUse::MergeFrom (
    const BriarDurations_SubDurationsEntry_DoNotUse & other )
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.17 briar::BriarDurations_SubDurationsEntry_DoNotUseDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarDurations_SubDurationsEntry_DoNotUse](#) > [_instance](#)

7.17.1 Member Data Documentation

7.17.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<BriarDurations\_SubDurationsEntry\_DoNotUse>
briar::BriarDurations_SubDurationsEntry_DoNotUseDefaultTypeInternal::_instance
```

The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.18 briar::BriarDurationsDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarDurations](#) > [_instance](#)

7.18.1 Member Data Documentation

7.18.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<BriarDurations> briar::BriarDurations<→  
DefaultTypeInternal:::_instance
```

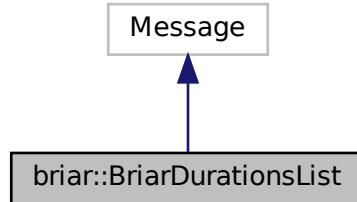
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

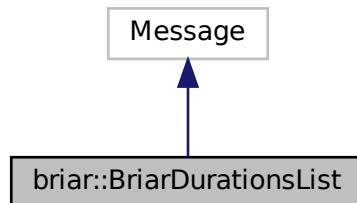
7.19 briar::BriarDurationsList Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarDurationsList:



Collaboration diagram for briar::BriarDurationsList:



Public Member Functions

- `::briar::BriarDurations * add_durations_list ()`
- `BriarDurationsList ()`
- `BriarDurationsList (const BriarDurationsList &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_durations_list ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarDurationsList &from)`
- `const ::google::protobuf::RepeatedPtrField< ::briar::BriarDurations > & durations_list () const`
- `const ::briar::BriarDurations & durations_list (int index) const`
- `int durations_list_size () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BriarDurationsList &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::briar::BriarDurations > * mutable_durations_list ()`
- `::briar::BriarDurations * mutable_durations_list (int index)`
- `BriarDurationsList * New () const final`
- `BriarDurationsList * New (::google::protobuf::Arena *arena) const final`
- `BriarDurationsList & operator= (const BriarDurationsList &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void Swap (BriarDurationsList *other)`
- `virtual ~BriarDurationsList ()`

Static Public Member Functions

- `static const BriarDurationsList & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const BriarDurationsList * internal_default_instance ()`

Static Public Attributes

- `static const int kDurationsListFieldNumber = 1`
- `static constexpr int kIndexInFileMessages`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- `void swap (BriarDurationsList &a, BriarDurationsList &b)`

7.19.1 Constructor & Destructor Documentation

7.19.1.1 **BriarDurationsList()** [1/2]

```
briar::BriarDurationsList::BriarDurationsList ( )
```

7.19.1.2 **~BriarDurationsList()**

```
briar::BriarDurationsList::~BriarDurationsList ( ) [virtual]
```

7.19.1.3 **BriarDurationsList()** [2/2]

```
briar::BriarDurationsList::BriarDurationsList ( const BriarDurationsList & from )
```

7.19.2 Member Function Documentation

7.19.2.1 **add_durations_list()**

```
briar::BriarDurations * briar::BriarDurationsList::add_durations_list ( ) [inline]
```

7.19.2.2 **ByteSizeLong()**

```
size_t briar::BriarDurationsList::ByteSizeLong ( ) const [final]
```

7.19.2.3 **Clear()**

```
void briar::BriarDurationsList::Clear ( ) [final]
```

7.19.2.4 **clear_durations_list()**

```
void briar::BriarDurationsList::clear_durations_list ( ) [inline]
```

7.19.2.5 CopyFrom() [1/2]

```
void briar::BriarDurationsList::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.19.2.6 CopyFrom() [2/2]

```
void briar::BriarDurationsList::CopyFrom (
    const BriarDurationsList & from)
```

7.19.2.7 default_instance()

```
const BriarDurationsList & briar::BriarDurationsList::default_instance () [static]
```

7.19.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarDurationsList::descriptor () [static]
```

7.19.2.9 durations_list() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::BriarDurations> & briar::BriarDurationsList::durations_list () const [inline]
```

7.19.2.10 durations_list() [2/2]

```
const ::briar::BriarDurations & briar::BriarDurationsList::durations_list (
    int index) const [inline]
```

7.19.2.11 durations_list_size()

```
int briar::BriarDurationsList::durations_list_size () const [inline]
```

7.19.2.12 GetCachedSize()

```
int briar::BriarDurationsList::GetCachedSize ( ) const [inline], [final]
```

7.19.2.13 GetMetadata()

```
google::protobuf::Metadata briar::BriarDurationsList::GetMetadata ( ) const [final]
```

7.19.2.14 InitAsDefaultInstance()

```
void briar::BriarDurationsList::InitAsDefaultInstance ( ) [static]
```

7.19.2.15 internal_default_instance()

```
static const BriarDurationsList* briar::BriarDurationsList::internal_default_instance ( ) [inline], [static]
```

7.19.2.16 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarDurationsList::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.19.2.17 IsInitialized()

```
bool briar::BriarDurationsList::IsInitialized ( ) const [final]
```

7.19.2.18 MergeFrom() [1/2]

```
void briar::BriarDurationsList::MergeFrom ( const ::google::protobuf::Message & from ) [final]
```

7.19.2.19 MergeFrom() [2/2]

```
void briar::BriarDurationsList::MergeFrom (
    const BriarDurationsList & from )
```

7.19.2.20 MergePartialFromCodedStream()

```
bool briar::BriarDurationsList::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.19.2.21 mutable_durations_list() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::BriarDurations> * briar::BriarDurationsList::mutable_durations_list () [inline]
```

7.19.2.22 mutable_durations_list() [2/2]

```
briar::BriarDurations * briar::BriarDurationsList::mutable_durations_list (
    int index ) [inline]
```

7.19.2.23 New() [1/2]

```
BriarDurationsList* briar::BriarDurationsList::New () const [inline], [final]
```

7.19.2.24 New() [2/2]

```
BriarDurationsList* briar::BriarDurationsList::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.19.2.25 operator=()

```
BriarDurationsList& briar::BriarDurationsList::operator= (
    const BriarDurationsList & from ) [inline]
```

7.19.2.26 SerializeWithCachedSizes()

```
void briar::BriarDurationsList::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.19.2.27 Swap()

```
void briar::BriarDurationsList::Swap (
    BriarDurationsList * other )
```

7.19.3 Friends And Related Function Documentation

7.19.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.19.3.2 swap

```
void swap (
    BriarDurationsList & a,
    BriarDurationsList & b ) [friend]
```

7.19.4 Member Data Documentation

7.19.4.1 kDurationsListFieldNumber

```
const int briar::BriarDurationsList::kDurationsListFieldNumber = 1 [static]
```

7.19.4.2 kIndexInFileMessages

```
constexpr int briar::BriarDurationsList::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 46
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.20 briar::BriarDurationsListDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarDurationsList](#) > `_instance`

7.20.1 Member Data Documentation

7.20.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed< BriarDurationsList > briar::BriarDurationsListDefaultTypeInternal::_instance`

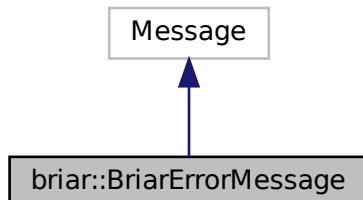
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

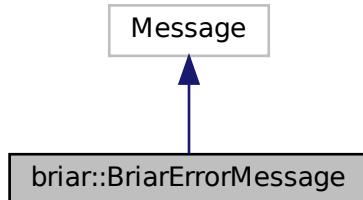
7.21 briar::BriarErrorMessage Class Reference

```
#include <briar_error.pb.h>
```

Inheritance diagram for briar::BriarErrorMessage:



Collaboration diagram for briar::BriarErrorMessage:



Public Member Functions

- `BriarErrorMessage ()`
- `BriarErrorMessage (const BriarErrorMessage &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_error_code ()`
- `void clear_error_message ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarErrorMessage &from)`
- `::google::protobuf::int32 error_code () const`
- `const ::std::string & error_message () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BriarErrorMessage &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::std::string * mutable_error_message ()`
- `BriarErrorMessage * New () const final`
- `BriarErrorMessage * New (::google::protobuf::Arena *arena) const final`
- `BriarErrorMessage & operator= (const BriarErrorMessage &from)`
- `::std::string * release_error_message ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_error_message (::std::string *error_message)`
- `void set_error_code (::google::protobuf::int32 value)`
- `void set_error_message (const ::std::string &value)`
- `void set_error_message (const char *value)`
- `void set_error_message (const char *value, size_t size)`
- `void Swap (BriarErrorMessage *other)`
- `virtual ~BriarErrorMessage ()`

Static Public Member Functions

- `static const BriarErrorMessage & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const BriarErrorMessage * internal_default_instance ()`

Static Public Attributes

- `static const int kErrorCodeFieldNumber = 1`
- `static const int kErrorMessageFieldNumber = 2`
- `static constexpr int kIndexInFileMessages`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::TableStruct`
- `void swap (BriarErrorMessage &a, BriarErrorMessage &b)`

7.21.1 Constructor & Destructor Documentation

7.21.1.1 BriarErrorMessage() [1/2]

```
briar::BriarErrorMessage::BriarErrorMessage ( )
```

7.21.1.2 ~BriarErrorMessage()

```
briar::BriarErrorMessage::~BriarErrorMessage ( ) [virtual]
```

7.21.1.3 BriarErrorMessage() [2/2]

```
briar::BriarErrorMessage::BriarErrorMessage ( 
    const BriarErrorMessage & from )
```

7.21.2 Member Function Documentation

7.21.2.1 ByteSizeLong()

```
size_t briar::BriarErrorMessage::ByteSizeLong ( ) const [final]
```

7.21.2.2 Clear()

```
void briar::BriarErrorMessage::Clear ( ) [final]
```

7.21.2.3 clear_error_code()

```
void briar::BriarErrorMessage::clear_error_code ( ) [inline]
```

7.21.2.4 clear_error_message()

```
void briar::BriarErrorMessage::clear_error_message ( ) [inline]
```

7.21.2.5 CopyFrom() [1/2]

```
void briar::BriarErrorMessage::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.21.2.6 CopyFrom() [2/2]

```
void briar::BriarErrorMessage::CopyFrom (
    const BriarErrorMessage & from)
```

7.21.2.7 default_instance()

```
const BriarErrorMessage & briar::BriarErrorMessage::default_instance ( ) [static]
```

7.21.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarErrorMessage::descriptor ( ) [static]
```

7.21.2.9 error_code()

```
google::protobuf::int32 briar::BriarErrorMessage::error_code ( ) const [inline]
```

7.21.2.10 error_message()

```
const ::std::string & briar::BriarErrorMessage::error_message ( ) const [inline]
```

7.21.2.11 GetCachedSize()

```
int briar::BriarErrorMessage::GetCachedSize ( ) const [inline], [final]
```

7.21.2.12 GetMetadata()

```
google::protobuf::Metadata briar::BriarErrorMessage::GetMetadata ( ) const [final]
```

7.21.2.13 InitAsDefaultInstance()

```
void briar::BriarErrorMessage::InitAsDefaultInstance ( ) [static]
```

7.21.2.14 internal_default_instance()

```
static const BriarErrorMessage* briar::BriarErrorMessage::internal_default_instance ( ) [inline], [static]
```

7.21.2.15 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarErrorMessage::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.21.2.16 IsInitialized()

```
bool briar::BriarErrorMessage::IsInitialized ( ) const [final]
```

7.21.2.17 MergeFrom() [1/2]

```
void briar::BriarErrorMessage::MergeFrom ( const ::google::protobuf::Message & from ) [final]
```

7.21.2.18 MergeFrom() [2/2]

```
void briar::BriarErrorMessage::MergeFrom (
    const BriarErrorMessage & from )
```

7.21.2.19 MergePartialFromCodedStream()

```
bool briar::BriarErrorMessage::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.21.2.20 mutable_error_message()

```
std::string * briar::BriarErrorMessage::mutable_error_message ( ) [inline]
```

7.21.2.21 New() [1/2]

```
BriarErrorMessage* briar::BriarErrorMessage::New ( ) const [inline], [final]
```

7.21.2.22 New() [2/2]

```
BriarErrorMessage* briar::BriarErrorMessage::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.21.2.23 operator=()

```
BriarErrorMessage& briar::BriarErrorMessage::operator= (
    const BriarErrorMessage & from ) [inline]
```

7.21.2.24 release_error_message()

```
std::string * briar::BriarErrorMessage::release_error_message ( ) [inline]
```

7.21.2.25 SerializeWithCachedSizes()

```
void briar::BriarErrorMessage::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.21.2.26 set_allocated_error_message()

```
void briar::BriarErrorMessage::set_allocated_error_message (
    ::std::string * error_message ) [inline]
```

7.21.2.27 set_error_code()

```
void briar::BriarErrorMessage::set_error_code (
    ::google::protobuf::int32 value ) [inline]
```

7.21.2.28 set_error_message() [1/3]

```
void briar::BriarErrorMessage::set_error_message (
    const ::std::string & value ) [inline]
```

7.21.2.29 set_error_message() [2/3]

```
void briar::BriarErrorMessage::set_error_message (
    const char * value ) [inline]
```

7.21.2.30 set_error_message() [3/3]

```
void briar::BriarErrorMessage::set_error_message (
    const char * value,
    size_t size ) [inline]
```

7.21.2.31 Swap()

```
void briar::BriarErrorMessage::Swap (
    BriarErrorMessage * other )
```

7.21.3 Friends And Related Function Documentation

7.21.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::TableStruct [friend]
```

7.21.3.2 swap

```
void swap (
    BriarErrorMessage & a,
    BriarErrorMessage & b ) [friend]
```

7.21.4 Member Data Documentation

7.21.4.1 kErrorCodeFieldNumber

```
const int briar::BriarErrorMessage::kErrorCodeFieldNumber = 1 [static]
```

7.21.4.2 kErrorMessageFieldNumber

```
const int briar::BriarErrorMessage::kErrorMessageFieldNumber = 2 [static]
```

7.21.4.3 kIndexInFileMessages

```
constexpr int briar::BriarErrorMessage::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 1
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_error.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_error.pb.cc

7.22 briar::BriarErrorMessageDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[BriarErrorMessage](#)> `_instance`

7.22.1 Member Data Documentation

7.22.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<BriarErrorMessage> briar::BriarError<->
MessageDefaultTypeInternal:::_instance
```

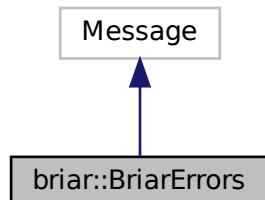
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_error.pb.cc](#)

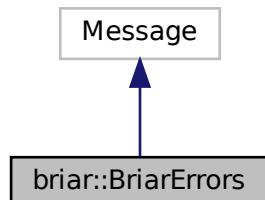
7.23 briar::BriarErrors Class Reference

```
#include <briar_error.pb.h>
```

Inheritance diagram for briar::BriarErrors:



Collaboration diagram for briar::BriarErrors:



Public Member Functions

- void `add_errors` (`::briar::BriarError` value)
- `BriarErrors` ()
- `BriarErrors` (const `BriarErrors` &from)
- `size_t ByteSizeLong` () const final
- void `Clear` () final
- void `clear_errors` ()
- void `clear_length` ()
- void `CopyFrom` (const ::google::protobuf::Message &from) final
- void `CopyFrom` (const `BriarErrors` &from)
- const ::google::protobuf::RepeatedField< int > & `errors` () const
- `::briar::BriarError errors` (int index) const
- int `errors_size` () const
- int `GetCachedSize` () const final
- ::google::protobuf::Metadata `GetMetadata` () const final
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized` () const final
- ::google::protobuf::int32 `length` () const
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `BriarErrors` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::google::protobuf::RepeatedField< int > * `mutable_errors` ()
- `BriarErrors` * `New` () const final
- `BriarErrors` * `New` (::google::protobuf::Arena *arena) const final
- `BriarErrors` & `operator=` (const `BriarErrors` &from)
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_errors` (int index, `::briar::BriarError` value)
- void `set_length` (::google::protobuf::int32 value)
- void `Swap` (`BriarErrors` *other)
- virtual ~`BriarErrors` ()

Static Public Member Functions

- static const `BriarErrors` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `BriarErrors` * `internal_default_instance` ()

Static Public Attributes

- static const int `kErrorsFieldNumber` = 1
- static constexpr int `kIndexInFileMessages`
- static const int `kLengthFieldNumber` = 2

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::TableStruct
- void `swap` (`BriarErrors` &a, `BriarErrors` &b)

7.23.1 Constructor & Destructor Documentation

7.23.1.1 BriarErrors() [1/2]

```
briar::BriarErrors::BriarErrors ( )
```

7.23.1.2 ~BriarErrors()

```
briar::BriarErrors::~BriarErrors ( ) [virtual]
```

7.23.1.3 BriarErrors() [2/2]

```
briar::BriarErrors::BriarErrors (
    const BriarErrors & from )
```

7.23.2 Member Function Documentation

7.23.2.1 add_errors()

```
void briar::BriarErrors::add_errors (
    ::briar::BriarError value ) [inline]
```

7.23.2.2 ByteSizeLong()

```
size_t briar::BriarErrors::ByteSizeLong ( ) const [final]
```

7.23.2.3 Clear()

```
void briar::BriarErrors::Clear ( ) [final]
```

7.23.2.4 clear_errors()

```
void briar::BriarErrors::clear_errors ( ) [inline]
```

7.23.2.5 clear_length()

```
void briar::BriarErrors::clear_length ( ) [inline]
```

7.23.2.6 CopyFrom() [1/2]

```
void briar::BriarErrors::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.23.2.7 CopyFrom() [2/2]

```
void briar::BriarErrors::CopyFrom (
    const BriarErrors & from )
```

7.23.2.8 default_instance()

```
const BriarErrors & briar::BriarErrors::default_instance ( ) [static]
```

7.23.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarErrors::descriptor ( ) [static]
```

7.23.2.10 errors() [1/2]

```
const ::google::protobuf::RepeatedField< int > & briar::BriarErrors::errors ( ) const [inline]
```

7.23.2.11 errors() [2/2]

```
briar::BriarError briar::BriarErrors::errors (
    int index ) const  [inline]
```

7.23.2.12 errors_size()

```
int briar::BriarErrors::errors_size ( ) const  [inline]
```

7.23.2.13 GetCachedSize()

```
int briar::BriarErrors::GetCachedSize ( ) const  [inline], [final]
```

7.23.2.14 GetMetadata()

```
google::protobuf::Metadata briar::BriarErrors::GetMetadata ( ) const  [final]
```

7.23.2.15 InitAsDefaultInstance()

```
void briar::BriarErrors::InitAsDefaultInstance ( )  [static]
```

7.23.2.16 internal_default_instance()

```
static const BriarErrors* briar::BriarErrors::internal_default_instance ( )  [inline], [static]
```

7.23.2.17 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarErrors::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const  [final]
```

7.23.2.18 IsInitialized()

```
bool briar::BriarErrors::IsInitialized ( ) const [final]
```

7.23.2.19 length()

```
google::protobuf::int32 briar::BriarErrors::length ( ) const [inline]
```

7.23.2.20 MergeFrom() [1/2]

```
void briar::BriarErrors::MergeFrom (
    const ::google::protobuf::Message & from) [final]
```

7.23.2.21 MergeFrom() [2/2]

```
void briar::BriarErrors::MergeFrom (
    const BriarErrors & from)
```

7.23.2.22 MergePartialFromCodedStream()

```
bool briar::BriarErrors::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input) [final]
```

7.23.2.23 mutable_errors()

```
google::protobuf::RepeatedField< int > * briar::BriarErrors::mutable_errors ( ) [inline]
```

7.23.2.24 New() [1/2]

```
BriarErrors* briar::BriarErrors::New ( ) const [inline], [final]
```

7.23.2.25 New() [2/2]

```
BriarErrors* briar::BriarErrors::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.23.2.26 operator=()

```
BriarErrors& briar::BriarErrors::operator= (
    const BriarErrors & from ) [inline]
```

7.23.2.27 SerializeWithCachedSizes()

```
void briar::BriarErrors::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.23.2.28 set_errors()

```
void briar::BriarErrors::set_errors (
    int index,
    ::briar::BriarError value ) [inline]
```

7.23.2.29 set_length()

```
void briar::BriarErrors::set_length (
    ::google::protobuf::int32 value ) [inline]
```

7.23.2.30 Swap()

```
void briar::BriarErrors::Swap (
    BriarErrors * other )
```

7.23.3 Friends And Related Function Documentation

7.23.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::TableStruct [friend]
```

7.23.3.2 swap

```
void swap (
    BriarErrors & a,
    BriarErrors & b ) [friend]
```

7.23.4 Member Data Documentation

7.23.4.1 kErrorsFieldNumber

```
const int briar::BriarErrors::kErrorsFieldNumber = 1 [static]
```

7.23.4.2 kIndexInFileMessages

```
constexpr int briar::BriarErrors::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 0
```

7.23.4.3 kLengthFieldNumber

```
const int briar::BriarErrors::kLengthFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_error.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_error.pb.cc

7.24 briar::BriarErrorsDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarErrors](#) > [_instance](#)

7.24.1 Member Data Documentation

7.24.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<BriarErrors> briar::BriarErrorsDefault←  
TypeInternal::__instance
```

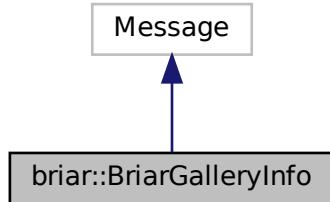
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_error.pb.cc](#)

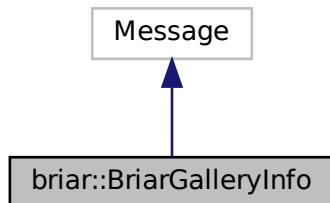
7.25 briar::BriarGalleryInfo Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarGalleryInfo:



Collaboration diagram for briar::BriarGalleryInfo:



Public Member Functions

- `::std::string * add_ids ()`
- `void add_ids (const ::std::string &value)`
- `void add_ids (const char *value)`
- `void add_ids (const char *value, size_t size)`
- `BriarGalleryInfo ()`
- `BriarGalleryInfo (const BriarGalleryInfo &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_count ()`
- `void clear_gallery_name ()`
- `void clear_ids ()`
- `void clear_length ()`
- `void clear_num_unique_templates ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarGalleryInfo &from)`
- `::google::protobuf::int64 count () const`
- `const ::std::string & gallery_name () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `const ::google::protobuf::RepeatedPtrField< ::std::string > & ids () const`
- `const ::std::string & ids (int index) const`
- `int ids_size () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `::google::protobuf::int32 length () const`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BriarGalleryInfo &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::std::string * mutable_gallery_name ()`
- `::google::protobuf::RepeatedPtrField< ::std::string > * mutable_ids ()`
- `::std::string * mutable_ids (int index)`
- `BriarGalleryInfo * New () const final`
- `BriarGalleryInfo * New (::google::protobuf::Arena *arena) const final`
- `::google::protobuf::int32 num_unique_templates () const`
- `BriarGalleryInfo & operator= (const BriarGalleryInfo &from)`
- `::std::string * release_gallery_name ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_gallery_name (::std::string *gallery_name)`
- `void set_count (::google::protobuf::int64 value)`
- `void set_gallery_name (const ::std::string &value)`
- `void set_gallery_name (const char *value)`
- `void set_gallery_name (const char *value, size_t size)`
- `void set_ids (int index, const ::std::string &value)`
- `void set_ids (int index, const char *value)`
- `void set_ids (int index, const char *value, size_t size)`
- `void set_length (::google::protobuf::int32 value)`
- `void set_num_unique_templates (::google::protobuf::int32 value)`
- `void Swap (BriarGalleryInfo *other)`
- `virtual ~BriarGalleryInfo ()`

Static Public Member Functions

- static const `BriarGalleryInfo & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `BriarGalleryInfo * internal_default_instance ()`

Static Public Attributes

- static const int `kCountFieldNumber = 2`
- static const int `kGalleryNameFieldNumber = 1`
- static const int `kIdsFieldNumber = 3`
- static constexpr int `kIndexInFileMessages`
- static const int `kLengthFieldNumber = 4`
- static const int `kNumUniqueTemplatesFieldNumber = 5`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (BriarGalleryInfo &a, BriarGalleryInfo &b)`

7.25.1 Constructor & Destructor Documentation

7.25.1.1 `BriarGalleryInfo()` [1/2]

```
briar::BriarGalleryInfo::BriarGalleryInfo ( )
```

7.25.1.2 `~BriarGalleryInfo()`

```
briar::BriarGalleryInfo::~BriarGalleryInfo ( ) [virtual]
```

7.25.1.3 `BriarGalleryInfo()` [2/2]

```
briar::BriarGalleryInfo::BriarGalleryInfo ( 
    const BriarGalleryInfo & from )
```

7.25.2 Member Function Documentation

7.25.2.1 add_ids() [1/4]

```
std::string * briar::BriarGalleryInfo::add_ids ( ) [inline]
```

7.25.2.2 add_ids() [2/4]

```
void briar::BriarGalleryInfo::add_ids (
    const ::std::string & value ) [inline]
```

7.25.2.3 add_ids() [3/4]

```
void briar::BriarGalleryInfo::add_ids (
    const char * value ) [inline]
```

7.25.2.4 add_ids() [4/4]

```
void briar::BriarGalleryInfo::add_ids (
    const char * value,
    size_t size ) [inline]
```

7.25.2.5 ByteSizeLong()

```
size_t briar::BriarGalleryInfo::ByteSizeLong ( ) const [final]
```

7.25.2.6 Clear()

```
void briar::BriarGalleryInfo::Clear ( ) [final]
```

7.25.2.7 clear_count()

```
void briar::BriarGalleryInfo::clear_count ( ) [inline]
```

7.25.2.8 clear_gallery_name()

```
void briar::BriarGalleryInfo::clear_gallery_name ( ) [inline]
```

7.25.2.9 clear_ids()

```
void briar::BriarGalleryInfo::clear_ids ( ) [inline]
```

7.25.2.10 clear_length()

```
void briar::BriarGalleryInfo::clear_length ( ) [inline]
```

7.25.2.11 clear_num_unique_templates()

```
void briar::BriarGalleryInfo::clear_num_unique_templates ( ) [inline]
```

7.25.2.12 CopyFrom() [1/2]

```
void briar::BriarGalleryInfo::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.25.2.13 CopyFrom() [2/2]

```
void briar::BriarGalleryInfo::CopyFrom (
    const BriarGalleryInfo & from )
```

7.25.2.14 count()

```
google::protobuf::int64 briar::BriarGalleryInfo::count ( ) const [inline]
```

7.25.2.15 default_instance()

```
const BriarGalleryInfo & briar::BriarGalleryInfo::default_instance ( ) [static]
```

7.25.2.16 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarGalleryInfo::descriptor ( ) [static]
```

7.25.2.17 gallery_name()

```
const ::std::string & briar::BriarGalleryInfo::gallery_name ( ) const [inline]
```

7.25.2.18 GetCachedSize()

```
int briar::BriarGalleryInfo::GetCachedSize ( ) const [inline], [final]
```

7.25.2.19 GetMetadata()

```
google::protobuf::Metadata briar::BriarGalleryInfo::GetMetadata ( ) const [final]
```

7.25.2.20 ids() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::std::string> & briar::BriarGalleryInfo::ids ( )  
const [inline]
```

7.25.2.21 ids() [2/2]

```
const ::std::string & briar::BriarGalleryInfo::ids (   
    int index ) const [inline]
```

7.25.2.22 ids_size()

```
int briar::BriarGalleryInfo::ids_size ( ) const [inline]
```

7.25.2.23 InitAsDefaultInstance()

```
void briar::BriarGalleryInfo::InitAsDefaultInstance ( ) [static]
```

7.25.2.24 internal_default_instance()

```
static const BriarGalleryInfo* briar::BriarGalleryInfo::internal_default_instance ( ) [inline],  
[static]
```

7.25.2.25 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarGalleryInfo::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.25.2.26 IsInitialized()

```
bool briar::BriarGalleryInfo::IsInitialized ( ) const [final]
```

7.25.2.27 length()

```
google::protobuf::int32 briar::BriarGalleryInfo::length ( ) const [inline]
```

7.25.2.28 MergeFrom() [1/2]

```
void briar::BriarGalleryInfo::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.25.2.29 MergeFrom() [2/2]

```
void briar::BriarGalleryInfo::MergeFrom (
    const BriarGalleryInfo & from )
```

7.25.2.30 MergePartialFromCodedStream()

```
bool briar::BriarGalleryInfo::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.25.2.31 mutable_gallery_name()

```
std::string * briar::BriarGalleryInfo::mutable_gallery_name ( ) [inline]
```

7.25.2.32 mutable_ids() [1/2]

```
google::protobuf::RepeatedPtrField<::std::string> * briar::BriarGalleryInfo::mutable_ids ( )
[inline]
```

7.25.2.33 mutable_ids() [2/2]

```
std::string * briar::BriarGalleryInfo::mutable_ids (
    int index ) [inline]
```

7.25.2.34 New() [1/2]

```
BriarGalleryInfo* briar::BriarGalleryInfo::New ( ) const [inline], [final]
```

7.25.2.35 New() [2/2]

```
BriarGalleryInfo* briar::BriarGalleryInfo::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.25.2.36 num_unique_templates()

```
google::protobuf::int32 briar::BriarGalleryInfo::num_unique_templates ( ) const [inline]
```

7.25.2.37 operator=()

```
BriarGalleryInfo& briar::BriarGalleryInfo::operator= ( const BriarGalleryInfo & from ) [inline]
```

7.25.2.38 release_gallery_name()

```
std::string * briar::BriarGalleryInfo::release_gallery_name ( ) [inline]
```

7.25.2.39 SerializeWithCachedSizes()

```
void briar::BriarGalleryInfo::SerializeWithCachedSizes ( ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.25.2.40 set_allocated_gallery_name()

```
void briar::BriarGalleryInfo::set_allocated_gallery_name ( ::std::string * gallery_name ) [inline]
```

7.25.2.41 set_count()

```
void briar::BriarGalleryInfo::set_count ( ::google::protobuf::int64 value ) [inline]
```

7.25.2.42 set_gallery_name() [1/3]

```
void briar::BriarGalleryInfo::set_gallery_name ( const ::std::string & value ) [inline]
```

7.25.2.43 set_gallery_name() [2/3]

```
void briar::BriarGalleryInfo::set_gallery_name (
    const char * value )  [inline]
```

7.25.2.44 set_gallery_name() [3/3]

```
void briar::BriarGalleryInfo::set_gallery_name (
    const char * value,
    size_t size )  [inline]
```

7.25.2.45 set_ids() [1/3]

```
void briar::BriarGalleryInfo::set_ids (
    int index,
    const ::std::string & value )  [inline]
```

7.25.2.46 set_ids() [2/3]

```
void briar::BriarGalleryInfo::set_ids (
    int index,
    const char * value )  [inline]
```

7.25.2.47 set_ids() [3/3]

```
void briar::BriarGalleryInfo::set_ids (
    int index,
    const char * value,
    size_t size )  [inline]
```

7.25.2.48 set_length()

```
void briar::BriarGalleryInfo::set_length (
    ::google::protobuf::int32 value )  [inline]
```

7.25.2.49 set_num_unique_templates()

```
void briar::BriarGalleryInfo::set_num_unique_templates (
    ::google::protobuf::int32 value) [inline]
```

7.25.2.50 Swap()

```
void briar::BriarGalleryInfo::Swap (
    BriarGalleryInfo * other)
```

7.25.3 Friends And Related Function Documentation

7.25.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.25.3.2 swap

```
void swap (
    BriarGalleryInfo & a,
    BriarGalleryInfo & b) [friend]
```

7.25.4 Member Data Documentation

7.25.4.1 kCountFieldNumber

```
const int briar::BriarGalleryInfo::kCountFieldNumber = 2 [static]
```

7.25.4.2 kGalleryNameFieldNumber

```
const int briar::BriarGalleryInfo::kGalleryNameFieldNumber = 1 [static]
```

7.25.4.3 kIdsFieldNumber

```
const int briar::BriarGalleryInfo::kIdsFieldNumber = 3 [static]
```

7.25.4.4 kIndexInFileMessages

```
constexpr int briar::BriarGalleryInfo::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 39
```

7.25.4.5 kLengthFieldNumber

```
const int briar::BriarGalleryInfo::kLengthFieldNumber = 4 [static]
```

7.25.4.6 kNumUniqueTemplatesFieldNumber

```
const int briar::BriarGalleryInfo::kNumUniqueTemplatesFieldNumber = 5 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.26 briar::BriarGalleryInfoDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarGalleryInfo](#) > [_instance](#)

7.26.1 Member Data Documentation

7.26.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<BriarGalleryInfo> briar::BriarGallery←
InfoDefaultTypeInternal::\_instance
```

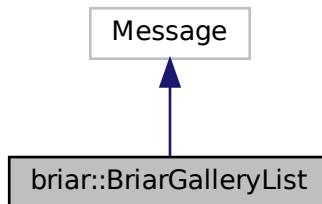
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

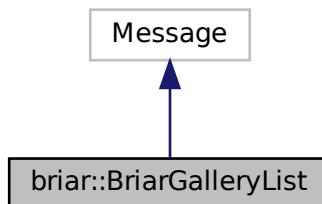
7.27 briar::BriarGalleryList Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarGalleryList:



Collaboration diagram for briar::BriarGalleryList:



Public Member Functions

- `::briar::BriarGalleryInfo * add_galleries ()`
- `BriarGalleryList ()`
- `BriarGalleryList (const BriarGalleryList &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_galleries ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarGalleryList &from)`
- `const ::google::protobuf::RepeatedPtrField<::briar::BriarGalleryInfo> & galleries () const`
- `const ::briar::BriarGalleryInfo & galleries (int index) const`
- `int galleries_size () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`

- ::google::protobuf::uint8 * [InternalSerializeWithCachedSizesToArray](#) (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool [IsInitialized](#) () const final
- void [MergeFrom](#) (const ::google::protobuf::Message &from) final
- void [MergeFrom](#) (const [BriarGalleryList](#) &from)
- bool [MergePartialFromCodedStream](#) (::google::protobuf::io::CodedInputStream *input) final
- ::google::protobuf::RepeatedPtrField< ::briar::BriarGalleryInfo > * [mutable_galleries](#) ()
- ::briar::BriarGalleryInfo * [mutable_galleries](#) (int index)
- [BriarGalleryList](#) * [New](#) () const final
- [BriarGalleryList](#) * [New](#) (::google::protobuf::Arena *arena) const final
- [BriarGalleryList](#) & [operator=](#) (const [BriarGalleryList](#) &from)
- void [SerializeWithCachedSizes](#) (::google::protobuf::io::CodedOutputStream *output) const final
- void [Swap](#) ([BriarGalleryList](#) *other)
- virtual ~[BriarGalleryList](#) ()

Static Public Member Functions

- static const [BriarGalleryList](#) & [default_instance](#) ()
- static const ::google::protobuf::Descriptor * [descriptor](#) ()
- static void [InitAsDefaultInstance](#) ()
- static const [BriarGalleryList](#) * [internal_default_instance](#) ()

Static Public Attributes

- static const int [kGalleriesFieldNumber](#) = 1
- static constexpr int [kIndexInFileMessages](#)

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void [swap](#) ([BriarGalleryList](#) &a, [BriarGalleryList](#) &b)

7.27.1 Constructor & Destructor Documentation

7.27.1.1 [BriarGalleryList\(\)](#) [1/2]

```
briar::BriarGalleryList::BriarGalleryList ( )
```

7.27.1.2 ~[BriarGalleryList\(\)](#)

```
briar::BriarGalleryList::~BriarGalleryList ( ) [virtual]
```

7.27.1.3 BriarGalleryList() [2/2]

```
briar::BriarGalleryList::BriarGalleryList (
    const BriarGalleryList & from )
```

7.27.2 Member Function Documentation

7.27.2.1 add_galleries()

```
briar::BriarGalleryInfo * briar::BriarGalleryList::add_galleries ( ) [inline]
```

7.27.2.2 ByteSizeLong()

```
size_t briar::BriarGalleryList::ByteSizeLong ( ) const [final]
```

7.27.2.3 Clear()

```
void briar::BriarGalleryList::Clear ( ) [final]
```

7.27.2.4 clear_galleries()

```
void briar::BriarGalleryList::clear_galleries ( ) [inline]
```

7.27.2.5 CopyFrom() [1/2]

```
void briar::BriarGalleryList::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.27.2.6 CopyFrom() [2/2]

```
void briar::BriarGalleryList::CopyFrom (
    const BriarGalleryList & from )
```

7.27.2.7 `default_instance()`

```
const BriarGalleryList & briar::BriarGalleryList::default_instance ( ) [static]
```

7.27.2.8 `descriptor()`

```
const ::google::protobuf::Descriptor * briar::BriarGalleryList::descriptor ( ) [static]
```

7.27.2.9 `galleries()` [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::BriarGalleryInfo> & briar::BriarGalleryList::galleries ( ) const [inline]
```

7.27.2.10 `galleries()` [2/2]

```
const ::briar::BriarGalleryInfo & briar::BriarGalleryList::galleries ( int index ) const [inline]
```

7.27.2.11 `galleries_size()`

```
int briar::BriarGalleryList::galleries_size ( ) const [inline]
```

7.27.2.12 `GetCachedSize()`

```
int briar::BriarGalleryList::GetCachedSize ( ) const [inline], [final]
```

7.27.2.13 `GetMetadata()`

```
google::protobuf::Metadata briar::BriarGalleryList::GetMetadata ( ) const [final]
```

7.27.2.14 InitAsDefaultInstance()

```
void briar::BriarGalleryList::InitAsDefaultInstance ( ) [static]
```

7.27.2.15 internal_default_instance()

```
static const BriarGalleryList* briar::BriarGalleryList::internal_default_instance ( ) [inline],  
[static]
```

7.27.2.16 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarGalleryList::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.27.2.17 IsInitialized()

```
bool briar::BriarGalleryList::IsInitialized ( ) const [final]
```

7.27.2.18 MergeFrom() [1/2]

```
void briar::BriarGalleryList::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.27.2.19 MergeFrom() [2/2]

```
void briar::BriarGalleryList::MergeFrom (   
    const BriarGalleryList & from )
```

7.27.2.20 MergePartialFromCodedStream()

```
bool briar::BriarGalleryList::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.27.2.21 mutable_galleries() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::BriarGalleryInfo> * briar::BriarGalleryList->
::mutable_galleries( ) [inline]
```

7.27.2.22 mutable_galleries() [2/2]

```
briar::BriarGalleryInfo * briar::BriarGalleryList::mutable_galleries(
    int index ) [inline]
```

7.27.2.23 New() [1/2]

```
BriarGalleryList* briar::BriarGalleryList::New( ) const [inline], [final]
```

7.27.2.24 New() [2/2]

```
BriarGalleryList* briar::BriarGalleryList::New(
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.27.2.25 operator=()

```
BriarGalleryList& briar::BriarGalleryList::operator= (
    const BriarGalleryList & from ) [inline]
```

7.27.2.26 SerializeWithCachedSizes()

```
void briar::BriarGalleryList::SerializeWithCachedSizes(
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.27.2.27 Swap()

```
void briar::BriarGalleryList::Swap(
    BriarGalleryList * other )
```

7.27.3 Friends And Related Function Documentation

7.27.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.27.3.2 swap

```
void swap (
    BriarGalleryList & a,
    BriarGalleryList & b ) [friend]
```

7.27.4 Member Data Documentation

7.27.4.1 kGalleriesFieldNumber

```
const int briar::BriarGalleryList::kGalleriesFieldNumber = 1 [static]
```

7.27.4.2 kIndexInFileMessages

```
constexpr int briar::BriarGalleryList::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 40
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.cc

7.28 briar::BriarGalleryListDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarGalleryList](#) > _instance

7.28.1 Member Data Documentation

7.28.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<BriarGalleryList> briar::BriarGallery<-
ListDefaultTypeInternal::_instance
```

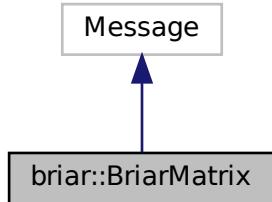
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

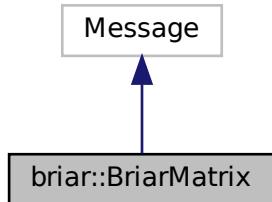
7.29 briar::BriarMatrix Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarMatrix:



Collaboration diagram for briar::BriarMatrix:



Public Member Functions

- `::std::string * add_column_headers ()`
- `void add_column_headers (const ::std::string &value)`
- `void add_column_headers (const char *value)`
- `void add_column_headers (const char *value, size_t size)`
- `::std::string * add_row_headers ()`
- `void add_row_headers (const ::std::string &value)`
- `void add_row_headers (const char *value)`
- `void add_row_headers (const char *value, size_t size)`
- `::briar::BriarVector * add_rows ()`
- `BriarMatrix ()`
- `BriarMatrix (const BriarMatrix &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_column_headers ()`
- `void clear_row_headers ()`
- `void clear_rows ()`
- `const ::google::protobuf::RepeatedPtrField< ::std::string > & column_headers () const`
- `const ::std::string & column_headers (int index) const`
- `int column_headers_size () const`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarMatrix &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BriarMatrix &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::std::string > * mutable_column_headers ()`
- `::std::string * mutable_column_headers (int index)`
- `::google::protobuf::RepeatedPtrField< ::std::string > * mutable_row_headers ()`
- `::std::string * mutable_row_headers (int index)`
- `::google::protobuf::RepeatedPtrField< ::briar::BriarVector > * mutable_rows ()`
- `::briar::BriarVector * mutable_rows (int index)`
- `BriarMatrix * New () const final`
- `BriarMatrix * New (::google::protobuf::Arena *arena) const final`
- `BriarMatrix & operator= (const BriarMatrix &from)`
- `const ::google::protobuf::RepeatedPtrField< ::std::string > & row_headers () const`
- `const ::std::string & row_headers (int index) const`
- `int row_headers_size () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::BriarVector > & rows () const`
- `const ::briar::BriarVector & rows (int index) const`
- `int rows_size () const`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_column_headers (int index, const ::std::string &value)`
- `void set_column_headers (int index, const char *value)`
- `void set_column_headers (int index, const char *value, size_t size)`
- `void set_row_headers (int index, const ::std::string &value)`
- `void set_row_headers (int index, const char *value)`
- `void set_row_headers (int index, const char *value, size_t size)`
- `void Swap (BriarMatrix *other)`
- `virtual ~BriarMatrix ()`

Static Public Member Functions

- static const `BriarMatrix & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `BriarMatrix * internal_default_instance ()`

Static Public Attributes

- static const int `kColumnHeadersFieldNumber = 1`
- static constexpr int `kIndexInFileMessages`
- static const int `kRowHeadersFieldNumber = 2`
- static const int `kRowsFieldNumber = 3`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (BriarMatrix &a, BriarMatrix &b)`

7.29.1 Constructor & Destructor Documentation

7.29.1.1 `BriarMatrix()` [1/2]

```
briar::BriarMatrix::BriarMatrix ( )
```

7.29.1.2 `~BriarMatrix()`

```
briar::BriarMatrix::~BriarMatrix ( ) [virtual]
```

7.29.1.3 `BriarMatrix()` [2/2]

```
briar::BriarMatrix::BriarMatrix ( 
    const BriarMatrix & from )
```

7.29.2 Member Function Documentation

7.29.2.1 add_column_headers() [1/4]

```
std::string * briar::BriarMatrix::add_column_headers ( ) [inline]
```

7.29.2.2 add_column_headers() [2/4]

```
void briar::BriarMatrix::add_column_headers (
    const ::std::string & value ) [inline]
```

7.29.2.3 add_column_headers() [3/4]

```
void briar::BriarMatrix::add_column_headers (
    const char * value ) [inline]
```

7.29.2.4 add_column_headers() [4/4]

```
void briar::BriarMatrix::add_column_headers (
    const char * value,
    size_t size ) [inline]
```

7.29.2.5 add_row_headers() [1/4]

```
std::string * briar::BriarMatrix::add_row_headers ( ) [inline]
```

7.29.2.6 add_row_headers() [2/4]

```
void briar::BriarMatrix::add_row_headers (
    const ::std::string & value ) [inline]
```

7.29.2.7 add_row_headers() [3/4]

```
void briar::BriarMatrix::add_row_headers (
    const char * value ) [inline]
```

7.29.2.8 add_row_headers() [4/4]

```
void briar::BriarMatrix::add_row_headers (
    const char * value,
    size_t size ) [inline]
```

7.29.2.9 add_rows()

```
briar::BriarVector * briar::BriarMatrix::add_rows ( ) [inline]
```

7.29.2.10 ByteSizeLong()

```
size_t briar::BriarMatrix::ByteSizeLong ( ) const [final]
```

7.29.2.11 Clear()

```
void briar::BriarMatrix::Clear ( ) [final]
```

7.29.2.12 clear_column_headers()

```
void briar::BriarMatrix::clear_column_headers ( ) [inline]
```

7.29.2.13 clear_row_headers()

```
void briar::BriarMatrix::clear_row_headers ( ) [inline]
```

7.29.2.14 clear_rows()

```
void briar::BriarMatrix::clear_rows ( ) [inline]
```

7.29.2.15 column_headers() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::std::string> & briar::BriarMatrix::column_<->
headers( ) const [inline]
```

7.29.2.16 column_headers() [2/2]

```
const ::std::string & briar::BriarMatrix::column_headers(
    int index) const [inline]
```

7.29.2.17 column_headers_size()

```
int briar::BriarMatrix::column_headers_size( ) const [inline]
```

7.29.2.18 CopyFrom() [1/2]

```
void briar::BriarMatrix::CopyFrom(
    const ::google::protobuf::Message & from) [final]
```

7.29.2.19 CopyFrom() [2/2]

```
void briar::BriarMatrix::CopyFrom(
    const BriarMatrix & from)
```

7.29.2.20 default_instance()

```
const BriarMatrix & briar::BriarMatrix::default_instance( ) [static]
```

7.29.2.21 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarMatrix::descriptor( ) [static]
```

7.29.2.22 GetCachedSize()

```
int briar::BriarMatrix::GetCachedSize ( ) const [inline], [final]
```

7.29.2.23 GetMetadata()

```
google::protobuf::Metadata briar::BriarMatrix::GetMetadata ( ) const [final]
```

7.29.2.24 InitAsDefaultInstance()

```
void briar::BriarMatrix::InitAsDefaultInstance ( ) [static]
```

7.29.2.25 internal_default_instance()

```
static const BriarMatrix* briar::BriarMatrix::internal_default_instance ( ) [inline], [static]
```

7.29.2.26 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarMatrix::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.29.2.27 IsInitialized()

```
bool briar::BriarMatrix::IsInitialized ( ) const [final]
```

7.29.2.28 MergeFrom() [1/2]

```
void briar::BriarMatrix::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.29.2.29 MergeFrom() [2/2]

```
void briar::BriarMatrix::MergeFrom (
    const BriarMatrix & from )
```

7.29.2.30 MergePartialFromCodedStream()

```
bool briar::BriarMatrix::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.29.2.31 mutable_column_headers() [1/2]

```
google::protobuf::RepeatedPtrField<::std::string> * briar::BriarMatrix::mutable_column_headers ( ) [inline]
```

7.29.2.32 mutable_column_headers() [2/2]

```
std::string * briar::BriarMatrix::mutable_column_headers (
    int index ) [inline]
```

7.29.2.33 mutable_row_headers() [1/2]

```
google::protobuf::RepeatedPtrField<::std::string> * briar::BriarMatrix::mutable_row_headers ( ) [inline]
```

7.29.2.34 mutable_row_headers() [2/2]

```
std::string * briar::BriarMatrix::mutable_row_headers (
    int index ) [inline]
```

7.29.2.35 mutable_rows() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::BriarVector> * briar::BriarMatrix::mutable_rows ( ) [inline]
```

7.29.2.36 mutable_rows() [2/2]

```
briar::BriarVector * briar::BriarMatrix::mutable_rows (
    int index ) [inline]
```

7.29.2.37 New() [1/2]

```
BriarMatrix* briar::BriarMatrix::New ( ) const [inline], [final]
```

7.29.2.38 New() [2/2]

```
BriarMatrix* briar::BriarMatrix::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.29.2.39 operator=()

```
BriarMatrix& briar::BriarMatrix::operator= (
    const BriarMatrix & from ) [inline]
```

7.29.2.40 row_headers() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::std::string > & briar::BriarMatrix::row_headers (
) const [inline]
```

7.29.2.41 row_headers() [2/2]

```
const ::std::string & briar::BriarMatrix::row_headers (
    int index ) const [inline]
```

7.29.2.42 row_headers_size()

```
int briar::BriarMatrix::row_headers_size ( ) const [inline]
```

7.29.2.43 rows() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::BriarVector> & briar::BriarMatrix::rows()
) const [inline]
```

7.29.2.44 rows() [2/2]

```
const ::briar::BriarVector & briar::BriarMatrix::rows(
    int index ) const [inline]
```

7.29.2.45 rows_size()

```
int briar::BriarMatrix::rows_size() const [inline]
```

7.29.2.46 SerializeWithCachedSizes()

```
void briar::BriarMatrix::SerializeWithCachedSizes(
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.29.2.47 set_column_headers() [1/3]

```
void briar::BriarMatrix::set_column_headers(
    int index,
    const ::std::string & value ) [inline]
```

7.29.2.48 set_column_headers() [2/3]

```
void briar::BriarMatrix::set_column_headers(
    int index,
    const char * value ) [inline]
```

7.29.2.49 set_column_headers() [3/3]

```
void briar::BriarMatrix::set_column_headers(
    int index,
    const char * value,
    size_t size ) [inline]
```

7.29.2.50 `set_row_headers()` [1/3]

```
void briar::BriarMatrix::set_row_headers (
    int index,
    const ::std::string & value ) [inline]
```

7.29.2.51 `set_row_headers()` [2/3]

```
void briar::BriarMatrix::set_row_headers (
    int index,
    const char * value ) [inline]
```

7.29.2.52 `set_row_headers()` [3/3]

```
void briar::BriarMatrix::set_row_headers (
    int index,
    const char * value,
    size_t size ) [inline]
```

7.29.2.53 `Swap()`

```
void briar::BriarMatrix::Swap (
    BriarMatrix * other )
```

7.29.3 Friends And Related Function Documentation

7.29.3.1 `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.29.3.2 `swap`

```
void swap (
    BriarMatrix & a,
    BriarMatrix & b ) [friend]
```

7.29.4 Member Data Documentation

7.29.4.1 kColumnHeadersFieldNumber

```
const int briar::BriarMatrix::kColumnHeadersFieldNumber = 1 [static]
```

7.29.4.2 kIndexInFileMessages

```
constexpr int briar::BriarMatrix::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 15
```

7.29.4.3 kRowHeadersFieldNumber

```
const int briar::BriarMatrix::kRowHeadersFieldNumber = 2 [static]
```

7.29.4.4 kRowsFieldNumber

```
const int briar::BriarMatrix::kRowsFieldNumber = 3 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.30 briar::BriarMatrixDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarMatrix](#) > [_instance](#)

7.30.1 Member Data Documentation

7.30.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<BriarMatrix> briar::BriarMatrixDefault<->  
TypeInternal:::_instance
```

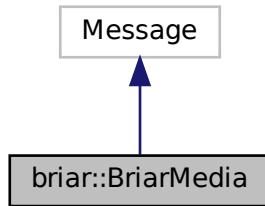
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

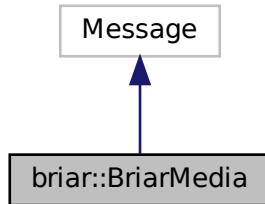
7.31 briar::BriarMedia Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarMedia:



Collaboration diagram for briar::BriarMedia:



Public Types

- `typedef BriarMedia_DataType DataType`

Public Member Functions

- `::briar::MediaMetadata * add_metadata ()`
- `BriarMedia ()`
- `BriarMedia (const BriarMedia &from)`
- `size_t ByteSizeLong () const final`
- `::google::protobuf::int32 channels () const`
- `void Clear () final`
- `void clear_channels ()`
- `void clear_data ()`
- `void clear_datetime ()`
- `void clear_description ()`
- `void clear_frame_count ()`
- `void clear_frame_number ()`
- `void clear_frame_rate ()`
- `void clear_height ()`
- `void clear_metadata ()`
- `void clear_segment_id ()`
- `void clear_segment_total ()`
- `void clear_serverside_source ()`
- `void clear_source ()`
- `void clear_source_type ()`
- `void clear_type ()`
- `void clear_width ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarMedia &from)`
- `const ::std::string & data () const`
- `const ::std::string & datetime () const`
- `const ::std::string & description () const`
- `::google::protobuf::int32 frame_count () const`
- `::google::protobuf::int32 frame_number () const`
- `float frame_rate () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::int32 height () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BriarMedia &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `const ::google::protobuf::RepeatedPtrField< ::briar::MediaMetadata > & metadata () const`
- `const ::briar::MediaMetadata & metadata (int index) const`
- `int metadata_size () const`
- `::std::string * mutable_data ()`
- `::std::string * mutable_datetime ()`
- `::std::string * mutable_description ()`
- `::google::protobuf::RepeatedPtrField< ::briar::MediaMetadata > * mutable_metadata ()`
- `::briar::MediaMetadata * mutable_metadata (int index)`
- `::std::string * mutable_serverside_source ()`
- `::std::string * mutable_source ()`
- `BriarMedia * New () const final`
- `BriarMedia * New (::google::protobuf::Arena *arena) const final`
- `BriarMedia & operator= (const BriarMedia &from)`
- `::std::string * release_data ()`

- `::std::string * release_datetime ()`
- `::std::string * release_description ()`
- `::std::string * release_serverside_source ()`
- `::std::string * release_source ()`
- `::google::protobuf::int32 segment_id () const`
- `::google::protobuf::int32 segment_total () const`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `const ::std::string & serverside_source () const`
- `void set_allocated_data (::std::string *data)`
- `void set_allocated_datetime (::std::string *datetime)`
- `void set_allocated_description (::std::string *description)`
- `void set_allocated_serverside_source (::std::string *serverside_source)`
- `void set_allocated_source (::std::string *source)`
- `void set_channels (::google::protobuf::int32 value)`
- `void set_data (const ::std::string &value)`
- `void set_data (const char *value)`
- `void set_data (const void *value, size_t size)`
- `void set_datetime (const ::std::string &value)`
- `void set_datetime (const char *value)`
- `void set_datetime (const char *value, size_t size)`
- `void set_description (const ::std::string &value)`
- `void set_description (const char *value)`
- `void set_description (const char *value, size_t size)`
- `void set_frame_count (::google::protobuf::int32 value)`
- `void set_frame_number (::google::protobuf::int32 value)`
- `void set_frame_rate (float value)`
- `void set_height (::google::protobuf::int32 value)`
- `void set_segment_id (::google::protobuf::int32 value)`
- `void set_segment_total (::google::protobuf::int32 value)`
- `void set_serverside_source (const ::std::string &value)`
- `void set_serverside_source (const char *value)`
- `void set_serverside_source (const char *value, size_t size)`
- `void set_source (const ::std::string &value)`
- `void set_source (const char *value)`
- `void set_source (const char *value, size_t size)`
- `void set_source_type (::briar::BriarMedia_DataType value)`
- `void set_type (::briar::BriarMedia_DataType value)`
- `void set_width (::google::protobuf::int32 value)`
- `const ::std::string & source () const`
- `::briar::BriarMedia_DataType source_type () const`
- `void Swap (BriarMedia *other)`
- `::briar::BriarMedia_DataType type () const`
- `::google::protobuf::int32 width () const`
- `virtual ~BriarMedia ()`

Static Public Member Functions

- `static const ::google::protobuf::EnumDescriptor * DataType_descriptor ()`
- `static bool DataType_IsValid (int value)`
- `static const ::std::string & DataType_Name (DataType value)`
- `static bool DataType_Parse (const ::std::string &name, DataType *value)`
- `static const BriarMedia & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const BriarMedia * internal_default_instance ()`

Static Public Attributes

- static const int `DataType_ARRAYSIZE`
- static const `DataType DataType_MAX`
- static const `DataType DataType_MIN`
- static const `DataType EPS`
- static const `DataType FLOAT32`
- static const `DataType GIF`
- static const `DataType H264`
- static const `DataType H265`
- static const `DataType JPG`
- static const int `kChannelsFieldNumber` = 3
- static const int `kDataFieldNumber` = 11
- static const int `kDatetimeFieldNumber` = 15
- static const int `kDescriptionFieldNumber` = 14
- static const int `kFrameCountFieldNumber` = 4
- static const int `kFrameNumberFieldNumber` = 8
- static const int `kFrameRateFieldNumber` = 5
- static const int `kHeightFieldNumber` = 2
- static constexpr int `kIndexInFileMessages`
- static const int `kMetadataFieldNumber` = 16
- static const int `kSegmentIdFieldNumber` = 6
- static const int `kSegmentTotalFieldNumber` = 7
- static const int `kServersideSourceFieldNumber` = 13
- static const int `kSourceFieldNumber` = 12
- static const int `kSourceTypeFieldNumber` = 10
- static const int `kTypeFieldNumber` = 9
- static const int `kWidthFieldNumber` = 1
- static const `DataType MJPG`
- static const `DataType PNG`
- static const `DataType RAW`
- static const `DataType SOURCE_ONLY`
- static const `DataType TIF`
- static const `DataType UINT16`
- static const `DataType UINT8`
- static const `DataType URL`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap` (`BriarMedia &a, BriarMedia &b`)

7.31.1 Member Typedef Documentation

7.31.1.1 `DataType`

```
typedef BriarMedia_DataType briar::BriarMedia::DataType
```

7.31.2 Constructor & Destructor Documentation

7.31.2.1 BriarMedia() [1/2]

```
briar::BriarMedia::BriarMedia ( )
```

7.31.2.2 ~BriarMedia()

```
briar::BriarMedia::~BriarMedia ( ) [virtual]
```

7.31.2.3 BriarMedia() [2/2]

```
briar::BriarMedia::BriarMedia ( const BriarMedia & from )
```

7.31.3 Member Function Documentation

7.31.3.1 add_metadata()

```
briar::MediaMetadata * briar::BriarMedia::add_metadata ( ) [inline]
```

7.31.3.2 ByteSizeLong()

```
size_t briar::BriarMedia::ByteSizeLong ( ) const [final]
```

7.31.3.3 channels()

```
google::protobuf::int32 briar::BriarMedia::channels ( ) const [inline]
```

7.31.3.4 Clear()

```
void briar::BriarMedia::Clear () [final]
```

7.31.3.5 clear_channels()

```
void briar::BriarMedia::clear_channels () [inline]
```

7.31.3.6 clear_data()

```
void briar::BriarMedia::clear_data () [inline]
```

7.31.3.7 clear_datetime()

```
void briar::BriarMedia::clear_datetime () [inline]
```

7.31.3.8 clear_description()

```
void briar::BriarMedia::clear_description () [inline]
```

7.31.3.9 clear_frame_count()

```
void briar::BriarMedia::clear_frame_count () [inline]
```

7.31.3.10 clear_frame_number()

```
void briar::BriarMedia::clear_frame_number () [inline]
```

7.31.3.11 clear_frame_rate()

```
void briar::BriarMedia::clear_frame_rate () [inline]
```

7.31.3.12 clear_height()

```
void briar::BriarMedia::clear_height ( ) [inline]
```

7.31.3.13 clear_metadata()

```
void briar::BriarMedia::clear_metadata ( ) [inline]
```

7.31.3.14 clear_segment_id()

```
void briar::BriarMedia::clear_segment_id ( ) [inline]
```

7.31.3.15 clear_segment_total()

```
void briar::BriarMedia::clear_segment_total ( ) [inline]
```

7.31.3.16 clear_serverside_source()

```
void briar::BriarMedia::clear_serverside_source ( ) [inline]
```

7.31.3.17 clear_source()

```
void briar::BriarMedia::clear_source ( ) [inline]
```

7.31.3.18 clear_source_type()

```
void briar::BriarMedia::clear_source_type ( ) [inline]
```

7.31.3.19 clear_type()

```
void briar::BriarMedia::clear_type ( ) [inline]
```

7.31.3.20 clear_width()

```
void briar::BriarMedia::clear_width ( ) [inline]
```

7.31.3.21 CopyFrom() [1/2]

```
void briar::BriarMedia::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.31.3.22 CopyFrom() [2/2]

```
void briar::BriarMedia::CopyFrom (
    const BriarMedia & from)
```

7.31.3.23 data()

```
const ::std::string & briar::BriarMedia::data ( ) const [inline]
```

7.31.3.24 DataType_descriptor()

```
static const ::google::protobuf::EnumDescriptor* briar::BriarMedia::DataType_descriptor ( )
[inline], [static]
```

7.31.3.25 DataType_IsValid()

```
static bool briar::BriarMedia::DataType_IsValid (
    int value) [inline], [static]
```

7.31.3.26 DataType_Name()

```
static const ::std::string& briar::BriarMedia::DataType_Name (
    DataType value) [inline], [static]
```

7.31.3.27 `DataType_Parse()`

```
static bool briar::BriarMedia::DataType_Parse (
    const ::std::string & name,
    DataType * value ) [inline], [static]
```

7.31.3.28 `datetime()`

```
const ::std::string & briar::BriarMedia::datetime () const [inline]
```

7.31.3.29 `default_instance()`

```
const BriarMedia & briar::BriarMedia::default_instance () [static]
```

7.31.3.30 `description()`

```
const ::std::string & briar::BriarMedia::description () const [inline]
```

7.31.3.31 `descriptor()`

```
const ::google::protobuf::Descriptor * briar::BriarMedia::descriptor () [static]
```

7.31.3.32 `frame_count()`

```
google::protobuf::int32 briar::BriarMedia::frame_count () const [inline]
```

7.31.3.33 `frame_number()`

```
google::protobuf::int32 briar::BriarMedia::frame_number () const [inline]
```

7.31.3.34 frame_rate()

```
float briar::BriarMedia::frame_rate ( ) const [inline]
```

7.31.3.35 GetCachedSize()

```
int briar::BriarMedia::GetCachedSize ( ) const [inline], [final]
```

7.31.3.36 GetMetadata()

```
google::protobuf::Metadata briar::BriarMedia::GetMetadata ( ) const [final]
```

7.31.3.37 height()

```
google::protobuf::int32 briar::BriarMedia::height ( ) const [inline]
```

7.31.3.38 InitAsDefaultInstance()

```
void briar::BriarMedia::InitAsDefaultInstance ( ) [static]
```

7.31.3.39 internal_default_instance()

```
static const BriarMedia* briar::BriarMedia::internal_default_instance ( ) [inline], [static]
```

7.31.3.40 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarMedia::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.31.3.41 IsInitialized()

```
bool briar::BriarMedia::IsInitialized ( ) const [final]
```

7.31.3.42 MergeFrom() [1/2]

```
void briar::BriarMedia::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.31.3.43 MergeFrom() [2/2]

```
void briar::BriarMedia::MergeFrom (
    const BriarMedia & from )
```

7.31.3.44 MergePartialFromCodedStream()

```
bool briar::BriarMedia::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.31.3.45 metadata() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::MediaMetadata> & briar::BriarMedia::metadata ( ) const [inline]
```

7.31.3.46 metadata() [2/2]

```
const ::briar::MediaMetadata & briar::BriarMedia::metadata (
    int index ) const [inline]
```

7.31.3.47 metadata_size()

```
int briar::BriarMedia::metadata_size ( ) const [inline]
```

7.31.3.48 mutable_data()

```
std::string * briar::BriarMedia::mutable_data ( ) [inline]
```

7.31.3.49 mutable_datetime()

```
std::string * briar::BriarMedia::mutable_datetime ( ) [inline]
```

7.31.3.50 mutable_description()

```
std::string * briar::BriarMedia::mutable_description ( ) [inline]
```

7.31.3.51 mutable_metadata() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::MediaMetadata> * briar::BriarMedia::mutable_<--  
metadata ( ) [inline]
```

7.31.3.52 mutable_metadata() [2/2]

```
briar::MediaMetadata * briar::BriarMedia::mutable_metadata (   
    int index ) [inline]
```

7.31.3.53 mutable_serverside_source()

```
std::string * briar::BriarMedia::mutable_serverside_source ( ) [inline]
```

7.31.3.54 mutable_source()

```
std::string * briar::BriarMedia::mutable_source ( ) [inline]
```

7.31.3.55 New() [1/2]

```
BriarMedia* briar::BriarMedia::New ( ) const [inline], [final]
```

7.31.3.56 New() [2/2]

```
BriarMedia* briar::BriarMedia::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.31.3.57 operator=()

```
BriarMedia& briar::BriarMedia::operator= ( const BriarMedia & from ) [inline]
```

7.31.3.58 release_data()

```
std::string * briar::BriarMedia::release_data ( ) [inline]
```

7.31.3.59 release_datetime()

```
std::string * briar::BriarMedia::release_datetime ( ) [inline]
```

7.31.3.60 release_description()

```
std::string * briar::BriarMedia::release_description ( ) [inline]
```

7.31.3.61 release_serverside_source()

```
std::string * briar::BriarMedia::release_serverside_source ( ) [inline]
```

7.31.3.62 release_source()

```
std::string * briar::BriarMedia::release_source ( ) [inline]
```

7.31.3.63 segment_id()

```
google::protobuf::int32 briar::BriarMedia::segment_id ( ) const [inline]
```

7.31.3.64 segment_total()

```
google::protobuf::int32 briar::BriarMedia::segment_total ( ) const [inline]
```

7.31.3.65 SerializeWithCachedSizes()

```
void briar::BriarMedia::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.31.3.66 serverside_source()

```
const ::std::string & briar::BriarMedia::serverside_source ( ) const [inline]
```

7.31.3.67 set_allocated_data()

```
void briar::BriarMedia::set_allocated_data (
    ::std::string * data ) [inline]
```

7.31.3.68 set_allocated_datetime()

```
void briar::BriarMedia::set_allocated_datetime (
    ::std::string * datetime ) [inline]
```

7.31.3.69 set_allocated_description()

```
void briar::BriarMedia::set_allocated_description (
    ::std::string * description ) [inline]
```

7.31.3.70 set_allocated_serverside_source()

```
void briar::BriarMedia::set_allocated_serverside_source (
    ::std::string * serverside_source ) [inline]
```

7.31.3.71 set_allocated_source()

```
void briar::BriarMedia::set_allocated_source (
    ::std::string * source ) [inline]
```

7.31.3.72 set_channels()

```
void briar::BriarMedia::set_channels (
    ::google::protobuf::int32 value ) [inline]
```

7.31.3.73 set_data() [1/3]

```
void briar::BriarMedia::set_data (
    const ::std::string & value ) [inline]
```

7.31.3.74 set_data() [2/3]

```
void briar::BriarMedia::set_data (
    const char * value ) [inline]
```

7.31.3.75 set_data() [3/3]

```
void briar::BriarMedia::set_data (
    const void * value,
    size_t size ) [inline]
```

7.31.3.76 set_datetime() [1/3]

```
void briar::BriarMedia::set_datetime (
    const ::std::string & value ) [inline]
```

7.31.3.77 set_datetime() [2/3]

```
void briar::BriarMedia::set_datetime (
    const char * value ) [inline]
```

7.31.3.78 set_datetime() [3/3]

```
void briar::BriarMedia::set_datetime (
    const char * value,
    size_t size ) [inline]
```

7.31.3.79 set_description() [1/3]

```
void briar::BriarMedia::set_description (
    const ::std::string & value ) [inline]
```

7.31.3.80 set_description() [2/3]

```
void briar::BriarMedia::set_description (
    const char * value ) [inline]
```

7.31.3.81 set_description() [3/3]

```
void briar::BriarMedia::set_description (
    const char * value,
    size_t size ) [inline]
```

7.31.3.82 set_frame_count()

```
void briar::BriarMedia::set_frame_count (
    ::google::protobuf::int32 value ) [inline]
```

7.31.3.83 set_frame_number()

```
void briar::BriarMedia::set_frame_number (
    ::google::protobuf::int32 value ) [inline]
```

7.31.3.84 set_frame_rate()

```
void briar::BriarMedia::set_frame_rate (
    float value ) [inline]
```

7.31.3.85 set_height()

```
void briar::BriarMedia::set_height (
    ::google::protobuf::int32 value ) [inline]
```

7.31.3.86 set_segment_id()

```
void briar::BriarMedia::set_segment_id (
    ::google::protobuf::int32 value ) [inline]
```

7.31.3.87 set_segment_total()

```
void briar::BriarMedia::set_segment_total (
    ::google::protobuf::int32 value ) [inline]
```

7.31.3.88 set_serverside_source() [1/3]

```
void briar::BriarMedia::set_serverside_source (
    const ::std::string & value ) [inline]
```

7.31.3.89 set_serverside_source() [2/3]

```
void briar::BriarMedia::set_serverside_source (
    const char * value ) [inline]
```

7.31.3.90 set_serverside_source() [3/3]

```
void briar::BriarMedia::set_serverside_source (
    const char * value,
    size_t size ) [inline]
```

7.31.3.91 set_source() [1/3]

```
void briar::BriarMedia::set_source (
    const ::std::string & value ) [inline]
```

7.31.3.92 set_source() [2/3]

```
void briar::BriarMedia::set_source (
    const char * value ) [inline]
```

7.31.3.93 set_source() [3/3]

```
void briar::BriarMedia::set_source (
    const char * value,
    size_t size ) [inline]
```

7.31.3.94 set_source_type()

```
void briar::BriarMedia::set_source_type (
    ::briar::BriarMedia_DataType value ) [inline]
```

7.31.3.95 set_type()

```
void briar::BriarMedia::set_type (
    ::briar::BriarMedia_DataType value ) [inline]
```

7.31.3.96 set_width()

```
void briar::BriarMedia::set_width (
    ::google::protobuf::int32 value ) [inline]
```

7.31.3.97 source()

```
const ::std::string & briar::BriarMedia::source ( ) const [inline]
```

7.31.3.98 source_type()

```
briar::BriarMedia_DataType briar::BriarMedia::source_type ( ) const [inline]
```

7.31.3.99 Swap()

```
void briar::BriarMedia::Swap (
    BriarMedia * other )
```

7.31.3.100 type()

```
briar::BriarMedia_DataType briar::BriarMedia::type ( ) const [inline]
```

7.31.3.101 width()

```
google::protobuf::int32 briar::BriarMedia::width ( ) const [inline]
```

7.31.4 Friends And Related Function Documentation

7.31.4.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.31.4.2 swap

```
void swap (
    BriarMedia & a,
    BriarMedia & b ) [friend]
```

7.31.5 Member Data Documentation

7.31.5.1 DataType_ARRAYSIZE

```
const int briar::BriarMedia::DataType_ARRAYSIZE [static]
```

Initial value:

```
= BriarMedia_DataType_DataType_ARRAYSIZE
```

7.31.5.2 DataType_MAX

```
const BriarMedia_DataType briar::BriarMedia::DataType_MAX [static]
```

Initial value:

```
= BriarMedia_DataType_DataType_MAX
```

7.31.5.3 DataType_MIN

```
const BriarMedia_DataType briar::BriarMedia::DataType_MIN [static]
```

Initial value:

```
= BriarMedia_DataType_DataType_MIN
```

7.31.5.4 EPS

```
const BriarMedia_DataType briar::BriarMedia::EPS [static]
```

Initial value:

```
= BriarMedia_DataType_EPS
```

7.31.5.5 FLOAT32

```
const BriarMedia_DataType briar::BriarMedia::FLOAT32 [static]
```

Initial value:

```
= BriarMedia_DataType_FLOAT32
```

7.31.5.6 GIF

```
const BriarMedia_DataType briar::BriarMedia::GIF [static]
```

Initial value:

```
=  
    BriarMedia_DataType_GIF
```

7.31.5.7 H264

```
const BriarMedia_DataType briar::BriarMedia::H264 [static]
```

Initial value:

```
=  
    BriarMedia_DataType_H264
```

7.31.5.8 H265

```
const BriarMedia_DataType briar::BriarMedia::H265 [static]
```

Initial value:

```
=  
    BriarMedia_DataType_H265
```

7.31.5.9 JPG

```
const BriarMedia_DataType briar::BriarMedia::JPG [static]
```

Initial value:

```
=  
    BriarMedia_DataType_JPG
```

7.31.5.10 kChannelsFieldNumber

```
const int briar::BriarMedia::kChannelsFieldNumber = 3 [static]
```

7.31.5.11 kDataFieldNumber

```
const int briar::BriarMedia::kDataFieldNumber = 11 [static]
```

7.31.5.12 kDatetimeFieldNumber

```
const int briar::BriarMedia::kDatetimeFieldNumber = 15 [static]
```

7.31.5.13 kDescriptionFieldNumber

```
const int briar::BriarMedia::kDescriptionFieldNumber = 14 [static]
```

7.31.5.14 kFrameCountFieldNumber

```
const int briar::BriarMedia::kFrameCountFieldNumber = 4 [static]
```

7.31.5.15 kFrameNumberFieldNumber

```
const int briar::BriarMedia::kFrameNumberFieldNumber = 8 [static]
```

7.31.5.16 kFrameRateFieldNumber

```
const int briar::BriarMedia::kFrameRateFieldNumber = 5 [static]
```

7.31.5.17 kHeightFieldNumber

```
const int briar::BriarMedia::kHeightFieldNumber = 2 [static]
```

7.31.5.18 kIndexInFileMessages

```
constexpr int briar::BriarMedia::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 6
```

7.31.5.19 **kMetadataFieldNumber**

```
const int briar::BriarMedia::kMetadataFieldNumber = 16 [static]
```

7.31.5.20 **kSegmentIdFieldNumber**

```
const int briar::BriarMedia::kSegmentIdFieldNumber = 6 [static]
```

7.31.5.21 **kSegmentTotalFieldNumber**

```
const int briar::BriarMedia::kSegmentTotalFieldNumber = 7 [static]
```

7.31.5.22 **kServersideSourceFieldNumber**

```
const int briar::BriarMedia::kServersideSourceFieldNumber = 13 [static]
```

7.31.5.23 **kSourceFieldNumber**

```
const int briar::BriarMedia::kSourceFieldNumber = 12 [static]
```

7.31.5.24 **kSourceTypeFieldNumber**

```
const int briar::BriarMedia::kSourceTypeFieldNumber = 10 [static]
```

7.31.5.25 **kTypeFieldNumber**

```
const int briar::BriarMedia::kTypeFieldNumber = 9 [static]
```

7.31.5.26 **kWidthFieldNumber**

```
const int briar::BriarMedia::kWidthFieldNumber = 1 [static]
```

7.31.5.27 MJPG

```
const BriarMedia_DataType briar::BriarMedia::MJPEG [static]
```

Initial value:

```
=  
    BriarMedia_DataType_MJPEG
```

7.31.5.28 PNG

```
const BriarMedia_DataType briar::BriarMedia::PNG [static]
```

Initial value:

```
=  
    BriarMedia_DataType_PNG
```

7.31.5.29 RAW

```
const BriarMedia_DataType briar::BriarMedia::RAW [static]
```

Initial value:

```
=  
    BriarMedia_DataType_RAW
```

7.31.5.30 SOURCE_ONLY

```
const BriarMedia_DataType briar::BriarMedia::SOURCE_ONLY [static]
```

Initial value:

```
=  
    BriarMedia_DataType_SOURCE_ONLY
```

7.31.5.31 TIF

```
const BriarMedia_DataType briar::BriarMedia::TIF [static]
```

Initial value:

```
=  
    BriarMedia_DataType_TIF
```

7.31.5.32 **UINT16**

```
const BriarMedia_DataType briar::BriarMedia::UINT16 [static]
```

Initial value:

```
= BriarMedia_DataType_UINT16
```

7.31.5.33 **UINT8**

```
const BriarMedia_DataType briar::BriarMedia::UINT8 [static]
```

Initial value:

```
= BriarMedia_DataType_UINT8
```

7.31.5.34 **URL**

```
const BriarMedia_DataType briar::BriarMedia::URL [static]
```

Initial value:

```
= BriarMedia_DataType_URL
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.32 briar::BriarMediaDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarMedia](#) > [_instance](#)

7.32.1 Member Data Documentation

7.32.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<BriarMedia> briar::BriarMediaDefaultType<→
Internal::_instance
```

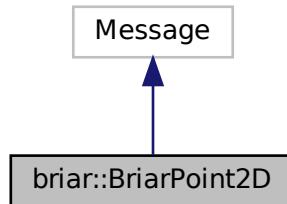
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

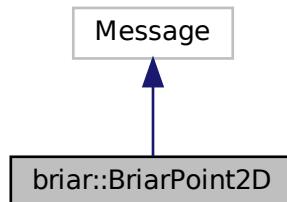
7.33 briar::BriarPoint2D Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarPoint2D:



Collaboration diagram for briar::BriarPoint2D:



Public Member Functions

- [BriarPoint2D \(\)](#)
- [BriarPoint2D \(const BriarPoint2D &from\)](#)
- [size_t ByteSizeLong \(\) const final](#)
- [void Clear \(\) final](#)
- [void clear_x \(\)](#)
- [void clear_y \(\)](#)
- [void CopyFrom \(const ::google::protobuf::Message &from\) final](#)
- [void CopyFrom \(const BriarPoint2D &from\)](#)
- [int GetCachedSize \(\) const final](#)
- [::google::protobuf::Metadata GetMetadata \(\) const final](#)
- [::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray \(bool deterministic, ::google::protobuf::uint8 *target\) const final](#)
- [bool IsInitialized \(\) const final](#)
- [void MergeFrom \(const ::google::protobuf::Message &from\) final](#)

- void `MergeFrom` (const `BriarPoint2D` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- `BriarPoint2D` * `New` () const final
- `BriarPoint2D` * `New` (::google::protobuf::Arena *arena) const final
- `BriarPoint2D` & `operator=` (const `BriarPoint2D` &from)
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_x` (float value)
- void `set_y` (float value)
- void `Swap` (`BriarPoint2D` *other)
- float `x` () const
- float `y` () const
- virtual `~BriarPoint2D` ()

Static Public Member Functions

- static const `BriarPoint2D` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `BriarPoint2D` * `internal_default_instance` ()

Static Public Attributes

- static constexpr int `kIndexInFileMessages`
- static const int `kXFieldNumber` = 1
- static const int `kYFieldNumber` = 2

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void `swap` (`BriarPoint2D` &a, `BriarPoint2D` &b)

7.33.1 Constructor & Destructor Documentation

7.33.1.1 `BriarPoint2D()` [1/2]

```
briar::BriarPoint2D::BriarPoint2D ( )
```

7.33.1.2 `~BriarPoint2D()`

```
briar::BriarPoint2D::~BriarPoint2D ( ) [virtual]
```

7.33.1.3 BriarPoint2D() [2/2]

```
briar::BriarPoint2D::BriarPoint2D (
    const BriarPoint2D & from )
```

7.33.2 Member Function Documentation

7.33.2.1 ByteSizeLong()

```
size_t briar::BriarPoint2D::ByteSizeLong ( ) const [final]
```

7.33.2.2 Clear()

```
void briar::BriarPoint2D::Clear ( ) [final]
```

7.33.2.3 clear_x()

```
void briar::BriarPoint2D::clear_x ( ) [inline]
```

7.33.2.4 clear_y()

```
void briar::BriarPoint2D::clear_y ( ) [inline]
```

7.33.2.5 CopyFrom() [1/2]

```
void briar::BriarPoint2D::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.33.2.6 CopyFrom() [2/2]

```
void briar::BriarPoint2D::CopyFrom (
    const BriarPoint2D & from )
```

7.33.2.7 `default_instance()`

```
const BriarPoint2D & briar::BriarPoint2D::default_instance ( ) [static]
```

7.33.2.8 `descriptor()`

```
const ::google::protobuf::Descriptor * briar::BriarPoint2D::descriptor ( ) [static]
```

7.33.2.9 `GetCachedSize()`

```
int briar::BriarPoint2D::GetCachedSize ( ) const [inline], [final]
```

7.33.2.10 `GetMetadata()`

```
google::protobuf::Metadata briar::BriarPoint2D::GetMetadata ( ) const [final]
```

7.33.2.11 `InitAsDefaultInstance()`

```
void briar::BriarPoint2D::InitAsDefaultInstance ( ) [static]
```

7.33.2.12 `internal_default_instance()`

```
static const BriarPoint2D* briar::BriarPoint2D::internal_default_instance ( ) [inline], [static]
```

7.33.2.13 `InternalSerializeWithCachedSizesToArray()`

```
google::protobuf::uint8 * briar::BriarPoint2D::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.33.2.14 IsInitialized()

```
bool briar::BriarPoint2D::IsInitialized ( ) const [final]
```

7.33.2.15 MergeFrom() [1/2]

```
void briar::BriarPoint2D::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.33.2.16 MergeFrom() [2/2]

```
void briar::BriarPoint2D::MergeFrom (
    const BriarPoint2D & from )
```

7.33.2.17 MergePartialFromCodedStream()

```
bool briar::BriarPoint2D::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.33.2.18 New() [1/2]

```
BriarPoint2D* briar::BriarPoint2D::New ( ) const [inline], [final]
```

7.33.2.19 New() [2/2]

```
BriarPoint2D* briar::BriarPoint2D::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.33.2.20 operator=()

```
BriarPoint2D& briar::BriarPoint2D::operator= (
    const BriarPoint2D & from ) [inline]
```

7.33.2.21 SerializeWithCachedSizes()

```
void briar::BriarPoint2D::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.33.2.22 set_x()

```
void briar::BriarPoint2D::set_x (
    float value ) [inline]
```

7.33.2.23 set_y()

```
void briar::BriarPoint2D::set_y (
    float value ) [inline]
```

7.33.2.24 Swap()

```
void briar::BriarPoint2D::Swap (
    BriarPoint2D * other )
```

7.33.2.25 x()

```
float briar::BriarPoint2D::x ( ) const [inline]
```

7.33.2.26 y()

```
float briar::BriarPoint2D::y ( ) const [inline]
```

7.33.3 Friends And Related Function Documentation**7.33.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.33.3.2 swap

```
void swap (
    BriarPoint2D & a,
    BriarPoint2D & b ) [friend]
```

7.33.4 Member Data Documentation

7.33.4.1 kIndexInFileMessages

```
constexpr int briar::BriarPoint2D::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 11
```

7.33.4.2 kXFieldNumber

```
const int briar::BriarPoint2D::kXFieldNumber = 1 [static]
```

7.33.4.3 kYFieldNumber

```
const int briar::BriarPoint2D::kYFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.34 briar::BriarPoint2DDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarPoint2D](#) > [_instance](#)

7.34.1 Member Data Documentation

7.34.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<BriarPoint2D> briar::BriarPoint2DDefault<→  
TypeInternal:::_instance
```

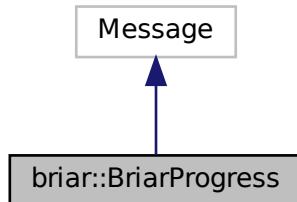
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

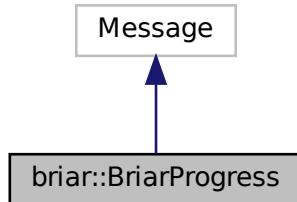
7.35 briar::BriarProgress Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarProgress:



Collaboration diagram for briar::BriarProgress:



Public Member Functions

- `BriarProgress ()`
- `BriarProgress (const BriarProgress &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_currentstep ()`
- `void clear_totalsteps ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarProgress &from)`
- `::google::protobuf::int64 currentstep () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BriarProgress &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `BriarProgress * New () const final`
- `BriarProgress * New (::google::protobuf::Arena *arena) const final`
- `BriarProgress & operator= (const BriarProgress &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_currentstep (::google::protobuf::int64 value)`
- `void set_totalsteps (::google::protobuf::int64 value)`
- `void Swap (BriarProgress *other)`
- `::google::protobuf::int64 totalsteps () const`
- `virtual ~BriarProgress ()`

Static Public Member Functions

- `static const BriarProgress & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const BriarProgress * internal_default_instance ()`

Static Public Attributes

- `static const int kCurrentStepFieldNumber = 1`
- `static constexpr int kIndexInFileMessages`
- `static const int kTotalStepsFieldNumber = 2`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- `void swap (BriarProgress &a, BriarProgress &b)`

7.35.1 Constructor & Destructor Documentation

7.35.1.1 **BriarProgress()** [1/2]

```
briar::BriarProgress::BriarProgress ( )
```

7.35.1.2 **~BriarProgress()**

```
briar::BriarProgress::~BriarProgress ( ) [virtual]
```

7.35.1.3 **BriarProgress()** [2/2]

```
briar::BriarProgress::BriarProgress ( const BriarProgress & from )
```

7.35.2 Member Function Documentation

7.35.2.1 **ByteSizeLong()**

```
size_t briar::BriarProgress::ByteSizeLong ( ) const [final]
```

7.35.2.2 **Clear()**

```
void briar::BriarProgress::Clear ( ) [final]
```

7.35.2.3 **clear_currentstep()**

```
void briar::BriarProgress::clear_currentstep ( ) [inline]
```

7.35.2.4 **clear_totalsteps()**

```
void briar::BriarProgress::clear_totalsteps ( ) [inline]
```

7.35.2.5 CopyFrom() [1/2]

```
void briar::BriarProgress::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.35.2.6 CopyFrom() [2/2]

```
void briar::BriarProgress::CopyFrom (
    const BriarProgress & from)
```

7.35.2.7 currentstep()

```
google::protobuf::int64 briar::BriarProgress::currentstep () const [inline]
```

7.35.2.8 default_instance()

```
const BriarProgress & briar::BriarProgress::default_instance () [static]
```

7.35.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarProgress::descriptor () [static]
```

7.35.2.10 GetCachedSize()

```
int briar::BriarProgress::GetCachedSize () const [inline], [final]
```

7.35.2.11 GetMetadata()

```
google::protobuf::Metadata briar::BriarProgress::GetMetadata () const [final]
```

7.35.2.12 `InitAsDefaultInstance()`

```
void briar::BriarProgress::InitAsDefaultInstance ( ) [static]
```

7.35.2.13 `internal_default_instance()`

```
static const BriarProgress* briar::BriarProgress::internal_default_instance ( ) [inline],  
[static]
```

7.35.2.14 `InternalSerializeWithCachedSizesToArray()`

```
google::protobuf::uint8 * briar::BriarProgress::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.35.2.15 `IsInitialized()`

```
bool briar::BriarProgress::IsInitialized ( ) const [final]
```

7.35.2.16 `MergeFrom()` [1/2]

```
void briar::BriarProgress::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.35.2.17 `MergeFrom()` [2/2]

```
void briar::BriarProgress::MergeFrom (   
    const BriarProgress & from )
```

7.35.2.18 `MergePartialFromCodedStream()`

```
bool briar::BriarProgress::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.35.2.19 New() [1/2]

```
BriarProgress* briar::BriarProgress::New ( ) const [inline], [final]
```

7.35.2.20 New() [2/2]

```
BriarProgress* briar::BriarProgress::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.35.2.21 operator=(*)

```
BriarProgress& briar::BriarProgress::operator= (
    const BriarProgress & from ) [inline]
```

7.35.2.22 SerializeWithCachedSizes()

```
void briar::BriarProgress::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.35.2.23 set_currentstep()

```
void briar::BriarProgress::set_currentstep (
    ::google::protobuf::int64 value ) [inline]
```

7.35.2.24 set_totalsteps()

```
void briar::BriarProgress::set_totalsteps (
    ::google::protobuf::int64 value ) [inline]
```

7.35.2.25 Swap()

```
void briar::BriarProgress::Swap (
    BriarProgress * other )
```

7.35.2.26 totalsteps()

```
google::protobuf::int64 briar::BriarProgress::totalsteps ( ) const [inline]
```

7.35.3 Friends And Related Function Documentation

7.35.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.35.3.2 swap

```
void swap (
    BriarProgress & a,
    BriarProgress & b ) [friend]
```

7.35.4 Member Data Documentation

7.35.4.1 kCurrentStepFieldNumber

```
const int briar::BriarProgress::kCurrentStepFieldNumber = 1 [static]
```

7.35.4.2 kIndexInFileMessages

```
constexpr int briar::BriarProgress::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 12
```

7.35.4.3 kTotalStepsFieldNumber

```
const int briar::BriarProgress::kTotalStepsFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.36 briar::BriarProgressDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarProgress](#) > `_instance`

7.36.1 Member Data Documentation

7.36.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed<BriarProgress> briar::BriarProgress←
DefaultTypeInternal:::_instance`

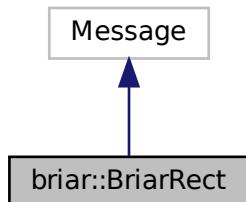
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

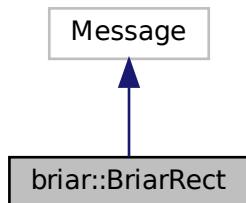
7.37 briar::BriarRect Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarRect:



Collaboration diagram for briar::BriarRect:



Public Member Functions

- `BriarRect ()`
- `BriarRect (const BriarRect &from)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_height ()`
- `void clear_width ()`
- `void clear_x ()`
- `void clear_y ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const BriarRect &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::int32 height () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const BriarRect &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `BriarRect * New () const final`
- `BriarRect * New (::google::protobuf::Arena *arena) const final`
- `BriarRect & operator= (const BriarRect &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_height (::google::protobuf::int32 value)`
- `void set_width (::google::protobuf::int32 value)`
- `void set_x (::google::protobuf::int32 value)`
- `void set_y (::google::protobuf::int32 value)`
- `void Swap (BriarRect *other)`
- `::google::protobuf::int32 width () const`
- `::google::protobuf::int32 x () const`
- `::google::protobuf::int32 y () const`
- `virtual ~BriarRect ()`

Static Public Member Functions

- `static const BriarRect & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const BriarRect * internal_default_instance ()`

Static Public Attributes

- `static const int kHeightFieldNumber = 4`
- `static constexpr int kIndexInFileMessages`
- `static const int kWidtFieldNumber = 3`
- `static const int kXFieldNumber = 1`
- `static const int kYFieldNumber = 2`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void swap (BriarRect &a, BriarRect &b)

7.37.1 Constructor & Destructor Documentation

7.37.1.1 BriarRect() [1/2]

```
briar::BriarRect::BriarRect ( )
```

7.37.1.2 ~BriarRect()

```
briar::BriarRect::~BriarRect ( ) [virtual]
```

7.37.1.3 BriarRect() [2/2]

```
briar::BriarRect::BriarRect ( const BriarRect & from )
```

7.37.2 Member Function Documentation

7.37.2.1 ByteSizeLong()

```
size_t briar::BriarRect::ByteSizeLong ( ) const [final]
```

7.37.2.2 Clear()

```
void briar::BriarRect::Clear ( ) [final]
```

7.37.2.3 `clear_height()`

```
void briar::BriarRect::clear_height ( ) [inline]
```

7.37.2.4 `clear_width()`

```
void briar::BriarRect::clear_width ( ) [inline]
```

7.37.2.5 `clear_x()`

```
void briar::BriarRect::clear_x ( ) [inline]
```

7.37.2.6 `clear_y()`

```
void briar::BriarRect::clear_y ( ) [inline]
```

7.37.2.7 `CopyFrom()` [1/2]

```
void briar::BriarRect::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.37.2.8 `CopyFrom()` [2/2]

```
void briar::BriarRect::CopyFrom (
    const BriarRect & from )
```

7.37.2.9 `default_instance()`

```
const BriarRect & briar::BriarRect::default_instance ( ) [static]
```

7.37.2.10 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarRect::descriptor() [static]
```

7.37.2.11 GetCachedSize()

```
int briar::BriarRect::GetCachedSize() const [inline], [final]
```

7.37.2.12 GetMetadata()

```
google::protobuf::Metadata briar::BriarRect::GetMetadata() const [final]
```

7.37.2.13 height()

```
google::protobuf::int32 briar::BriarRect::height() const [inline]
```

7.37.2.14 InitAsDefaultInstance()

```
void briar::BriarRect::InitAsDefaultInstance() [static]
```

7.37.2.15 internal_default_instance()

```
static const BriarRect* briar::BriarRect::internal_default_instance() [inline], [static]
```

7.37.2.16 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8* briar::BriarRect::InternalSerializeWithCachedSizesToArray(
    bool deterministic,
    ::google::protobuf::uint8* target) const [final]
```

7.37.2.17 IsInitialized()

```
bool briar::BriarRect::IsInitialized ( ) const [final]
```

7.37.2.18 MergeFrom() [1/2]

```
void briar::BriarRect::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.37.2.19 MergeFrom() [2/2]

```
void briar::BriarRect::MergeFrom (
    const BriarRect & from )
```

7.37.2.20 MergePartialFromCodedStream()

```
bool briar::BriarRect::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.37.2.21 New() [1/2]

```
BriarRect* briar::BriarRect::New ( ) const [inline], [final]
```

7.37.2.22 New() [2/2]

```
BriarRect* briar::BriarRect::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.37.2.23 operator=()

```
BriarRect& briar::BriarRect::operator= (
    const BriarRect & from ) [inline]
```

7.37.2.24 SerializeWithCachedSizes()

```
void briar::BriarRect::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.37.2.25 set_height()

```
void briar::BriarRect::set_height (
    ::google::protobuf::int32 value ) [inline]
```

7.37.2.26 set_width()

```
void briar::BriarRect::set_width (
    ::google::protobuf::int32 value ) [inline]
```

7.37.2.27 set_x()

```
void briar::BriarRect::set_x (
    ::google::protobuf::int32 value ) [inline]
```

7.37.2.28 set_y()

```
void briar::BriarRect::set_y (
    ::google::protobuf::int32 value ) [inline]
```

7.37.2.29 Swap()

```
void briar::BriarRect::Swap (
    BriarRect * other )
```

7.37.2.30 width()

```
google::protobuf::int32 briar::BriarRect::width ( ) const [inline]
```

7.37.2.31 x()

```
google::protobuf::int32 briar::BriarRect::x () const [inline]
```

7.37.2.32 y()

```
google::protobuf::int32 briar::BriarRect::y () const [inline]
```

7.37.3 Friends And Related Function Documentation

7.37.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.37.3.2 swap

```
void swap (
    BriarRect & a,
    BriarRect & b ) [friend]
```

7.37.4 Member Data Documentation

7.37.4.1 kHeightFieldNumber

```
const int briar::BriarRect::kHeightFieldNumber = 4 [static]
```

7.37.4.2 kIndexInFileMessages

```
constexpr int briar::BriarRect::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 10
```

7.37.4.3 kWidthFieldNumber

```
const int briar::BriarRect::kWidthFieldNumber = 3 [static]
```

7.37.4.4 kXFieldNumber

```
const int briar::BriarRect::kXFieldNumber = 1 [static]
```

7.37.4.5 kYFieldNumber

```
const int briar::BriarRect::kYFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.38 briar::BriarRectDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarRect](#) > [_instance](#)

7.38.1 Member Data Documentation

7.38.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<BriarRect> briar::BriarRectDefaultTypeInternal::_instance
```

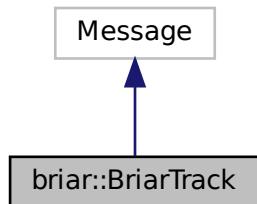
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

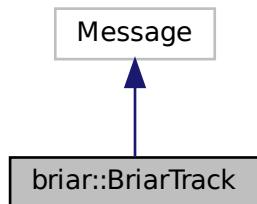
7.39 briar::BriarTrack Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarTrack:



Collaboration diagram for briar::BriarTrack:



Public Member Functions

- void [add_confidences](#) (float value)
- [::briar::Tracklet * add_tracklets](#) ()
- [BriarTrack](#) ()
- [BriarTrack](#) (const [BriarTrack](#) &from)
- size_t [ByteSizeLong](#) () const final
- void [Clear](#) () final
- void [clear_confidences](#) ()
- void [clear_tracklets](#) ()
- const ::google::protobuf::RepeatedField< float > & [confidences](#) () const
- float [confidences](#) (int index) const
- int [confidences_size](#) () const
- void [CopyFrom](#) (const ::google::protobuf::Message &from) final
- void [CopyFrom](#) (const [BriarTrack](#) &from)
- int [GetCachedSize](#) () const final

- ::google::protobuf::Metadata [GetMetadata](#) () const final
- ::google::protobuf::uint8 * [InternalSerializeWithCachedSizesToArray](#) (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool [IsInitialized](#) () const final
- void [MergeFrom](#) (const ::google::protobuf::Message &from) final
- void [MergeFrom](#) (const [BriarTrack](#) &from)
- bool [MergePartialFromCodedStream](#) (::google::protobuf::io::CodedInputStream *input) final
- ::google::protobuf::RepeatedField< float > * [mutable_confidences](#) ()
- ::google::protobuf::RepeatedPtrField< ::briar::Tracklet > * [mutable_tracklets](#) ()
- ::briar::Tracklet * [mutable_tracklets](#) (int index)
- [BriarTrack](#) * [New](#) () const final
- [BriarTrack](#) * [New](#) (::google::protobuf::Arena *arena) const final
- [BriarTrack](#) & [operator=](#) (const [BriarTrack](#) &from)
- void [SerializeWithCachedSizes](#) (::google::protobuf::io::CodedOutputStream *output) const final
- void [set_confidences](#) (int index, float value)
- void [Swap](#) ([BriarTrack](#) *other)
- const ::google::protobuf::RepeatedPtrField< ::briar::Tracklet > & [tracklets](#) () const
- const ::briar::Tracklet & [tracklets](#) (int index) const
- int [tracklets_size](#) () const
- virtual ~[BriarTrack](#) ()

Static Public Member Functions

- static const [BriarTrack](#) & [default_instance](#) ()
- static const ::google::protobuf::Descriptor * [descriptor](#) ()
- static void [InitAsDefaultInstance](#) ()
- static const [BriarTrack](#) * [internal_default_instance](#) ()

Static Public Attributes

- static const int [kConfidencesFieldNumber](#) = 2
- static constexpr int [kIndexInFileMessages](#)
- static const int [kTrackletsFieldNumber](#) = 1

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void [swap](#) ([BriarTrack](#) &a, [BriarTrack](#) &b)

7.39.1 Constructor & Destructor Documentation

7.39.1.1 [BriarTrack\(\)](#) [1/2]

```
briar::BriarTrack::BriarTrack ( )
```

7.39.1.2 ~BriarTrack()

```
briar::BriarTrack::~BriarTrack ( ) [virtual]
```

7.39.1.3 BriarTrack() [2/2]

```
briar::BriarTrack::BriarTrack (
    const BriarTrack & from )
```

7.39.2 Member Function Documentation

7.39.2.1 add_confidences()

```
void briar::BriarTrack::add_confidences (
    float value ) [inline]
```

7.39.2.2 add_tracklets()

```
briar::Tracklet * briar::BriarTrack::add_tracklets ( ) [inline]
```

7.39.2.3 ByteSizeLong()

```
size_t briar::BriarTrack::ByteSizeLong ( ) const [final]
```

7.39.2.4 Clear()

```
void briar::BriarTrack::Clear ( ) [final]
```

7.39.2.5 clear_confidences()

```
void briar::BriarTrack::clear_confidences ( ) [inline]
```

7.39.2.6 clear_tracklets()

```
void briar::BriarTrack::clear_tracklets ( ) [inline]
```

7.39.2.7 confidences() [1/2]

```
const ::google::protobuf::RepeatedField< float > & briar::BriarTrack::confidences ( ) const [inline]
```

7.39.2.8 confidences() [2/2]

```
float briar::BriarTrack::confidences ( int index ) const [inline]
```

7.39.2.9 confidences_size()

```
int briar::BriarTrack::confidences_size ( ) const [inline]
```

7.39.2.10 CopyFrom() [1/2]

```
void briar::BriarTrack::CopyFrom ( const ::google::protobuf::Message & from ) [final]
```

7.39.2.11 CopyFrom() [2/2]

```
void briar::BriarTrack::CopyFrom ( const BriarTrack & from )
```

7.39.2.12 default_instance()

```
const BriarTrack & briar::BriarTrack::default_instance ( ) [static]
```

7.39.2.13 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarTrack::descriptor () [static]
```

7.39.2.14 GetCachedSize()

```
int briar::BriarTrack::GetCachedSize () const [inline], [final]
```

7.39.2.15 GetMetadata()

```
google::protobuf::Metadata briar::BriarTrack::GetMetadata () const [final]
```

7.39.2.16 InitAsDefaultInstance()

```
void briar::BriarTrack::InitAsDefaultInstance () [static]
```

7.39.2.17 internal_default_instance()

```
static const BriarTrack* briar::BriarTrack::internal_default_instance () [inline], [static]
```

7.39.2.18 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarTrack::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.39.2.19 IsInitialized()

```
bool briar::BriarTrack::IsInitialized () const [final]
```

7.39.2.20 MergeFrom() [1/2]

```
void briar::BriarTrack::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.39.2.21 MergeFrom() [2/2]

```
void briar::BriarTrack::MergeFrom (
    const BriarTrack & from )
```

7.39.2.22 MergePartialFromCodedStream()

```
bool briar::BriarTrack::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.39.2.23 mutable_confidences()

```
google::protobuf::RepeatedField< float > * briar::BriarTrack::mutable_confidences ( ) [inline]
```

7.39.2.24 mutable_tracklets() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Tracklet> * briar::BriarTrack::mutable_tracklets
( ) [inline]
```

7.39.2.25 mutable_tracklets() [2/2]

```
briar::Tracklet * briar::BriarTrack::mutable_tracklets (
    int index ) [inline]
```

7.39.2.26 New() [1/2]

```
BriarTrack* briar::BriarTrack::New ( ) const [inline], [final]
```

7.39.2.27 New() [2/2]

```
BriarTrack* briar::BriarTrack::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.39.2.28 operator=()

```
BriarTrack& briar::BriarTrack::operator= (
    const BriarTrack & from ) [inline]
```

7.39.2.29 SerializeWithCachedSizes()

```
void briar::BriarTrack::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.39.2.30 set_confidences()

```
void briar::BriarTrack::set_confidences (
    int index,
    float value ) [inline]
```

7.39.2.31 Swap()

```
void briar::BriarTrack::Swap (
    BriarTrack * other )
```

7.39.2.32 tracklets() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Tracklet> & briar::BriarTrack::tracklets
( ) const [inline]
```

7.39.2.33 tracklets() [2/2]

```
const ::briar::Tracklet & briar::BriarTrack::tracklets (
    int index ) const [inline]
```

7.39.2.34 tracklets_size()

```
int briar::BriarTrack::tracklets_size ( ) const [inline]
```

7.39.3 Friends And Related Function Documentation

7.39.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.39.3.2 swap

```
void swap (
    BriarTrack & a,
    BriarTrack & b ) [friend]
```

7.39.4 Member Data Documentation

7.39.4.1 kConfidencesFieldNumber

```
const int briar::BriarTrack::kConfidencesFieldNumber = 2 [static]
```

7.39.4.2 kIndexInFileMessages

```
constexpr int briar::BriarTrack::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 13
```

7.39.4.3 kTrackletsFieldNumber

```
const int briar::BriarTrack::kTrackletsFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.40 briar::BriarTrackDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[BriarTrack](#)> `_instance`

7.40.1 Member Data Documentation

7.40.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed<BriarTrack> briar::BriarTrackDefaultTypeInternal::_instance`

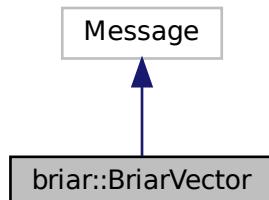
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

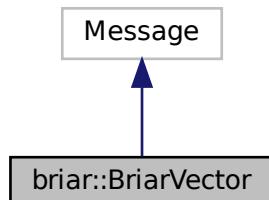
7.41 briar::BriarVector Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::BriarVector:



Collaboration diagram for briar::BriarVector:



Public Member Functions

- void `add_data` (float value)
- `BriarVector()`
- `BriarVector(const BriarVector &from)`
- `size_t ByteSizeLong() const final`
- void `Clear() final`
- void `clear_data()`
- void `CopyFrom(const ::google::protobuf::Message &from) final`
- void `CopyFrom(const BriarVector &from)`
- const ::google::protobuf::RepeatedField< float > & `data() const`
- float `data(int index) const`
- int `data_size() const`
- int `GetCachedSize() const final`
- ::google::protobuf::Metadata `GetMetadata() const final`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray(bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized() const final`
- void `MergeFrom(const ::google::protobuf::Message &from) final`
- void `MergeFrom(const BriarVector &from)`
- bool `MergePartialFromCodedStream(::google::protobuf::io::CodedInputStream *input) final`
- ::google::protobuf::RepeatedField< float > * `mutable_data()`
- `BriarVector * New() const final`
- `BriarVector * New(::google::protobuf::Arena *arena) const final`
- `BriarVector & operator=(const BriarVector &from)`
- void `SerializeWithCachedSizes(::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_data(int index, float value)`
- void `Swap(BriarVector *other)`
- virtual ~`BriarVector()`

Static Public Member Functions

- static const `BriarVector & default_instance()`
- static const ::google::protobuf::Descriptor * `descriptor()`
- static void `InitAsDefaultInstance()`
- static const `BriarVector * internal_default_instance()`

Static Public Attributes

- static const int `kDataFieldNumber = 1`
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void `swap(BriarVector &a, BriarVector &b)`

7.41.1 Constructor & Destructor Documentation

7.41.1.1 **BriarVector()** [1/2]

```
briar::BriarVector::BriarVector ( )
```

7.41.1.2 **~BriarVector()**

```
briar::BriarVector::~BriarVector ( ) [virtual]
```

7.41.1.3 **BriarVector()** [2/2]

```
briar::BriarVector::BriarVector (
    const BriarVector & from )
```

7.41.2 Member Function Documentation

7.41.2.1 **add_data()**

```
void briar::BriarVector::add_data (
    float value ) [inline]
```

7.41.2.2 **ByteSizeLong()**

```
size_t briar::BriarVector::ByteSizeLong ( ) const [final]
```

7.41.2.3 **Clear()**

```
void briar::BriarVector::Clear ( ) [final]
```

7.41.2.4 **clear_data()**

```
void briar::BriarVector::clear_data ( ) [inline]
```

7.41.2.5 CopyFrom() [1/2]

```
void briar::BriarVector::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.41.2.6 CopyFrom() [2/2]

```
void briar::BriarVector::CopyFrom (
    const BriarVector & from)
```

7.41.2.7 data() [1/2]

```
const ::google::protobuf::RepeatedField< float > & briar::BriarVector::data () const [inline]
```

7.41.2.8 data() [2/2]

```
float briar::BriarVector::data (
    int index) const [inline]
```

7.41.2.9 data_size()

```
int briar::BriarVector::data_size () const [inline]
```

7.41.2.10 default_instance()

```
const BriarVector & briar::BriarVector::default_instance () [static]
```

7.41.2.11 descriptor()

```
const ::google::protobuf::Descriptor * briar::BriarVector::descriptor () [static]
```

7.41.2.12 GetCachedSize()

```
int briar::BriarVector::GetCachedSize ( ) const [inline], [final]
```

7.41.2.13 GetMetadata()

```
google::protobuf::Metadata briar::BriarVector::GetMetadata ( ) const [final]
```

7.41.2.14 InitAsDefaultInstance()

```
void briar::BriarVector::InitAsDefaultInstance ( ) [static]
```

7.41.2.15 internal_default_instance()

```
static const BriarVector* briar::BriarVector::internal_default_instance ( ) [inline], [static]
```

7.41.2.16 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::BriarVector::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.41.2.17 IsInitialized()

```
bool briar::BriarVector::IsInitialized ( ) const [final]
```

7.41.2.18 MergeFrom() [1/2]

```
void briar::BriarVector::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.41.2.19 MergeFrom() [2/2]

```
void briar::BriarVector::MergeFrom (
    const BriarVector & from )
```

7.41.2.20 MergePartialFromCodedStream()

```
bool briar::BriarVector::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.41.2.21 mutable_data()

```
google::protobuf::RepeatedField< float > * briar::BriarVector::mutable_data ( ) [inline]
```

7.41.2.22 New() [1/2]

```
BriarVector* briar::BriarVector::New ( ) const [inline], [final]
```

7.41.2.23 New() [2/2]

```
BriarVector* briar::BriarVector::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.41.2.24 operator=()

```
BriarVector& briar::BriarVector::operator= (
    const BriarVector & from ) [inline]
```

7.41.2.25 SerializeWithCachedSizes()

```
void briar::BriarVector::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.41.2.26 set_data()

```
void briar::BriarVector::set_data (
    int index,
    float value ) [inline]
```

7.41.2.27 Swap()

```
void briar::BriarVector::Swap (
    BriarVector * other )
```

7.41.3 Friends And Related Function Documentation

7.41.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.41.3.2 swap

```
void swap (
    BriarVector & a,
    BriarVector & b ) [friend]
```

7.41.4 Member Data Documentation

7.41.4.1 kDataFieldNumber

```
const int briar::BriarVector::kDataFieldNumber = 1 [static]
```

7.41.4.2 kIndexInFileMessages

```
constexpr int briar::BriarVector::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
=
14
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.42 briar::BriarVectorDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [BriarVector](#) > `_instance`

7.42.1 Member Data Documentation

7.42.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<BriarVector> briar::BriarVectorDefault←  
TypeInternal:::_instance
```

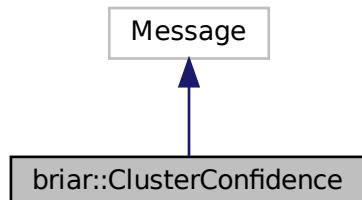
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

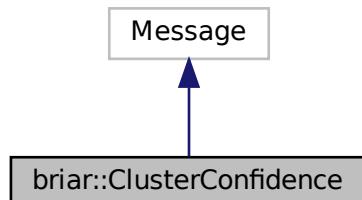
7.43 briar::ClusterConfidence Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::ClusterConfidence:



Collaboration diagram for briar::ClusterConfidence:



Public Member Functions

- size_t `ByteSizeLong` () const final
- void `Clear` () final
- void `clear_confidences` ()
- `ClusterConfidence` ()
- `ClusterConfidence` (const `ClusterConfidence` &from)
- double `confidences` () const
- void `CopyFrom` (const ::google::protobuf::Message &from) final
- void `CopyFrom` (const `ClusterConfidence` &from)
- int `GetCachedSize` () const final
- ::google::protobuf::Metadata `GetMetadata` () const final
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized` () const final
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `ClusterConfidence` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- `ClusterConfidence` * `New` () const final
- `ClusterConfidence` * `New` (::google::protobuf::Arena *arena) const final
- `ClusterConfidence` & `operator=` (const `ClusterConfidence` &from)
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_confidences` (double value)
- void `Swap` (`ClusterConfidence` *other)
- virtual ~`ClusterConfidence` ()

Static Public Member Functions

- static const `ClusterConfidence` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `ClusterConfidence` * `internal_default_instance` ()

Static Public Attributes

- static const int `kConfidencesFieldNumber` = 1
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void `swap` (`ClusterConfidence` &a, `ClusterConfidence` &b)

7.43.1 Constructor & Destructor Documentation

7.43.1.1 ClusterConfidence() [1/2]

```
briar::ClusterConfidence::ClusterConfidence ( )
```

7.43.1.2 ~ClusterConfidence()

```
briar::ClusterConfidence::~ClusterConfidence ( ) [virtual]
```

7.43.1.3 ClusterConfidence() [2/2]

```
briar::ClusterConfidence::ClusterConfidence ( const ClusterConfidence & from )
```

7.43.2 Member Function Documentation

7.43.2.1 ByteSizeLong()

```
size_t briar::ClusterConfidence::ByteSizeLong ( ) const [final]
```

7.43.2.2 Clear()

```
void briar::ClusterConfidence::Clear ( ) [final]
```

7.43.2.3 clear_confidences()

```
void briar::ClusterConfidence::clear_confidences ( ) [inline]
```

7.43.2.4 confidences()

```
double briar::ClusterConfidence::confidences ( ) const [inline]
```

7.43.2.5 CopyFrom() [1/2]

```
void briar::ClusterConfidence::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.43.2.6 CopyFrom() [2/2]

```
void briar::ClusterConfidence::CopyFrom (
    const ClusterConfidence & from)
```

7.43.2.7 default_instance()

```
const ClusterConfidence & briar::ClusterConfidence::default_instance () [static]
```

7.43.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::ClusterConfidence::descriptor () [static]
```

7.43.2.9 GetCachedSize()

```
int briar::ClusterConfidence::GetCachedSize () const [inline], [final]
```

7.43.2.10 GetMetadata()

```
google::protobuf::Metadata briar::ClusterConfidence::GetMetadata () const [final]
```

7.43.2.11 InitAsDefaultInstance()

```
void briar::ClusterConfidence::InitAsDefaultInstance () [static]
```

7.43.2.12 internal_default_instance()

```
static const ClusterConfidence* briar::ClusterConfidence::internal_default_instance ( ) [inline],  
[static]
```

7.43.2.13 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::ClusterConfidence::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.43.2.14 IsInitialized()

```
bool briar::ClusterConfidence::IsInitialized ( ) const [final]
```

7.43.2.15 MergeFrom() [1/2]

```
void briar::ClusterConfidence::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.43.2.16 MergeFrom() [2/2]

```
void briar::ClusterConfidence::MergeFrom (   
    const ClusterConfidence & from )
```

7.43.2.17 MergePartialFromCodedStream()

```
bool briar::ClusterConfidence::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.43.2.18 New() [1/2]

```
ClusterConfidence* briar::ClusterConfidence::New ( ) const [inline], [final]
```

7.43.2.19 New() [2/2]

```
ClusterConfidence* briar::ClusterConfidence::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.43.2.20 operator=()

```
ClusterConfidence& briar::ClusterConfidence::operator= (
    const ClusterConfidence & from ) [inline]
```

7.43.2.21 SerializeWithCachedSizes()

```
void briar::ClusterConfidence::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.43.2.22 set_confidences()

```
void briar::ClusterConfidence::set_confidences (
    double value ) [inline]
```

7.43.2.23 Swap()

```
void briar::ClusterConfidence::Swap (
    ClusterConfidence * other )
```

7.43.3 Friends And Related Function Documentation**7.43.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.43.3.2 swap

```
void swap (
    ClusterConfidence & a,
    ClusterConfidence & b ) [friend]
```

7.43.4 Member Data Documentation

7.43.4.1 kConfidencesFieldNumber

```
const int briar::ClusterConfidence::kConfidencesFieldNumber = 1 [static]
```

7.43.4.2 kIndexInFileMessages

```
constexpr int briar::ClusterConfidence::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 42
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.44 briar::ClusterConfidenceDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[ClusterConfidence](#) > [_instance](#)

7.44.1 Member Data Documentation

7.44.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<ClusterConfidence> briar::ClusterConfidence<->
DefaultTypeInternal:::_instance
```

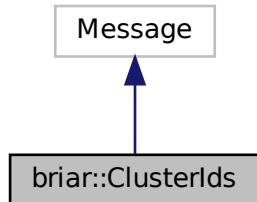
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

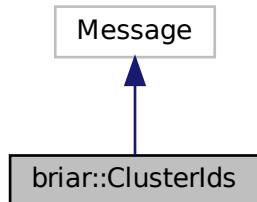
7.45 briar::ClusterIds Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::ClusterIds:



Collaboration diagram for briar::ClusterIds:



Public Member Functions

- `::std::string * add_ids ()`
- `void add_ids (const ::std::string &value)`
- `void add_ids (const char *value)`
- `void add_ids (const char *value, size_t size)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_ids ()`
- `ClusterIds ()`
- `ClusterIds (const ClusterIds &from)`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const ClusterIds &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `const ::google::protobuf::RepeatedPtrField< ::std::string > & ids () const`

- const ::std::string & `ids` (int index) const
- int `ids_size` () const
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized` () const final
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `ClusterIds` &from)
- bool `MergePartialFromCodedStream` (:google::protobuf::io::CodedInputStream *input) final
- ::google::protobuf::RepeatedPtrField< ::std::string > * `mutable_ids` ()
- ::std::string * `mutable_ids` (int index)
- `ClusterIds` * `New` () const final
- `ClusterIds` * `New` (::google::protobuf::Arena *arena) const final
- `ClusterIds` & `operator=` (const `ClusterIds` &from)
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_ids` (int index, const ::std::string &value)
- void `set_ids` (int index, const char *value)
- void `set_ids` (int index, const char *value, size_t size)
- void `Swap` (`ClusterIds` *other)
- virtual ~`ClusterIds` ()

Static Public Member Functions

- static const `ClusterIds` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `ClusterIds` * `internal_default_instance` ()

Static Public Attributes

- static const int `kIdsFieldNumber` = 1
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void `swap` (`ClusterIds` &a, `ClusterIds` &b)

7.45.1 Constructor & Destructor Documentation

7.45.1.1 ClusterIds() [1/2]

```
briar::ClusterIds::ClusterIds ( )
```

7.45.1.2 ~ClusterIds()

```
briar::ClusterIds::~ClusterIds ( ) [virtual]
```

7.45.1.3 ClusterIds() [2/2]

```
briar::ClusterIds::ClusterIds ( const ClusterIds & from )
```

7.45.2 Member Function Documentation

7.45.2.1 add_ids() [1/4]

```
std::string * briar::ClusterIds::add_ids ( ) [inline]
```

7.45.2.2 add_ids() [2/4]

```
void briar::ClusterIds::add_ids ( const ::std::string & value ) [inline]
```

7.45.2.3 add_ids() [3/4]

```
void briar::ClusterIds::add_ids ( const char * value ) [inline]
```

7.45.2.4 add_ids() [4/4]

```
void briar::ClusterIds::add_ids ( const char * value, size_t size ) [inline]
```

7.45.2.5 ByteSizeLong()

```
size_t briar::ClusterIds::ByteSizeLong ( ) const [final]
```

7.45.2.6 Clear()

```
void briar::ClusterIds::Clear ( ) [final]
```

7.45.2.7 clear_ids()

```
void briar::ClusterIds::clear_ids ( ) [inline]
```

7.45.2.8 CopyFrom() [1/2]

```
void briar::ClusterIds::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.45.2.9 CopyFrom() [2/2]

```
void briar::ClusterIds::CopyFrom (
    const ClusterIds & from )
```

7.45.2.10 default_instance()

```
const ClusterIds & briar::ClusterIds::default_instance ( ) [static]
```

7.45.2.11 descriptor()

```
const ::google::protobuf::Descriptor * briar::ClusterIds::descriptor ( ) [static]
```

7.45.2.12 GetCachedSize()

```
int briar::ClusterIds::GetCachedSize ( ) const [inline], [final]
```

7.45.2.13 GetMetadata()

```
google::protobuf::Metadata briar::ClusterIds::GetMetadata ( ) const [final]
```

7.45.2.14 ids() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::std::string> & briar::ClusterIds::ids ( ) const [inline]
```

7.45.2.15 ids() [2/2]

```
const ::std::string & briar::ClusterIds::ids ( int index ) const [inline]
```

7.45.2.16 ids_size()

```
int briar::ClusterIds::ids_size ( ) const [inline]
```

7.45.2.17 InitAsDefaultInstance()

```
void briar::ClusterIds::InitAsDefaultInstance ( ) [static]
```

7.45.2.18 internal_default_instance()

```
static const ClusterIds* briar::ClusterIds::internal_default_instance ( ) [inline], [static]
```

7.45.2.19 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::ClusterIds::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.45.2.20 IsInitialized()

```
bool briar::ClusterIds::IsInitialized () const [final]
```

7.45.2.21 MergeFrom() [1/2]

```
void briar::ClusterIds::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.45.2.22 MergeFrom() [2/2]

```
void briar::ClusterIds::MergeFrom (
    const ClusterIds & from )
```

7.45.2.23 MergePartialFromCodedStream()

```
bool briar::ClusterIds::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.45.2.24 mutable_ids() [1/2]

```
google::protobuf::RepeatedPtrField<::std::string> * briar::ClusterIds::mutable_ids () [inline]
```

7.45.2.25 mutable_ids() [2/2]

```
std::string * briar::ClusterIds::mutable_ids (
    int index ) [inline]
```

7.45.2.26 New() [1/2]

```
ClusterIds* briar::ClusterIds::New ( ) const [inline], [final]
```

7.45.2.27 New() [2/2]

```
ClusterIds* briar::ClusterIds::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.45.2.28 operator=()

```
ClusterIds& briar::ClusterIds::operator= (
    const ClusterIds & from ) [inline]
```

7.45.2.29 SerializeWithCachedSizes()

```
void briar::ClusterIds::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.45.2.30 set_ids() [1/3]

```
void briar::ClusterIds::set_ids (
    int index,
    const ::std::string & value ) [inline]
```

7.45.2.31 set_ids() [2/3]

```
void briar::ClusterIds::set_ids (
    int index,
    const char * value ) [inline]
```

7.45.2.32 set_ids() [3/3]

```
void briar::ClusterIds::set_ids (
    int index,
    const char * value,
    size_t size ) [inline]
```

7.45.2.33 Swap()

```
void briar::ClusterIds::Swap (
    ClusterIds * other )
```

7.45.3 Friends And Related Function Documentation

7.45.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.45.3.2 swap

```
void swap (
    ClusterIds & a,
    ClusterIds & b ) [friend]
```

7.45.4 Member Data Documentation

7.45.4.1 kIdsFieldNumber

```
const int briar::ClusterIds::kIdsFieldNumber = 1 [static]
```

7.45.4.2 kIndexInFileMessages

```
constexpr int briar::ClusterIds::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 41
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.46 briar::ClusterIdsDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [ClusterIds](#) > `_instance`

7.46.1 Member Data Documentation

7.46.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed<ClusterIds> briar::ClusterIdsDefaultTypeInternal::_instance`

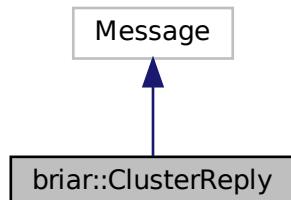
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

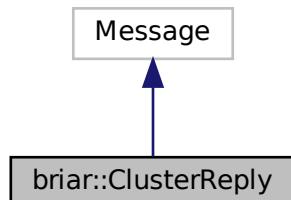
7.47 briar::ClusterReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::ClusterReply:



Collaboration diagram for briar::ClusterReply:



Public Member Functions

- ::briar::ClusterConfidence * add_cluster_confidences ()
- ::briar::ClusterIds * add_cluster_ids ()
- size_t ByteSizeLong () const final
- void Clear () final
- void clear_cluster_confidences ()
- void clear_cluster_ids ()
- void clear_durations ()
- void clear_errors ()
- void clear_progress ()
- const ::google::protobuf::RepeatedPtrField< ::briar::ClusterConfidence > & cluster_confidences () const
- const ::briar::ClusterConfidence & cluster_confidences (int index) const
- int cluster_confidences_size () const
- const ::google::protobuf::RepeatedPtrField< ::briar::ClusterIds > & cluster_ids () const
- const ::briar::ClusterIds & cluster_ids (int index) const
- int cluster_ids_size () const
- ClusterReply ()
- ClusterReply (const ClusterReply &from)
- void CopyFrom (const ::google::protobuf::Message &from) final
- void CopyFrom (const ClusterReply &from)
- const ::briar::BriarDurations & durations () const
- const ::briar::BriarErrors & errors () const
- int GetCachedSize () const final
- ::google::protobuf::Metadata GetMetadata () const final
- bool has_durations () const
- bool has_errors () const
- bool has_progress () const
- ::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool IsInitialized () const final
- void MergeFrom (const ::google::protobuf::Message &from) final
- void MergeFrom (const ClusterReply &from)
- bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final
- ::google::protobuf::RepeatedPtrField< ::briar::ClusterConfidence > * mutable_cluster_confidences ()
- ::briar::ClusterConfidence * mutable_cluster_confidences (int index)
- ::google::protobuf::RepeatedPtrField< ::briar::ClusterIds > * mutable_cluster_ids ()
- ::briar::ClusterIds * mutable_cluster_ids (int index)
- ::briar::BriarDurations * mutable_durations ()
- ::briar::BriarErrors * mutable_errors ()
- ::briar::BriarProgress * mutable_progress ()
- ClusterReply * New () const final
- ClusterReply * New (::google::protobuf::Arena *arena) const final
- ClusterReply & operator= (const ClusterReply &from)
- const ::briar::BriarProgress & progress () const
- ::briar::BriarDurations * release_durations ()
- ::briar::BriarErrors * release_errors ()
- ::briar::BriarProgress * release_progress ()
- void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final
- void set_allocated_durations (::briar::BriarDurations *durations)
- void set_allocated_errors (::briar::BriarErrors *errors)
- void set_allocated_progress (::briar::BriarProgress *progress)
- void Swap (ClusterReply *other)
- virtual ~ClusterReply ()

Static Public Member Functions

- static const `ClusterReply & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `ClusterReply * internal_default_instance ()`

Static Public Attributes

- static const int `kClusterConfidencesFieldNumber = 2`
- static const int `kClusterIdsFieldNumber = 1`
- static const int `kDurationsFieldNumber = 3`
- static const int `kErrorsFieldNumber = 4`
- static constexpr int `kIndexInFileMessages`
- static const int `kProgressFieldNumber = 5`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap (ClusterReply &a, ClusterReply &b)`

7.47.1 Constructor & Destructor Documentation

7.47.1.1 ClusterReply() [1/2]

```
briar::ClusterReply::ClusterReply ( )
```

7.47.1.2 ~ClusterReply()

```
briar::ClusterReply::~ClusterReply ( ) [virtual]
```

7.47.1.3 ClusterReply() [2/2]

```
briar::ClusterReply::ClusterReply (
    const ClusterReply & from )
```

7.47.2 Member Function Documentation

7.47.2.1 add_cluster_confidences()

```
briar::ClusterConfidence * briar::ClusterReply::add_cluster_confidences ( ) [inline]
```

7.47.2.2 add_cluster_ids()

```
briar::ClusterIds * briar::ClusterReply::add_cluster_ids ( ) [inline]
```

7.47.2.3 ByteSizeLong()

```
size_t briar::ClusterReply::ByteSizeLong ( ) const [final]
```

7.47.2.4 Clear()

```
void briar::ClusterReply::Clear ( ) [final]
```

7.47.2.5 clear_cluster_confidences()

```
void briar::ClusterReply::clear_cluster_confidences ( )
```

7.47.2.6 clear_cluster_ids()

```
void briar::ClusterReply::clear_cluster_ids ( )
```

7.47.2.7 clear_durations()

```
void briar::ClusterReply::clear_durations ( )
```

7.47.2.8 clear_errors()

```
void briar::ClusterReply::clear_errors ( )
```

7.47.2.9 clear_progress()

```
void briar::ClusterReply::clear_progress ( )
```

7.47.2.10 cluster_confidences() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::ClusterConfidence> & briar::ClusterReply::cluster_confidences ( ) const [inline]
```

7.47.2.11 cluster_confidences() [2/2]

```
const ::briar::ClusterConfidence & briar::ClusterReply::cluster_confidences ( int index ) const [inline]
```

7.47.2.12 cluster_confidences_size()

```
int briar::ClusterReply::cluster_confidences_size ( ) const [inline]
```

7.47.2.13 cluster_ids() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::ClusterIds> & briar::ClusterReply::cluster_ids ( ) const [inline]
```

7.47.2.14 cluster_ids() [2/2]

```
const ::briar::ClusterIds & briar::ClusterReply::cluster_ids ( int index ) const [inline]
```

7.47.2.15 cluster_ids_size()

```
int briar::ClusterReply::cluster_ids_size ( ) const [inline]
```

7.47.2.16 CopyFrom() [1/2]

```
void briar::ClusterReply::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.47.2.17 CopyFrom() [2/2]

```
void briar::ClusterReply::CopyFrom (
    const ClusterReply & from)
```

7.47.2.18 default_instance()

```
const ClusterReply & briar::ClusterReply::default_instance () [static]
```

7.47.2.19 descriptor()

```
const ::google::protobuf::Descriptor * briar::ClusterReply::descriptor () [static]
```

7.47.2.20 durations()

```
const ::briar::BriarDurations & briar::ClusterReply::durations () const [inline]
```

7.47.2.21 errors()

```
const ::briar::BriarErrors & briar::ClusterReply::errors () const [inline]
```

7.47.2.22 GetCachedSize()

```
int briar::ClusterReply::GetCachedSize () const [inline], [final]
```

7.47.2.23 GetMetadata()

```
google::protobuf::Metadata briar::ClusterReply::GetMetadata ( ) const [final]
```

7.47.2.24 has_durations()

```
bool briar::ClusterReply::has_durations ( ) const [inline]
```

7.47.2.25 has_errors()

```
bool briar::ClusterReply::has_errors ( ) const [inline]
```

7.47.2.26 has_progress()

```
bool briar::ClusterReply::has_progress ( ) const [inline]
```

7.47.2.27 InitAsDefaultInstance()

```
void briar::ClusterReply::InitAsDefaultInstance ( ) [static]
```

7.47.2.28 internal_default_instance()

```
static const ClusterReply* briar::ClusterReply::internal_default_instance ( ) [inline], [static]
```

7.47.2.29 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::ClusterReply::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.47.2.30 IsInitialized()

```
bool briar::ClusterReply::IsInitialized ( ) const [final]
```

7.47.2.31 MergeFrom() [1/2]

```
void briar::ClusterReply::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.47.2.32 MergeFrom() [2/2]

```
void briar::ClusterReply::MergeFrom (
    const ClusterReply & from )
```

7.47.2.33 MergePartialFromCodedStream()

```
bool briar::ClusterReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.47.2.34 mutable_cluster_confidences() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::ClusterConfidence> * briar::ClusterReply::mutable<-
_cluster_confidences ( ) [inline]
```

7.47.2.35 mutable_cluster_confidences() [2/2]

```
briar::ClusterConfidence * briar::ClusterReply::mutable_cluster_confidences (
    int index ) [inline]
```

7.47.2.36 mutable_cluster_ids() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::ClusterIds> * briar::ClusterReply::mutable<-
_cluster_ids ( ) [inline]
```

7.47.2.37 mutable_cluster_ids() [2/2]

```
briar::ClusterIds * briar::ClusterReply::mutable_cluster_ids (
    int index ) [inline]
```

7.47.2.38 mutable_durations()

```
briar::BriarDurations * briar::ClusterReply::mutable_durations () [inline]
```

7.47.2.39 mutable_errors()

```
briar::BriarErrors * briar::ClusterReply::mutable_errors () [inline]
```

7.47.2.40 mutable_progress()

```
briar::BriarProgress * briar::ClusterReply::mutable_progress () [inline]
```

7.47.2.41 New() [1/2]

```
ClusterReply* briar::ClusterReply::New () const [inline], [final]
```

7.47.2.42 New() [2/2]

```
ClusterReply* briar::ClusterReply::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.47.2.43 operator=()

```
ClusterReply& briar::ClusterReply::operator= (
    const ClusterReply & from ) [inline]
```

7.47.2.44 progress()

```
const ::briar::BriarProgress & briar::ClusterReply::progress () const [inline]
```

7.47.2.45 release_durations()

```
briar::BriarDurations * briar::ClusterReply::release_durations () [inline]
```

7.47.2.46 release_errors()

```
briar::BriarErrors * briar::ClusterReply::release_errors () [inline]
```

7.47.2.47 release_progress()

```
briar::BriarProgress * briar::ClusterReply::release_progress () [inline]
```

7.47.2.48 SerializeWithCachedSizes()

```
void briar::ClusterReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.47.2.49 set_allocated_durations()

```
void briar::ClusterReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.47.2.50 set_allocated_errors()

```
void briar::ClusterReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.47.2.51 set_allocated_progress()

```
void briar::ClusterReply::set_allocated_progress (
    ::briar::BriarProgress * progress ) [inline]
```

7.47.2.52 Swap()

```
void briar::ClusterReply::Swap (
    ClusterReply * other )
```

7.47.3 Friends And Related Function Documentation

7.47.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.47.3.2 swap

```
void swap (
    ClusterReply & a,
    ClusterReply & b ) [friend]
```

7.47.4 Member Data Documentation

7.47.4.1 kClusterConfidencesFieldNumber

```
const int briar::ClusterReply::kClusterConfidencesFieldNumber = 2 [static]
```

7.47.4.2 kClusterIdsFieldNumber

```
const int briar::ClusterReply::kClusterIdsFieldNumber = 1 [static]
```

7.47.4.3 kDurationsFieldNumber

```
const int briar::ClusterReply::kDurationsFieldNumber = 3 [static]
```

7.47.4.4 kErrorsFieldNumber

```
const int briar::ClusterReply::kErrorsFieldNumber = 4 [static]
```

7.47.4.5 kIndexInFileMessages

```
constexpr int briar::ClusterReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 38
```

7.47.4.6 kProgressFieldNumber

```
const int briar::ClusterReply::kProgressFieldNumber = 5 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.48 briar::ClusterReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[ClusterReply](#)> [_instance](#)

7.48.1 Member Data Documentation

7.48.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<ClusterReply> briar::ClusterReplyDefault<→  
TypeInternal:::\_instance
```

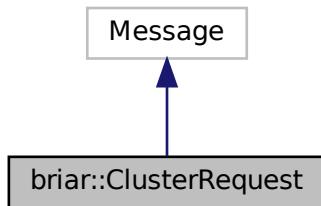
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

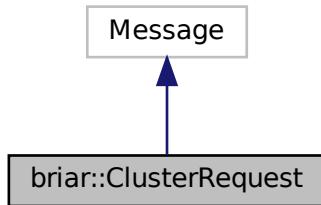
7.49 briar::ClusterRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::ClusterRequest:



Collaboration diagram for briar::ClusterRequest:



Public Member Functions

- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [clear_context \(\)](#)
- void [clear_database \(\)](#)
- void [clear_durations \(\)](#)
- [ClusterRequest \(\)](#)
- [ClusterRequest \(const ClusterRequest &from\)](#)
- const ::briar::EvalConfig & [context \(\) const](#)
- void [CopyFrom \(const ::google::protobuf::Message &from\) final](#)
- void [CopyFrom \(const ClusterRequest &from\)](#)
- const ::briar::BriarDatabase & [database \(\) const](#)
- const ::briar::BriarDurations & [durations \(\) const](#)
- int [GetCachedSize \(\) const final](#)
- ::google::protobuf::Metadata [GetMetadata \(\) const final](#)

- bool `has_context () const`
- bool `has_database () const`
- bool `has_durations () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized () const final`
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const ClusterRequest &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::briar::EvalConfig * `mutable_context ()`
- ::briar::BriarDatabase * `mutable_database ()`
- ::briar::BriarDurations * `mutable_durations ()`
- ClusterRequest * `New () const final`
- ClusterRequest * `New` (::google::protobuf::Arena *arena) const final
- ClusterRequest & `operator=` (const ClusterRequest &from)
- ::briar::EvalConfig * `release_context ()`
- ::briar::BriarDatabase * `release_database ()`
- ::briar::BriarDurations * `release_durations ()`
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_allocated_context` (::briar::EvalConfig *context)
- void `set_allocated_database` (::briar::BriarDatabase *database)
- void `set_allocated_durations` (::briar::BriarDurations *durations)
- void `Swap` (ClusterRequest *other)
- virtual ~ClusterRequest ()

Static Public Member Functions

- static const ClusterRequest & `default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const ClusterRequest * `internal_default_instance ()`

Static Public Attributes

- static const int `kContextFieldNumber` = 2
- static const int `kDatabaseFieldNumber` = 1
- static const int `kDurationsFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void `swap` (ClusterRequest &a, ClusterRequest &b)

7.49.1 Constructor & Destructor Documentation

7.49.1.1 ClusterRequest() [1/2]

```
briar::ClusterRequest::ClusterRequest ( )
```

7.49.1.2 ~ClusterRequest()

```
briar::ClusterRequest::~ClusterRequest ( ) [virtual]
```

7.49.1.3 ClusterRequest() [2/2]

```
briar::ClusterRequest::ClusterRequest ( const ClusterRequest & from )
```

7.49.2 Member Function Documentation

7.49.2.1 ByteSizeLong()

```
size_t briar::ClusterRequest::ByteSizeLong ( ) const [final]
```

7.49.2.2 Clear()

```
void briar::ClusterRequest::Clear ( ) [final]
```

7.49.2.3 clear_context()

```
void briar::ClusterRequest::clear_context ( )
```

7.49.2.4 clear_database()

```
void briar::ClusterRequest::clear_database ( )
```

7.49.2.5 clear_durations()

```
void briar::ClusterRequest::clear_durations ( )
```

7.49.2.6 context()

```
const ::briar::EvalConfig & briar::ClusterRequest::context ( ) const [inline]
```

7.49.2.7 CopyFrom() [1/2]

```
void briar::ClusterRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.49.2.8 CopyFrom() [2/2]

```
void briar::ClusterRequest::CopyFrom (
    const ClusterRequest & from )
```

7.49.2.9 database()

```
const ::briar::BriarDatabase & briar::ClusterRequest::database ( ) const [inline]
```

7.49.2.10 default_instance()

```
const ClusterRequest & briar::ClusterRequest::default_instance ( ) [static]
```

7.49.2.11 descriptor()

```
const ::google::protobuf::Descriptor * briar::ClusterRequest::descriptor ( ) [static]
```

7.49.2.12 durations()

```
const ::briar::BriarDurations & briar::ClusterRequest::durations () const [inline]
```

7.49.2.13 GetCachedSize()

```
int briar::ClusterRequest::GetCachedSize () const [inline], [final]
```

7.49.2.14 GetMetadata()

```
google::protobuf::Metadata briar::ClusterRequest::GetMetadata () const [final]
```

7.49.2.15 has_context()

```
bool briar::ClusterRequest::has_context () const [inline]
```

7.49.2.16 has_database()

```
bool briar::ClusterRequest::has_database () const [inline]
```

7.49.2.17 has_durations()

```
bool briar::ClusterRequest::has_durations () const [inline]
```

7.49.2.18 InitAsDefaultInstance()

```
void briar::ClusterRequest::InitAsDefaultInstance () [static]
```

7.49.2.19 internal_default_instance()

```
static const ClusterRequest* briar::ClusterRequest::internal_default_instance () [inline], [static]
```

7.49.2.20 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::ClusterRequest::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.49.2.21 IsInitialized()

```
bool briar::ClusterRequest::IsInitialized () const [final]
```

7.49.2.22 MergeFrom() [1/2]

```
void briar::ClusterRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.49.2.23 MergeFrom() [2/2]

```
void briar::ClusterRequest::MergeFrom (
    const ClusterRequest & from )
```

7.49.2.24 MergePartialFromCodedStream()

```
bool briar::ClusterRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.49.2.25 mutable_context()

```
briar::EvalConfig * briar::ClusterRequest::mutable_context () [inline]
```

7.49.2.26 mutable_database()

```
briar::BriarDatabase * briar::ClusterRequest::mutable_database () [inline]
```

7.49.2.27 mutable_durations()

```
briar::BriarDurations * briar::ClusterRequest::mutable_durations ( ) [inline]
```

7.49.2.28 New() [1/2]

```
ClusterRequest* briar::ClusterRequest::New ( ) const [inline], [final]
```

7.49.2.29 New() [2/2]

```
ClusterRequest* briar::ClusterRequest::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.49.2.30 operator=()

```
ClusterRequest& briar::ClusterRequest::operator= ( const ClusterRequest & from ) [inline]
```

7.49.2.31 release_context()

```
briar::EvalConfig * briar::ClusterRequest::release_context ( ) [inline]
```

7.49.2.32 release_database()

```
briar::BriarDatabase * briar::ClusterRequest::release_database ( ) [inline]
```

7.49.2.33 release_durations()

```
briar::BriarDurations * briar::ClusterRequest::release_durations ( ) [inline]
```

7.49.2.34 SerializeWithCachedSizes()

```
void briar::ClusterRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.49.2.35 set_allocated_context()

```
void briar::ClusterRequest::set_allocated_context (
    ::briar::EvalConfig * context ) [inline]
```

7.49.2.36 set_allocated_database()

```
void briar::ClusterRequest::set_allocated_database (
    ::briar::BriarDatabase * database ) [inline]
```

7.49.2.37 set_allocated_durations()

```
void briar::ClusterRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.49.2.38 Swap()

```
void briar::ClusterRequest::Swap (
    ClusterRequest * other )
```

7.49.3 Friends And Related Function Documentation

7.49.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.49.3.2 swap

```
void swap (
    ClusterRequest & a,
    ClusterRequest & b ) [friend]
```

7.49.4 Member Data Documentation

7.49.4.1 kContextFieldNumber

```
const int briar::ClusterRequest::kContextFieldNumber = 2 [static]
```

7.49.4.2 kDatabaseFieldNumber

```
const int briar::ClusterRequest::kDatabaseFieldNumber = 1 [static]
```

7.49.4.3 kDurationsFieldNumber

```
const int briar::ClusterRequest::kDurationsFieldNumber = 3 [static]
```

7.49.4.4 kIndexInFileMessages

```
constexpr int briar::ClusterRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 37
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.50 briar::ClusterRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [ClusterRequest](#) > [_instance](#)

7.50.1 Member Data Documentation

7.50.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<ClusterRequest> briar::ClusterRequest<->  
DefaultTypeInternal::__instance
```

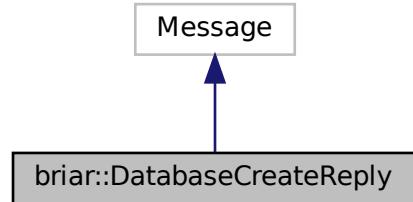
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

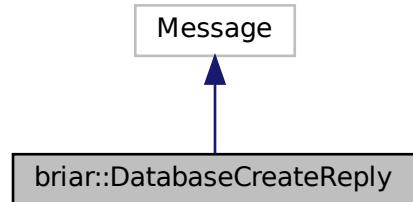
7.51 briar::DatabaseCreateReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseCreateReply:



Collaboration diagram for briar::DatabaseCreateReply:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_durations ()`
- void `clear_errors ()`
- void `clear_ids ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const DatabaseCreateReply &from)`
- `DatabaseCreateReply ()`
- `DatabaseCreateReply (const DatabaseCreateReply &from)`
- const `::briar::BriarDurations & durations () const`
- const `::briar::BriarErrors & errors () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_durations () const`
- bool `has_errors () const`
- bool `has_ids () const`
- const `::briar::TemplateIds & ids () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const DatabaseCreateReply &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::BriarDurations * mutable_durations ()`
- `::briar::BriarErrors * mutable_errors ()`
- `::briar::TemplateIds * mutable_ids ()`
- `DatabaseCreateReply * New () const final`
- `DatabaseCreateReply * New (::google::protobuf::Arena *arena) const final`
- `DatabaseCreateReply & operator= (const DatabaseCreateReply &from)`
- `::briar::BriarDurations * release_durations ()`
- `::briar::BriarErrors * release_errors ()`
- `::briar::TemplateIds * release_ids ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_errors (::briar::BriarErrors *errors)`
- void `set_allocated_ids (::briar::TemplateIds *ids)`
- void `Swap (DatabaseCreateReply *other)`
- virtual ~`DatabaseCreateReply ()`

Static Public Member Functions

- static const `DatabaseCreateReply & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseCreateReply * internal_default_instance ()`

Static Public Attributes

- static const int `kDurationsFieldNumber = 2`
- static const int `kErrorsFieldNumber = 3`
- static const int `kIdsFieldNumber = 1`
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void swap (DatabaseCreateReply &a, DatabaseCreateReply &b)

7.51.1 Constructor & Destructor Documentation

7.51.1.1 DatabaseCreateReply() [1/2]

```
briar::DatabaseCreateReply::DatabaseCreateReply ( )
```

7.51.1.2 ~DatabaseCreateReply()

```
briar::DatabaseCreateReply::~DatabaseCreateReply ( ) [virtual]
```

7.51.1.3 DatabaseCreateReply() [2/2]

```
briar::DatabaseCreateReply::DatabaseCreateReply (
    const DatabaseCreateReply & from )
```

7.51.2 Member Function Documentation

7.51.2.1 ByteSizeLong()

```
size_t briar::DatabaseCreateReply::ByteSizeLong ( ) const [final]
```

7.51.2.2 Clear()

```
void briar::DatabaseCreateReply::Clear ( ) [final]
```

7.51.2.3 `clear_durations()`

```
void briar::DatabaseCreateReply::clear_durations ( )
```

7.51.2.4 `clear_errors()`

```
void briar::DatabaseCreateReply::clear_errors ( )
```

7.51.2.5 `clear_ids()`

```
void briar::DatabaseCreateReply::clear_ids ( )
```

7.51.2.6 `CopyFrom()` [1/2]

```
void briar::DatabaseCreateReply::CopyFrom (
    const ::google::protobuf::Message & from )  [final]
```

7.51.2.7 `CopyFrom()` [2/2]

```
void briar::DatabaseCreateReply::CopyFrom (
    const DatabaseCreateReply & from )
```

7.51.2.8 `default_instance()`

```
const DatabaseCreateReply & briar::DatabaseCreateReply::default_instance ( )  [static]
```

7.51.2.9 `descriptor()`

```
const ::google::protobuf::Descriptor * briar::DatabaseCreateReply::descriptor ( )  [static]
```

7.51.2.10 durations()

```
const ::briar::BriarDurations & briar::DatabaseCreateReply::durations () const [inline]
```

7.51.2.11 errors()

```
const ::briar::BriarErrors & briar::DatabaseCreateReply::errors () const [inline]
```

7.51.2.12 GetCachedSize()

```
int briar::DatabaseCreateReply::GetCachedSize () const [inline], [final]
```

7.51.2.13 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseCreateReply::GetMetadata () const [final]
```

7.51.2.14 has_durations()

```
bool briar::DatabaseCreateReply::has_durations () const [inline]
```

7.51.2.15 has_errors()

```
bool briar::DatabaseCreateReply::has_errors () const [inline]
```

7.51.2.16 has_ids()

```
bool briar::DatabaseCreateReply::has_ids () const [inline]
```

7.51.2.17 ids()

```
const ::briar::TemplateIds & briar::DatabaseCreateReply::ids () const [inline]
```

7.51.2.18 `InitAsDefaultInstance()`

```
void briar::DatabaseCreateReply::InitAsDefaultInstance ( ) [static]
```

7.51.2.19 `internal_default_instance()`

```
static const DatabaseCreateReply* briar::DatabaseCreateReply::internal_default_instance ( )
[inline], [static]
```

7.51.2.20 `InternalSerializeWithCachedSizesToArray()`

```
google::protobuf::uint8 * briar::DatabaseCreateReply::InternalSerializeWithCachedSizesToArray
(
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.51.2.21 `IsInitialized()`

```
bool briar::DatabaseCreateReply::IsInitialized ( ) const [final]
```

7.51.2.22 `MergeFrom() [1/2]`

```
void briar::DatabaseCreateReply::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.51.2.23 `MergeFrom() [2/2]`

```
void briar::DatabaseCreateReply::MergeFrom (
    const DatabaseCreateReply & from )
```

7.51.2.24 `MergePartialFromCodedStream()`

```
bool briar::DatabaseCreateReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.51.2.25 mutable_durations()

```
briar::BriarDurations * briar::DatabaseCreateReply::mutable_durations () [inline]
```

7.51.2.26 mutable_errors()

```
briar::BriarErrors * briar::DatabaseCreateReply::mutable_errors () [inline]
```

7.51.2.27 mutable_ids()

```
briar::TemplateIds * briar::DatabaseCreateReply::mutable_ids () [inline]
```

7.51.2.28 New() [1/2]

```
DatabaseCreateReply* briar::DatabaseCreateReply::New () const [inline], [final]
```

7.51.2.29 New() [2/2]

```
DatabaseCreateReply* briar::DatabaseCreateReply::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.51.2.30 operator=()

```
DatabaseCreateReply& briar::DatabaseCreateReply::operator= (
    const DatabaseCreateReply & from ) [inline]
```

7.51.2.31 release_durations()

```
briar::BriarDurations * briar::DatabaseCreateReply::release_durations () [inline]
```

7.51.2.32 `release_errors()`

```
briar::BriarErrors * briar::DatabaseCreateReply::release_errors ( ) [inline]
```

7.51.2.33 `release_ids()`

```
briar::TemplateIds * briar::DatabaseCreateReply::release_ids ( ) [inline]
```

7.51.2.34 `SerializeWithCachedSizes()`

```
void briar::DatabaseCreateReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.51.2.35 `set_allocated_durations()`

```
void briar::DatabaseCreateReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.51.2.36 `set_allocated_errors()`

```
void briar::DatabaseCreateReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.51.2.37 `set_allocated_ids()`

```
void briar::DatabaseCreateReply::set_allocated_ids (
    ::briar::TemplateIds * ids ) [inline]
```

7.51.2.38 `Swap()`

```
void briar::DatabaseCreateReply::Swap (
    DatabaseCreateReply * other )
```

7.51.3 Friends And Related Function Documentation

7.51.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.51.3.2 swap

```
void swap (
    DatabaseCreateReply & a,
    DatabaseCreateReply & b ) [friend]
```

7.51.4 Member Data Documentation

7.51.4.1 kDurationsFieldNumber

```
const int briar::DatabaseCreateReply::kDurationsFieldNumber = 2 [static]
```

7.51.4.2 kErrorsFieldNumber

```
const int briar::DatabaseCreateReply::kErrorsFieldNumber = 3 [static]
```

7.51.4.3 kIdsFieldNumber

```
const int briar::DatabaseCreateReply::kIdsFieldNumber = 1 [static]
```

7.51.4.4 kIndexInFileMessages

```
constexpr int briar::DatabaseCreateReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 10
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.52 briar::DatabaseCreateReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseCreateReply](#) > `_instance`

7.52.1 Member Data Documentation

7.52.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed<DatabaseCreateReply> briar::DatabaseCreateReplyDefaultTypeInternal::_instance`

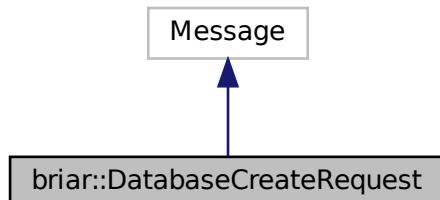
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

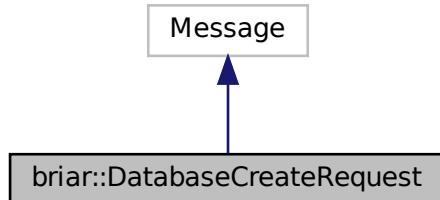
7.53 briar::DatabaseCreateRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseCreateRequest:



Collaboration diagram for briar::DatabaseCreateRequest:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_database_name ()`
- void `clear_durations ()`
- void `clear_ids ()`
- void `clear_tmpls ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const DatabaseCreateRequest &from)`
- const ::std::string & `database_name () const`
- `DatabaseCreateRequest ()`
- `DatabaseCreateRequest (const DatabaseCreateRequest &from)`
- const ::briar::BriarDurations & `durations () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_durations () const`
- bool `has_ids () const`
- bool `has_tmpls () const`
- const ::briar::TemplateIds & `ids () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const DatabaseCreateRequest &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::std::string * `mutable_database_name ()`
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::TemplateIds * `mutable_ids ()`
- ::briar::TemplateList * `mutable_tmpls ()`
- `DatabaseCreateRequest * New () const final`
- `DatabaseCreateRequest * New (::google::protobuf::Arena *arena) const final`
- `DatabaseCreateRequest & operator= (const DatabaseCreateRequest &from)`
- ::std::string * `release_database_name ()`
- ::briar::BriarDurations * `release_durations ()`
- ::briar::TemplateIds * `release_ids ()`
- ::briar::TemplateList * `release_tmpls ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_database_name (::std::string *database_name)`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_ids (::briar::TemplateIds *ids)`
- void `set_allocated_tmpls (::briar::TemplateList *tmpls)`
- void `set_database_name (const ::std::string &value)`
- void `set_database_name (const char *value)`
- void `set_database_name (const char *value, size_t size)`
- void `Swap (DatabaseCreateRequest *other)`
- const ::briar::TemplateList & `tmpls () const`
- virtual `~DatabaseCreateRequest ()`

Static Public Member Functions

- static const `DatabaseCreateRequest & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseCreateRequest * internal_default_instance ()`

Static Public Attributes

- static const int `kDatabaseNameFieldNumber` = 1
- static const int `kDurationsFieldNumber` = 4
- static const int `kIdsFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`
- static const int `kTmplsFieldNumber` = 2

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap` (`DatabaseCreateRequest &a`, `DatabaseCreateRequest &b`)

7.53.1 Constructor & Destructor Documentation

7.53.1.1 DatabaseCreateRequest() [1/2]

```
briar::DatabaseCreateRequest::DatabaseCreateRequest ( )
```

7.53.1.2 ~DatabaseCreateRequest()

```
briar::DatabaseCreateRequest::~DatabaseCreateRequest ( ) [virtual]
```

7.53.1.3 DatabaseCreateRequest() [2/2]

```
briar::DatabaseCreateRequest::DatabaseCreateRequest ( 
    const DatabaseCreateRequest & from )
```

7.53.2 Member Function Documentation

7.53.2.1 ByteSizeLong()

```
size_t briar::DatabaseCreateRequest::ByteSizeLong ( ) const [final]
```

7.53.2.2 Clear()

```
void briar::DatabaseCreateRequest::Clear ( ) [final]
```

7.53.2.3 clear_database_name()

```
void briar::DatabaseCreateRequest::clear_database_name ( ) [inline]
```

7.53.2.4 clear_durations()

```
void briar::DatabaseCreateRequest::clear_durations ( )
```

7.53.2.5 clear_ids()

```
void briar::DatabaseCreateRequest::clear_ids ( )
```

7.53.2.6 clear_tmpls()

```
void briar::DatabaseCreateRequest::clear_tmpls ( )
```

7.53.2.7 CopyFrom() [1/2]

```
void briar::DatabaseCreateRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.53.2.8 CopyFrom() [2/2]

```
void briar::DatabaseCreateRequest::CopyFrom (
    const DatabaseCreateRequest & from )
```

7.53.2.9 database_name()

```
const ::std::string & briar::DatabaseCreateRequest::database_name ( ) const [inline]
```

7.53.2.10 default_instance()

```
const DatabaseCreateRequest & briar::DatabaseCreateRequest::default_instance ( ) [static]
```

7.53.2.11 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseCreateRequest::descriptor ( ) [static]
```

7.53.2.12 durations()

```
const ::briar::BriarDurations & briar::DatabaseCreateRequest::durations ( ) const [inline]
```

7.53.2.13 GetCachedSize()

```
int briar::DatabaseCreateRequest::GetCachedSize ( ) const [inline], [final]
```

7.53.2.14 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseCreateRequest::GetMetadata ( ) const [final]
```

7.53.2.15 has_durations()

```
bool briar::DatabaseCreateRequest::has_durations ( ) const [inline]
```

7.53.2.16 has_ids()

```
bool briar::DatabaseCreateRequest::has_ids ( ) const [inline]
```

7.53.2.17 has_tmpls()

```
bool briar::DatabaseCreateRequest::has_tmpls () const [inline]
```

7.53.2.18 ids()

```
const ::briar::TemplateIds & briar::DatabaseCreateRequest::ids () const [inline]
```

7.53.2.19 InitAsDefaultInstance()

```
void briar::DatabaseCreateRequest::InitAsDefaultInstance () [static]
```

7.53.2.20 internal_default_instance()

```
static const DatabaseCreateRequest* briar::DatabaseCreateRequest::internal_default_instance () [inline], [static]
```

7.53.2.21 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseCreateRequest::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.53.2.22 IsInitialized()

```
bool briar::DatabaseCreateRequest::IsInitialized () const [final]
```

7.53.2.23 MergeFrom() [1/2]

```
void briar::DatabaseCreateRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.53.2.24 MergeFrom() [2/2]

```
void briar::DatabaseCreateRequest::MergeFrom (
    const DatabaseCreateRequest & from )
```

7.53.2.25 MergePartialFromCodedStream()

```
bool briar::DatabaseCreateRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.53.2.26 mutable_database_name()

```
std::string * briar::DatabaseCreateRequest::mutable_database_name () [inline]
```

7.53.2.27 mutable_durations()

```
briar::BriarDurations * briar::DatabaseCreateRequest::mutable_durations () [inline]
```

7.53.2.28 mutable_ids()

```
briar::TemplateIds * briar::DatabaseCreateRequest::mutable_ids () [inline]
```

7.53.2.29 mutable_tmpls()

```
briar::TemplateList * briar::DatabaseCreateRequest::mutable_tmpls () [inline]
```

7.53.2.30 New() [1/2]

```
DatabaseCreateRequest* briar::DatabaseCreateRequest::New () const [inline], [final]
```

7.53.2.31 New() [2/2]

```
DatabaseCreateRequest* briar::DatabaseCreateRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.53.2.32 operator=(*)

```
DatabaseCreateRequest& briar::DatabaseCreateRequest::operator= (
    const DatabaseCreateRequest & from ) [inline]
```

7.53.2.33 release_database_name()

```
std::string * briar::DatabaseCreateRequest::release_database_name ( ) [inline]
```

7.53.2.34 release_durations()

```
briar::BriarDurations * briar::DatabaseCreateRequest::release_durations ( ) [inline]
```

7.53.2.35 release_ids()

```
briar::TemplateIds * briar::DatabaseCreateRequest::release_ids ( ) [inline]
```

7.53.2.36 release_tmpls()

```
briar::TemplateList * briar::DatabaseCreateRequest::release_tmpls ( ) [inline]
```

7.53.2.37 SerializeWithCachedSizes()

```
void briar::DatabaseCreateRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.53.2.38 set_allocated_database_name()

```
void briar::DatabaseCreateRequest::set_allocated_database_name (
    ::std::string * database_name ) [inline]
```

7.53.2.39 set_allocated_durations()

```
void briar::DatabaseCreateRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.53.2.40 set_allocated_ids()

```
void briar::DatabaseCreateRequest::set_allocated_ids (
    ::briar::TemplateIds * ids ) [inline]
```

7.53.2.41 set_allocated_tmpls()

```
void briar::DatabaseCreateRequest::set_allocated_tmpls (
    ::briar::TemplateList * tmpls ) [inline]
```

7.53.2.42 set_database_name() [1/3]

```
void briar::DatabaseCreateRequest::set_database_name (
    const ::std::string & value ) [inline]
```

7.53.2.43 set_database_name() [2/3]

```
void briar::DatabaseCreateRequest::set_database_name (
    const char * value ) [inline]
```

7.53.2.44 set_database_name() [3/3]

```
void briar::DatabaseCreateRequest::set_database_name (
    const char * value,
    size_t size ) [inline]
```

7.53.2.45 Swap()

```
void briar::DatabaseCreateRequest::Swap (
    DatabaseCreateRequest * other )
```

7.53.2.46 tmpls()

```
const ::briar::TemplateList & briar::DatabaseCreateRequest::tmpls () const [inline]
```

7.53.3 Friends And Related Function Documentation

7.53.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.53.3.2 swap

```
void swap (
    DatabaseCreateRequest & a,
    DatabaseCreateRequest & b ) [friend]
```

7.53.4 Member Data Documentation

7.53.4.1 kDatabaseNameFieldNumber

```
const int briar::DatabaseCreateRequest::kDatabaseNameFieldNumber = 1 [static]
```

7.53.4.2 kDurationsFieldNumber

```
const int briar::DatabaseCreateRequest::kDurationsFieldNumber = 4 [static]
```

7.53.4.3 kIdsFieldNumber

```
const int briar::DatabaseCreateRequest::kIdsFieldNumber = 3 [static]
```

7.53.4.4 kIndexInFileMessages

```
constexpr int briar::DatabaseCreateRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
=  
9
```

7.53.4.5 kTmplsFieldNumber

```
const int briar::DatabaseCreateRequest::kTmplsFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.54 briar::DatabaseCreateRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseCreateRequest](#) > _instance

7.54.1 Member Data Documentation

7.54.1.1 _instance

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseCreateRequest> briar::Database←  
CreateRequestDefaultTypeInternal::_instance
```

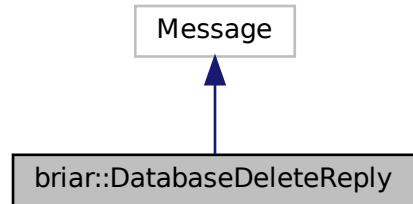
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

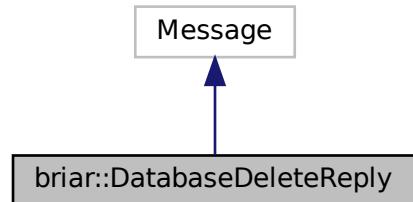
7.55 briar::DatabaseDeleteReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseDeleteReply:



Collaboration diagram for briar::DatabaseDeleteReply:



Public Member Functions

- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [clear_durations \(\)](#)
- void [clear_entry_count \(\)](#)
- void [clear_errors \(\)](#)
- void [clear_exists \(\)](#)
- void [CopyFrom \(const ::google::protobuf::Message &from\) final](#)
- void [CopyFrom \(const DatabaseDeleteReply &from\)](#)
- [DatabaseDeleteReply \(\)](#)
- [DatabaseDeleteReply \(const DatabaseDeleteReply &from\)](#)
- const ::briar::BriarDurations & [durations \(\) const](#)
- ::google::protobuf::int64 [entry_count \(\) const](#)
- const ::briar::BriarErrors & [errors \(\) const](#)
- bool [exists \(\) const](#)

- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_durations () const`
- bool `has_errors () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized () const final`
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `DatabaseDeleteReply` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::BriarErrors * `mutable_errors ()`
- `DatabaseDeleteReply` * `New () const final`
- `DatabaseDeleteReply` * `New` (::google::protobuf::Arena *arena) const final
- `DatabaseDeleteReply` & `operator=` (const `DatabaseDeleteReply` &from)
- ::briar::BriarDurations * `release_durations ()`
- ::briar::BriarErrors * `release_errors ()`
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_allocated_durations` (::briar::BriarDurations *durations)
- void `set_allocated_errors` (::briar::BriarErrors *errors)
- void `set_entry_count` (::google::protobuf::int64 value)
- void `set_exists` (bool value)
- void `Swap` (`DatabaseDeleteReply` *other)
- virtual ~`DatabaseDeleteReply` ()

Static Public Member Functions

- static const `DatabaseDeleteReply` & `default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseDeleteReply` * `internal_default_instance ()`

Static Public Attributes

- static const int `kDurationsFieldNumber` = 1
- static const int `kEntryCountFieldNumber` = 2
- static const int `kErrorsFieldNumber` = 3
- static const int `kExistsFieldNumber` = 4
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void `swap` (`DatabaseDeleteReply` &a, `DatabaseDeleteReply` &b)

7.55.1 Constructor & Destructor Documentation

7.55.1.1 DatabaseDeleteReply() [1/2]

```
briar::DatabaseDeleteReply::DatabaseDeleteReply ( )
```

7.55.1.2 ~DatabaseDeleteReply()

```
briar::DatabaseDeleteReply::~DatabaseDeleteReply ( ) [virtual]
```

7.55.1.3 DatabaseDeleteReply() [2/2]

```
briar::DatabaseDeleteReply::DatabaseDeleteReply ( const DatabaseDeleteReply & from )
```

7.55.2 Member Function Documentation**7.55.2.1 ByteSizeLong()**

```
size_t briar::DatabaseDeleteReply::ByteSizeLong ( ) const [final]
```

7.55.2.2 Clear()

```
void briar::DatabaseDeleteReply::Clear ( ) [final]
```

7.55.2.3 clear_durations()

```
void briar::DatabaseDeleteReply::clear_durations ( )
```

7.55.2.4 clear_entry_count()

```
void briar::DatabaseDeleteReply::clear_entry_count ( ) [inline]
```

7.55.2.5 clear_errors()

```
void briar::DatabaseDeleteReply::clear_errors ( )
```

7.55.2.6 clear_exists()

```
void briar::DatabaseDeleteReply::clear_exists ( ) [inline]
```

7.55.2.7 CopyFrom() [1/2]

```
void briar::DatabaseDeleteReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.55.2.8 CopyFrom() [2/2]

```
void briar::DatabaseDeleteReply::CopyFrom (
    const DatabaseDeleteReply & from )
```

7.55.2.9 default_instance()

```
const DatabaseDeleteReply & briar::DatabaseDeleteReply::default_instance ( ) [static]
```

7.55.2.10 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseDeleteReply::descriptor ( ) [static]
```

7.55.2.11 durations()

```
const ::briar::BriarDurations & briar::DatabaseDeleteReply::durations ( ) const [inline]
```

7.55.2.12 entry_count()

```
google::protobuf::int64 briar::DatabaseDeleteReply::entry_count () const [inline]
```

7.55.2.13 errors()

```
const ::briar::BriarErrors & briar::DatabaseDeleteReply::errors () const [inline]
```

7.55.2.14 exists()

```
bool briar::DatabaseDeleteReply::exists () const [inline]
```

7.55.2.15 GetCachedSize()

```
int briar::DatabaseDeleteReply::GetCachedSize () const [inline], [final]
```

7.55.2.16 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseDeleteReply::GetMetadata () const [final]
```

7.55.2.17 has_durations()

```
bool briar::DatabaseDeleteReply::has_durations () const [inline]
```

7.55.2.18 has_errors()

```
bool briar::DatabaseDeleteReply::has_errors () const [inline]
```

7.55.2.19 InitAsDefaultInstance()

```
void briar::DatabaseDeleteReply::InitAsDefaultInstance () [static]
```

7.55.2.20 internal_default_instance()

```
static const DatabaseDeleteReply* briar::DatabaseDeleteReply::internal_default_instance ( )  
[inline], [static]
```

7.55.2.21 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseDeleteReply::InternalSerializeWithCachedSizesToArray  
(  
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.55.2.22 IsInitialized()

```
bool briar::DatabaseDeleteReply::IsInitialized ( ) const [final]
```

7.55.2.23 MergeFrom() [1/2]

```
void briar::DatabaseDeleteReply::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.55.2.24 MergeFrom() [2/2]

```
void briar::DatabaseDeleteReply::MergeFrom (   
    const DatabaseDeleteReply & from )
```

7.55.2.25 MergePartialFromCodedStream()

```
bool briar::DatabaseDeleteReply::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.55.2.26 mutable_durations()

```
briar::BriarDurations * briar::DatabaseDeleteReply::mutable_durations ( ) [inline]
```

7.55.2.27 mutable_errors()

```
briar::BriarErrors * briar::DatabaseDeleteReply::mutable_errors ( ) [inline]
```

7.55.2.28 New() [1/2]

```
DatabaseDeleteReply* briar::DatabaseDeleteReply::New ( ) const [inline], [final]
```

7.55.2.29 New() [2/2]

```
DatabaseDeleteReply* briar::DatabaseDeleteReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.55.2.30 operator=()

```
DatabaseDeleteReply& briar::DatabaseDeleteReply::operator= ( const DatabaseDeleteReply & from ) [inline]
```

7.55.2.31 release_durations()

```
briar::BriarDurations * briar::DatabaseDeleteReply::release_durations ( ) [inline]
```

7.55.2.32 release_errors()

```
briar::BriarErrors * briar::DatabaseDeleteReply::release_errors ( ) [inline]
```

7.55.2.33 SerializeWithCachedSizes()

```
void briar::DatabaseDeleteReply::SerializeWithCachedSizes ( ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.55.2.34 `set_allocated_durations()`

```
void briar::DatabaseDeleteReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.55.2.35 `set_allocated_errors()`

```
void briar::DatabaseDeleteReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.55.2.36 `set_entry_count()`

```
void briar::DatabaseDeleteReply::set_entry_count (
    ::google::protobuf::int64 value ) [inline]
```

7.55.2.37 `set_exists()`

```
void briar::DatabaseDeleteReply::set_exists (
    bool value ) [inline]
```

7.55.2.38 `Swap()`

```
void briar::DatabaseDeleteReply::Swap (
    DatabaseDeleteReply * other )
```

7.55.3 Friends And Related Function Documentation

7.55.3.1 `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.55.3.2 swap

```
void swap (
    DatabaseDeleteReply & a,
    DatabaseDeleteReply & b ) [friend]
```

7.55.4 Member Data Documentation

7.55.4.1 kDurationsFieldNumber

```
const int briar::DatabaseDeleteReply::kDurationsFieldNumber = 1 [static]
```

7.55.4.2 kEntryCountFieldNumber

```
const int briar::DatabaseDeleteReply::kEntryCountFieldNumber = 2 [static]
```

7.55.4.3 kErrorsFieldNumber

```
const int briar::DatabaseDeleteReply::kErrorsFieldNumber = 3 [static]
```

7.55.4.4 kExistsFieldNumber

```
const int briar::DatabaseDeleteReply::kExistsFieldNumber = 4 [static]
```

7.55.4.5 kIndexInFileMessages

```
constexpr int briar::DatabaseDeleteReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
=  
20
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.56 briar::DatabaseDeleteReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseDeleteReply](#) > `_instance`

7.56.1 Member Data Documentation

7.56.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseDeleteReply> briar::DatabaseDeleteReplyDefaultTypeInternal::_instance
```

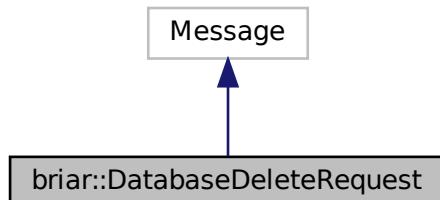
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

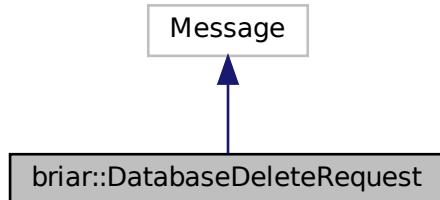
7.57 briar::DatabaseDeleteRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseDeleteRequest:



Collaboration diagram for briar::DatabaseDeleteRequest:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_database ()`
- void `clear_durations ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const DatabaseDeleteRequest &from)`
- const ::briar::BriarDatabase & `database () const`
- `DatabaseDeleteRequest ()`
- `DatabaseDeleteRequest (const DatabaseDeleteRequest &from)`
- const ::briar::BriarDurations & `durations () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_database () const`
- bool `has_durations () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const DatabaseDeleteRequest &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::briar::BriarDatabase * `mutable_database ()`
- ::briar::BriarDurations * `mutable_durations ()`
- `DatabaseDeleteRequest * New () const final`
- `DatabaseDeleteRequest * New (::google::protobuf::Arena *arena) const final`
- `DatabaseDeleteRequest & operator= (const DatabaseDeleteRequest &from)`
- ::briar::BriarDatabase * `release_database ()`
- ::briar::BriarDurations * `release_durations ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_database (::briar::BriarDatabase *database)`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `Swap (DatabaseDeleteRequest *other)`
- virtual ~`DatabaseDeleteRequest ()`

Static Public Member Functions

- static const `DatabaseDeleteRequest & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseDeleteRequest * internal_default_instance ()`

Static Public Attributes

- static const int `kDatabaseFieldNumber = 1`
- static const int `kDurationsFieldNumber = 2`
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void `swap (DatabaseDeleteRequest &a, DatabaseDeleteRequest &b)`

7.57.1 Constructor & Destructor Documentation

7.57.1.1 DatabaseDeleteRequest() [1/2]

```
briar::DatabaseDeleteRequest::DatabaseDeleteRequest ( )
```

7.57.1.2 ~DatabaseDeleteRequest()

```
briar::DatabaseDeleteRequest::~DatabaseDeleteRequest ( ) [virtual]
```

7.57.1.3 DatabaseDeleteRequest() [2/2]

```
briar::DatabaseDeleteRequest::DatabaseDeleteRequest ( const DatabaseDeleteRequest & from )
```

7.57.2 Member Function Documentation

7.57.2.1 ByteSizeLong()

```
size_t briar::DatabaseDeleteRequest::ByteSizeLong ( ) const [final]
```

7.57.2.2 Clear()

```
void briar::DatabaseDeleteRequest::Clear ( ) [final]
```

7.57.2.3 clear_database()

```
void briar::DatabaseDeleteRequest::clear_database ( )
```

7.57.2.4 clear_durations()

```
void briar::DatabaseDeleteRequest::clear_durations ( )
```

7.57.2.5 CopyFrom() [1/2]

```
void briar::DatabaseDeleteRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.57.2.6 CopyFrom() [2/2]

```
void briar::DatabaseDeleteRequest::CopyFrom (
    const DatabaseDeleteRequest & from )
```

7.57.2.7 database()

```
const ::briar::BriarDatabase & briar::DatabaseDeleteRequest::database ( ) const [inline]
```

7.57.2.8 default_instance()

```
const DatabaseDeleteRequest & briar::DatabaseDeleteRequest::default_instance ( ) [static]
```

7.57.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseDeleteRequest::descriptor ( ) [static]
```

7.57.2.10 durations()

```
const ::briar::BriarDurations & briar::DatabaseDeleteRequest::durations ( ) const [inline]
```

7.57.2.11 GetCachedSize()

```
int briar::DatabaseDeleteRequest::GetCachedSize ( ) const [inline], [final]
```

7.57.2.12 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseDeleteRequest::GetMetadata ( ) const [final]
```

7.57.2.13 has_database()

```
bool briar::DatabaseDeleteRequest::has_database ( ) const [inline]
```

7.57.2.14 has_durations()

```
bool briar::DatabaseDeleteRequest::has_durations ( ) const [inline]
```

7.57.2.15 InitAsDefaultInstance()

```
void briar::DatabaseDeleteRequest::InitAsDefaultInstance ( ) [static]
```

7.57.2.16 internal_default_instance()

```
static const DatabaseDeleteRequest* briar::DatabaseDeleteRequest::internal_default_instance ( ) [inline], [static]
```

7.57.2.17 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseDeleteRequest::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.57.2.18 IsInitialized()

```
bool briar::DatabaseDeleteRequest::IsInitialized ( ) const [final]
```

7.57.2.19 MergeFrom() [1/2]

```
void briar::DatabaseDeleteRequest::MergeFrom (
    const ::google::protobuf::Message & from) [final]
```

7.57.2.20 MergeFrom() [2/2]

```
void briar::DatabaseDeleteRequest::MergeFrom (
    const DatabaseDeleteRequest & from)
```

7.57.2.21 MergePartialFromCodedStream()

```
bool briar::DatabaseDeleteRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input) [final]
```

7.57.2.22 mutable_database()

```
briar::BriarDatabase * briar::DatabaseDeleteRequest::mutable_database ( ) [inline]
```

7.57.2.23 mutable_durations()

```
briar::BriarDurations * briar::DatabaseDeleteRequest::mutable_durations ( ) [inline]
```

7.57.2.24 New() [1/2]

```
DatabaseDeleteRequest* briar::DatabaseDeleteRequest::New ( ) const [inline], [final]
```

7.57.2.25 New() [2/2]

```
DatabaseDeleteRequest* briar::DatabaseDeleteRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.57.2.26 operator=()

```
DatabaseDeleteRequest& briar::DatabaseDeleteRequest::operator= (
    const DatabaseDeleteRequest & from ) [inline]
```

7.57.2.27 release_database()

```
briar::BriarDatabase * briar::DatabaseDeleteRequest::release_database () [inline]
```

7.57.2.28 release_durations()

```
briar::BriarDurations * briar::DatabaseDeleteRequest::release_durations () [inline]
```

7.57.2.29 SerializeWithCachedSizes()

```
void briar::DatabaseDeleteRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.57.2.30 set_allocated_database()

```
void briar::DatabaseDeleteRequest::set_allocated_database (
    ::briar::BriarDatabase * database ) [inline]
```

7.57.2.31 set_allocated_durations()

```
void briar::DatabaseDeleteRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.57.2.32 Swap()

```
void briar::DatabaseDeleteRequest::Swap (
    DatabaseDeleteRequest * other )
```

7.57.3 Friends And Related Function Documentation

7.57.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.57.3.2 swap

```
void swap (
    DatabaseDeleteRequest & a,
    DatabaseDeleteRequest & b ) [friend]
```

7.57.4 Member Data Documentation

7.57.4.1 kDatabaseFieldNumber

```
const int briar::DatabaseDeleteRequest::kDatabaseFieldNumber = 1 [static]
```

7.57.4.2 kDurationsFieldNumber

```
const int briar::DatabaseDeleteRequest::kDurationsFieldNumber = 2 [static]
```

7.57.4.3 kIndexInFileMessages

```
constexpr int briar::DatabaseDeleteRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 19
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.58 briar::DatabaseDeleteRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseDeleteRequest](#) > `_instance`

7.58.1 Member Data Documentation

7.58.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseDeleteRequest> briar::DatabaseDeleteRequestDefaultTypeInternal::_instance
```

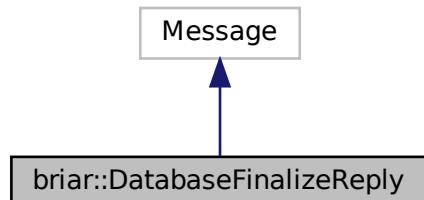
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

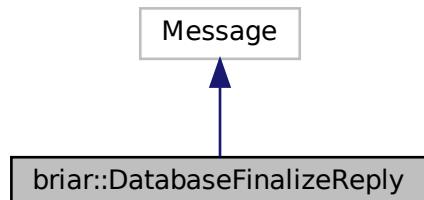
7.59 briar::DatabaseFinalizeReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseFinalizeReply:



Collaboration diagram for briar::DatabaseFinalizeReply:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_durations ()`
- void `clear_errors ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const DatabaseFinalizeReply &from)`
- `DatabaseFinalizeReply ()`
- `DatabaseFinalizeReply (const DatabaseFinalizeReply &from)`
- const `::briar::BriarDurations & durations () const`
- const `::briar::BriarErrors & errors () const`
- int `GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- bool `has_durations () const`
- bool `has_errors () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const DatabaseFinalizeReply &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::BriarDurations * mutable_durations ()`
- `::briar::BriarErrors * mutable_errors ()`
- `DatabaseFinalizeReply * New () const final`
- `DatabaseFinalizeReply * New (::google::protobuf::Arena *arena) const final`
- `DatabaseFinalizeReply & operator= (const DatabaseFinalizeReply &from)`
- `::briar::BriarDurations * release_durations ()`
- `::briar::BriarErrors * release_errors ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_errors (::briar::BriarErrors *errors)`
- void `Swap (DatabaseFinalizeReply *other)`
- virtual `~DatabaseFinalizeReply ()`

Static Public Member Functions

- static const `DatabaseFinalizeReply & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseFinalizeReply * internal_default_instance ()`

Static Public Attributes

- static const int `kDurationsFieldNumber = 1`
- static const int `kErrorsFieldNumber = 2`
- static constexpr int `kIndexInFileMessages`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap (DatabaseFinalizeReply &a, DatabaseFinalizeReply &b)`

7.59.1 Constructor & Destructor Documentation

7.59.1.1 DatabaseFinalizeReply() [1/2]

```
briar::DatabaseFinalizeReply::DatabaseFinalizeReply ( )
```

7.59.1.2 ~DatabaseFinalizeReply()

```
briar::DatabaseFinalizeReply::~DatabaseFinalizeReply ( ) [virtual]
```

7.59.1.3 DatabaseFinalizeReply() [2/2]

```
briar::DatabaseFinalizeReply::DatabaseFinalizeReply ( const DatabaseFinalizeReply & from )
```

7.59.2 Member Function Documentation

7.59.2.1 ByteSizeLong()

```
size_t briar::DatabaseFinalizeReply::ByteSizeLong ( ) const [final]
```

7.59.2.2 Clear()

```
void briar::DatabaseFinalizeReply::Clear ( ) [final]
```

7.59.2.3 clear_durations()

```
void briar::DatabaseFinalizeReply::clear_durations ( )
```

7.59.2.4 clear_errors()

```
void briar::DatabaseFinalizeReply::clear_errors ( )
```

7.59.2.5 CopyFrom() [1/2]

```
void briar::DatabaseFinalizeReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.59.2.6 CopyFrom() [2/2]

```
void briar::DatabaseFinalizeReply::CopyFrom (
    const DatabaseFinalizeReply & from )
```

7.59.2.7 default_instance()

```
const DatabaseFinalizeReply & briar::DatabaseFinalizeReply::default_instance ( ) [static]
```

7.59.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseFinalizeReply::descriptor ( ) [static]
```

7.59.2.9 durations()

```
const ::briar::BriarDurations & briar::DatabaseFinalizeReply::durations ( ) const [inline]
```

7.59.2.10 errors()

```
const ::briar::BriarErrors & briar::DatabaseFinalizeReply::errors ( ) const [inline]
```

7.59.2.11 GetCachedSize()

```
int briar::DatabaseFinalizeReply::GetCachedSize ( ) const [inline], [final]
```

7.59.2.12 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseFinalizeReply::GetMetadata ( ) const [final]
```

7.59.2.13 has_durations()

```
bool briar::DatabaseFinalizeReply::has_durations ( ) const [inline]
```

7.59.2.14 has_errors()

```
bool briar::DatabaseFinalizeReply::has_errors ( ) const [inline]
```

7.59.2.15 InitAsDefaultInstance()

```
void briar::DatabaseFinalizeReply::InitAsDefaultInstance ( ) [static]
```

7.59.2.16 internal_default_instance()

```
static const DatabaseFinalizeReply* briar::DatabaseFinalizeReply::internal_default_instance ( ) [inline], [static]
```

7.59.2.17 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseFinalizeReply::InternalSerializeWithCachedSizesTo←  
Array ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.59.2.18 IsInitialized()

```
bool briar::DatabaseFinalizeReply::IsInitialized ( ) const [final]
```

7.59.2.19 MergeFrom() [1/2]

```
void briar::DatabaseFinalizeReply::MergeFrom (
    const ::google::protobuf::Message & from) [final]
```

7.59.2.20 MergeFrom() [2/2]

```
void briar::DatabaseFinalizeReply::MergeFrom (
    const DatabaseFinalizeReply & from)
```

7.59.2.21 MergePartialFromCodedStream()

```
bool briar::DatabaseFinalizeReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input) [final]
```

7.59.2.22 mutable_durations()

```
briar::BriarDurations * briar::DatabaseFinalizeReply::mutable_durations ( ) [inline]
```

7.59.2.23 mutable_errors()

```
briar::BriarErrors * briar::DatabaseFinalizeReply::mutable_errors ( ) [inline]
```

7.59.2.24 New() [1/2]

```
DatabaseFinalizeReply* briar::DatabaseFinalizeReply::New ( ) const [inline], [final]
```

7.59.2.25 New() [2/2]

```
DatabaseFinalizeReply* briar::DatabaseFinalizeReply::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.59.2.26 operator=()

```
DatabaseFinalizeReply& briar::DatabaseFinalizeReply::operator= (
    const DatabaseFinalizeReply & from ) [inline]
```

7.59.2.27 release_durations()

```
briar::BriarDurations * briar::DatabaseFinalizeReply::release_durations () [inline]
```

7.59.2.28 release_errors()

```
briar::BriarErrors * briar::DatabaseFinalizeReply::release_errors () [inline]
```

7.59.2.29 SerializeWithCachedSizes()

```
void briar::DatabaseFinalizeReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.59.2.30 set_allocated_durations()

```
void briar::DatabaseFinalizeReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.59.2.31 set_allocated_errors()

```
void briar::DatabaseFinalizeReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.59.2.32 Swap()

```
void briar::DatabaseFinalizeReply::Swap (
    DatabaseFinalizeReply * other )
```

7.59.3 Friends And Related Function Documentation

7.59.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.59.3.2 swap

```
void swap (
    DatabaseFinalizeReply & a,
    DatabaseFinalizeReply & b ) [friend]
```

7.59.4 Member Data Documentation

7.59.4.1 kDurationsFieldNumber

```
const int briar::DatabaseFinalizeReply::kDurationsFieldNumber = 1 [static]
```

7.59.4.2 kErrorsFieldNumber

```
const int briar::DatabaseFinalizeReply::kErrorsFieldNumber = 2 [static]
```

7.59.4.3 kIndexInFileMessages

```
constexpr int briar::DatabaseFinalizeReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 42
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.60 briar::DatabaseFinalizeReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseFinalizeReply](#) > `_instance`

7.60.1 Member Data Documentation

7.60.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseFinalizeReply> briar::DatabaseFinalizeReplyDefaultTypeInternal::_instance
```

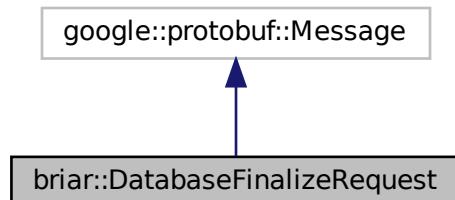
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

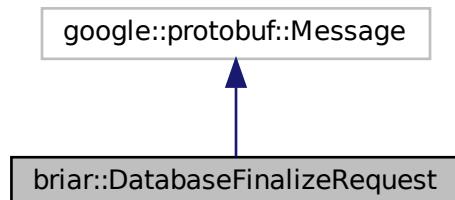
7.61 briar::DatabaseFinalizeRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseFinalizeRequest:



Collaboration diagram for briar::DatabaseFinalizeRequest:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_database ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const DatabaseFinalizeRequest &from)`
- const ::briar::BriarDatabase & `database () const`
- `DatabaseFinalizeRequest ()`
- `DatabaseFinalizeRequest (const DatabaseFinalizeRequest &from)`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_database () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const DatabaseFinalizeRequest &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::briar::BriarDatabase * `mutable_database ()`
- `DatabaseFinalizeRequest * New () const final`
- `DatabaseFinalizeRequest * New (::google::protobuf::Arena *arena) const final`
- `DatabaseFinalizeRequest & operator= (const DatabaseFinalizeRequest &from)`
- ::briar::BriarDatabase * `release_database ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_database (::briar::BriarDatabase *database)`
- void `Swap (DatabaseFinalizeRequest *other)`
- virtual ~`DatabaseFinalizeRequest ()`

Static Public Member Functions

- static const `DatabaseFinalizeRequest & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseFinalizeRequest * internal_default_instance ()`

Static Public Attributes

- static const int `kDatabaseFieldNumber = 1`
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void `swap (DatabaseFinalizeRequest &a, DatabaseFinalizeRequest &b)`

7.61.1 Constructor & Destructor Documentation

7.61.1.1 DatabaseFinalizeRequest() [1/2]

```
briar::DatabaseFinalizeRequest::DatabaseFinalizeRequest ( )
```

7.61.1.2 ~DatabaseFinalizeRequest()

```
briar::DatabaseFinalizeRequest::~DatabaseFinalizeRequest ( ) [virtual]
```

7.61.1.3 DatabaseFinalizeRequest() [2/2]

```
briar::DatabaseFinalizeRequest::DatabaseFinalizeRequest ( const DatabaseFinalizeRequest & from )
```

7.61.2 Member Function Documentation

7.61.2.1 ByteSizeLong()

```
size_t briar::DatabaseFinalizeRequest::ByteSizeLong ( ) const [final]
```

7.61.2.2 Clear()

```
void briar::DatabaseFinalizeRequest::Clear ( ) [final]
```

7.61.2.3 clear_database()

```
void briar::DatabaseFinalizeRequest::clear_database ( )
```

7.61.2.4 CopyFrom() [1/2]

```
void briar::DatabaseFinalizeRequest::CopyFrom ( const ::google::protobuf::Message & from ) [final]
```

7.61.2.5 CopyFrom() [2/2]

```
void briar::DatabaseFinalizeRequest::CopyFrom (
    const DatabaseFinalizeRequest & from )
```

7.61.2.6 database()

```
const ::briar::BriarDatabase & briar::DatabaseFinalizeRequest::database () const [inline]
```

7.61.2.7 default_instance()

```
const DatabaseFinalizeRequest & briar::DatabaseFinalizeRequest::default_instance () [static]
```

7.61.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseFinalizeRequest::descriptor () [static]
```

7.61.2.9 GetCachedSize()

```
int briar::DatabaseFinalizeRequest::GetCachedSize () const [inline], [final]
```

7.61.2.10 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseFinalizeRequest::GetMetadata () const [final]
```

7.61.2.11 has_database()

```
bool briar::DatabaseFinalizeRequest::has_database () const [inline]
```

7.61.2.12 **InitAsDefaultInstance()**

```
void briar::DatabaseFinalizeRequest::InitAsDefaultInstance ( ) [static]
```

7.61.2.13 **internal_default_instance()**

```
static const DatabaseFinalizeRequest* briar::DatabaseFinalizeRequest::internal_default_←  
instance ( ) [inline], [static]
```

7.61.2.14 **InternalSerializeWithCachedSizesToArray()**

```
google::protobuf::uint8 * briar::DatabaseFinalizeRequest::InternalSerializeWithCachedSizesTo←  
Array (←  
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.61.2.15 **IsInitialized()**

```
bool briar::DatabaseFinalizeRequest::IsInitialized ( ) const [final]
```

7.61.2.16 **MergeFrom() [1/2]**

```
void briar::DatabaseFinalizeRequest::MergeFrom (←  
    const ::google::protobuf::Message & from ) [final]
```

7.61.2.17 **MergeFrom() [2/2]**

```
void briar::DatabaseFinalizeRequest::MergeFrom (←  
    const DatabaseFinalizeRequest & from )
```

7.61.2.18 **MergePartialFromCodedStream()**

```
bool briar::DatabaseFinalizeRequest::MergePartialFromCodedStream (←  
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.61.2.19 mutable_database()

```
briar::BriarDatabase * briar::DatabaseFinalizeRequest::mutable_database ( ) [inline]
```

7.61.2.20 New() [1/2]

```
DatabaseFinalizeRequest* briar::DatabaseFinalizeRequest::New ( ) const [inline], [final]
```

7.61.2.21 New() [2/2]

```
DatabaseFinalizeRequest* briar::DatabaseFinalizeRequest::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.61.2.22 operator=()

```
DatabaseFinalizeRequest& briar::DatabaseFinalizeRequest::operator= ( const DatabaseFinalizeRequest & from ) [inline]
```

7.61.2.23 release_database()

```
briar::BriarDatabase * briar::DatabaseFinalizeRequest::release_database ( ) [inline]
```

7.61.2.24 SerializeWithCachedSizes()

```
void briar::DatabaseFinalizeRequest::SerializeWithCachedSizes ( ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.61.2.25 set_allocated_database()

```
void briar::DatabaseFinalizeRequest::set_allocated_database ( ::briar::BriarDatabase * database ) [inline]
```

7.61.2.26 Swap()

```
void briar::DatabaseFinalizeRequest::Swap (
    DatabaseFinalizeRequest * other )
```

7.61.3 Friends And Related Function Documentation

7.61.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.61.3.2 swap

```
void swap (
    DatabaseFinalizeRequest & a,
    DatabaseFinalizeRequest & b ) [friend]
```

7.61.4 Member Data Documentation

7.61.4.1 kDatabaseFieldNumber

```
const int briar::DatabaseFinalizeRequest::kDatabaseFieldNumber = 1 [static]
```

7.61.4.2 kIndexInFileMessages

```
constexpr int briar::DatabaseFinalizeRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 41
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.62 briar::DatabaseFinalizeRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseFinalizeRequest](#) > `_instance`

7.62.1 Member Data Documentation

7.62.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseFinalizeRequest> briar::DatabaseFinalizeRequestDefaultTypeInternal::_instance
```

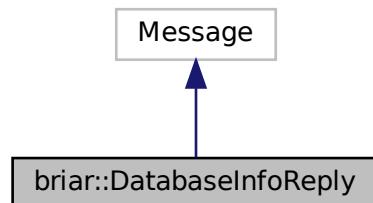
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

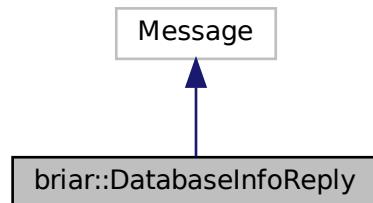
7.63 briar::DatabaseInfoReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseInfoReply:



Collaboration diagram for briar::DatabaseInfoReply:



Public Member Functions

- size_t `ByteSizeLong` () const final
- void `Clear` () final
- void `clear_duration` ()
- void `clear_exists` ()
- void `clear_info` ()
- void `CopyFrom` (const ::google::protobuf::Message &from) final
- void `CopyFrom` (const `DatabaseInfoReply` &from)
- `DatabaseInfoReply` ()
- `DatabaseInfoReply` (const `DatabaseInfoReply` &from)
- const ::briar::BriarDurations & `duration` () const
- bool `exists` () const
- int `GetCachedSize` () const final
- ::google::protobuf::Metadata `GetMetadata` () const final
- bool `has_duration` () const
- bool `has_info` () const
- const ::briar::BriarDatabaseInfo & `info` () const
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized` () const final
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `DatabaseInfoReply` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BriarDurations * `mutable_duration` ()
- ::briar::BriarDatabaseInfo * `mutable_info` ()
- `DatabaseInfoReply` * `New` () const final
- `DatabaseInfoReply` * `New` (::google::protobuf::Arena *arena) const final
- `DatabaseInfoReply` & `operator=` (const `DatabaseInfoReply` &from)
- ::briar::BriarDurations * `release_duration` ()
- ::briar::BriarDatabaseInfo * `release_info` ()
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_allocated_duration` (::briar::BriarDurations *duration)
- void `set_allocated_info` (::briar::BriarDatabaseInfo *info)
- void `set_exists` (bool value)
- void `Swap` (`DatabaseInfoReply` *other)
- virtual ~`DatabaseInfoReply` ()

Static Public Member Functions

- static const `DatabaseInfoReply` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `DatabaseInfoReply` * `internal_default_instance` ()

Static Public Attributes

- static const int `kDurationFieldNumber` = 2
- static const int `kExistsFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`
- static const int `kInfoFieldNumber` = 1

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void swap (DatabaseInfoReply &a, DatabaseInfoReply &b)

7.63.1 Constructor & Destructor Documentation

7.63.1.1 DatabaseInfoReply() [1/2]

```
briar::DatabaseInfoReply::DatabaseInfoReply ( )
```

7.63.1.2 ~DatabaseInfoReply()

```
briar::DatabaseInfoReply::~DatabaseInfoReply ( ) [virtual]
```

7.63.1.3 DatabaseInfoReply() [2/2]

```
briar::DatabaseInfoReply::DatabaseInfoReply ( 
    const DatabaseInfoReply & from )
```

7.63.2 Member Function Documentation

7.63.2.1 ByteSizeLong()

```
size_t briar::DatabaseInfoReply::ByteSizeLong ( ) const [final]
```

7.63.2.2 Clear()

```
void briar::DatabaseInfoReply::Clear ( ) [final]
```

7.63.2.3 `clear_duration()`

```
void briar::DatabaseInfoReply::clear_duration ( )
```

7.63.2.4 `clear_exists()`

```
void briar::DatabaseInfoReply::clear_exists ( ) [inline]
```

7.63.2.5 `clear_info()`

```
void briar::DatabaseInfoReply::clear_info ( )
```

7.63.2.6 `CopyFrom()` [1/2]

```
void briar::DatabaseInfoReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.63.2.7 `CopyFrom()` [2/2]

```
void briar::DatabaseInfoReply::CopyFrom (
    const DatabaseInfoReply & from )
```

7.63.2.8 `default_instance()`

```
const DatabaseInfoReply & briar::DatabaseInfoReply::default_instance ( ) [static]
```

7.63.2.9 `descriptor()`

```
const ::google::protobuf::Descriptor * briar::DatabaseInfoReply::descriptor ( ) [static]
```

7.63.2.10 duration()

```
const ::briar::BriarDurations & briar::DatabaseInfoReply::duration() const [inline]
```

7.63.2.11 exists()

```
bool briar::DatabaseInfoReply::exists() const [inline]
```

7.63.2.12 GetCachedSize()

```
int briar::DatabaseInfoReply::GetCachedSize() const [inline], [final]
```

7.63.2.13 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseInfoReply::GetMetadata() const [final]
```

7.63.2.14 has_duration()

```
bool briar::DatabaseInfoReply::has_duration() const [inline]
```

7.63.2.15 has_info()

```
bool briar::DatabaseInfoReply::has_info() const [inline]
```

7.63.2.16 info()

```
const ::briar::BriarDatabaseInfo & briar::DatabaseInfoReply::info() const [inline]
```

7.63.2.17 InitAsDefaultInstance()

```
void briar::DatabaseInfoReply::InitAsDefaultInstance() [static]
```

7.63.2.18 internal_default_instance()

```
static const DatabaseInfoReply* briar::DatabaseInfoReply::internal_default_instance ( ) [inline],  
[static]
```

7.63.2.19 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseInfoReply::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.63.2.20 IsInitialized()

```
bool briar::DatabaseInfoReply::IsInitialized ( ) const [final]
```

7.63.2.21 MergeFrom() [1/2]

```
void briar::DatabaseInfoReply::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.63.2.22 MergeFrom() [2/2]

```
void briar::DatabaseInfoReply::MergeFrom (   
    const DatabaseInfoReply & from )
```

7.63.2.23 MergePartialFromCodedStream()

```
bool briar::DatabaseInfoReply::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.63.2.24 mutable_duration()

```
briar::BriarDurations * briar::DatabaseInfoReply::mutable_duration ( ) [inline]
```

7.63.2.25 mutable_info()

```
briar::BriarDatabaseInfo * briar::DatabaseInfoReply::mutable_info ( ) [inline]
```

7.63.2.26 New() [1/2]

```
DatabaseInfoReply* briar::DatabaseInfoReply::New ( ) const [inline], [final]
```

7.63.2.27 New() [2/2]

```
DatabaseInfoReply* briar::DatabaseInfoReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.63.2.28 operator=(*)

```
DatabaseInfoReply& briar::DatabaseInfoReply::operator= ( const DatabaseInfoReply & from ) [inline]
```

7.63.2.29 release_duration()

```
briar::BriarDurations * briar::DatabaseInfoReply::release_duration ( ) [inline]
```

7.63.2.30 release_info()

```
briar::BriarDatabaseInfo * briar::DatabaseInfoReply::release_info ( ) [inline]
```

7.63.2.31 SerializeWithCachedSizes()

```
void briar::DatabaseInfoReply::SerializeWithCachedSizes ( ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.63.2.32 set_allocated_duration()

```
void briar::DatabaseInfoReply::set_allocated_duration (
    ::briar::BriarDurations * duration ) [inline]
```

7.63.2.33 set_allocated_info()

```
void briar::DatabaseInfoReply::set_allocated_info (
    ::briar::BriarDatabaseInfo * info ) [inline]
```

7.63.2.34 set_exists()

```
void briar::DatabaseInfoReply::set_exists (
    bool value ) [inline]
```

7.63.2.35 Swap()

```
void briar::DatabaseInfoReply::Swap (
    DatabaseInfoReply * other )
```

7.63.3 Friends And Related Function Documentation

7.63.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.63.3.2 swap

```
void swap (
    DatabaseInfoReply & a,
    DatabaseInfoReply & b ) [friend]
```

7.63.4 Member Data Documentation

7.63.4.1 kDurationFieldNumber

```
const int briar::DatabaseInfoReply::kDurationFieldNumber = 2 [static]
```

7.63.4.2 kExistsFieldNumber

```
const int briar::DatabaseInfoReply::kExistsFieldNumber = 3 [static]
```

7.63.4.3 kIndexInFileMessages

```
constexpr int briar::DatabaseInfoReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 4
```

7.63.4.4 kInfoFieldNumber

```
const int briar::DatabaseInfoReply::kInfoFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.64 briar::DatabaseInfoReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[DatabaseInfoReply](#)> [_instance](#)

7.64.1 Member Data Documentation

7.64.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseInfoReply> briar::DatabaseInfoReplyDefaultTypeInternal::_instance
```

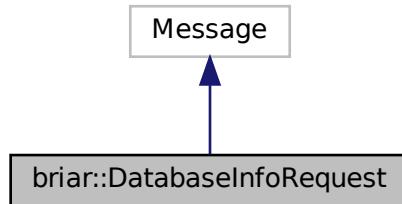
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

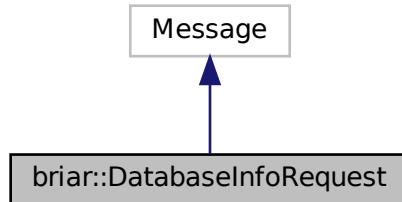
7.65 briar::DatabaseInfoRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseInfoRequest:



Collaboration diagram for briar::DatabaseInfoRequest:



Public Member Functions

- size_t [ByteSizeLong](#) () const final
- void [Clear](#) () final
- void [clear_database_name](#) ()
- void [clear_durations](#) ()
- void [CopyFrom](#) (const ::google::protobuf::Message &from) final
- void [CopyFrom](#) (const [DatabaseInfoRequest](#) &from)
- const ::std::string & [database_name](#) () const
- [DatabaseInfoRequest](#) ()
- [DatabaseInfoRequest](#) (const [DatabaseInfoRequest](#) &from)
- const ::briar::BriarDurations & [durations](#) () const
- int [GetCachedSize](#) () const final
- ::google::protobuf::Metadata [GetMetadata](#) () const final
- bool [has_durations](#) () const

- ::google::protobuf::uint8 * [InternalSerializeWithCachedSizesToArray](#) (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool [IsInitialized](#) () const final
- void [MergeFrom](#) (const ::google::protobuf::Message &from) final
- void [MergeFrom](#) (const DatabaseInfoRequest &from)
- bool [MergePartialFromCodedStream](#) (::google::protobuf::io::CodedInputStream *input) final
- ::std::string * [mutable_database_name](#) ()
- ::briar::BriarDurations * [mutable_durations](#) ()
- DatabaseInfoRequest * [New](#) () const final
- DatabaseInfoRequest * [New](#) (::google::protobuf::Arena *arena) const final
- DatabaseInfoRequest & [operator=](#) (const DatabaseInfoRequest &from)
- ::std::string * [release_database_name](#) ()
- ::briar::BriarDurations * [release_durations](#) ()
- void [SerializeWithCachedSizes](#) (::google::protobuf::io::CodedOutputStream *output) const final
- void [set_allocated_database_name](#) (::std::string *database_name)
- void [set_allocated_durations](#) (::briar::BriarDurations *durations)
- void [set_database_name](#) (const ::std::string &value)
- void [set_database_name](#) (const char *value)
- void [set_database_name](#) (const char *value, size_t size)
- void [Swap](#) (DatabaseInfoRequest *other)
- virtual ~DatabaseInfoRequest ()

Static Public Member Functions

- static const DatabaseInfoRequest & [default_instance](#) ()
- static const ::google::protobuf::Descriptor * [descriptor](#) ()
- static void [InitAsDefaultInstance](#) ()
- static const DatabaseInfoRequest * [internal_default_instance](#) ()

Static Public Attributes

- static const int [kDatabaseNameFieldNumber](#) = 1
- static const int [kDurationsFieldNumber](#) = 2
- static constexpr int [kIndexInFileMessages](#)

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void [swap](#) (DatabaseInfoRequest &a, DatabaseInfoRequest &b)

7.65.1 Constructor & Destructor Documentation

7.65.1.1 DatabaseInfoRequest() [1/2]

```
briar::DatabaseInfoRequest::DatabaseInfoRequest ( )
```

7.65.1.2 ~DatabaseInfoRequest()

```
briar::DatabaseInfoRequest::~DatabaseInfoRequest ( ) [virtual]
```

7.65.1.3 DatabaseInfoRequest() [2/2]

```
briar::DatabaseInfoRequest::DatabaseInfoRequest ( const DatabaseInfoRequest & from )
```

7.65.2 Member Function Documentation

7.65.2.1 ByteSizeLong()

```
size_t briar::DatabaseInfoRequest::ByteSizeLong ( ) const [final]
```

7.65.2.2 Clear()

```
void briar::DatabaseInfoRequest::Clear ( ) [final]
```

7.65.2.3 clear_database_name()

```
void briar::DatabaseInfoRequest::clear_database_name ( ) [inline]
```

7.65.2.4 clear_durations()

```
void briar::DatabaseInfoRequest::clear_durations ( )
```

7.65.2.5 CopyFrom() [1/2]

```
void briar::DatabaseInfoRequest::CopyFrom ( const ::google::protobuf::Message & from ) [final]
```

7.65.2.6 CopyFrom() [2/2]

```
void briar::DatabaseInfoRequest::CopyFrom (
    const DatabaseInfoRequest & from )
```

7.65.2.7 database_name()

```
const ::std::string & briar::DatabaseInfoRequest::database_name ( ) const [inline]
```

7.65.2.8 default_instance()

```
const DatabaseInfoRequest & briar::DatabaseInfoRequest::default_instance ( ) [static]
```

7.65.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseInfoRequest::descriptor ( ) [static]
```

7.65.2.10 durations()

```
const ::briar::BriarDurations & briar::DatabaseInfoRequest::durations ( ) const [inline]
```

7.65.2.11 GetCachedSize()

```
int briar::DatabaseInfoRequest::GetCachedSize ( ) const [inline], [final]
```

7.65.2.12 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseInfoRequest::GetMetadata ( ) const [final]
```

7.65.2.13 has_durations()

```
bool briar::DatabaseInfoRequest::has_durations ( ) const [inline]
```

7.65.2.14 InitAsDefaultInstance()

```
void briar::DatabaseInfoRequest::InitAsDefaultInstance ( ) [static]
```

7.65.2.15 internal_default_instance()

```
static const DatabaseInfoRequest* briar::DatabaseInfoRequest::internal_default_instance ( ) [inline], [static]
```

7.65.2.16 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseInfoRequest::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.65.2.17 IsInitialized()

```
bool briar::DatabaseInfoRequest::IsInitialized ( ) const [final]
```

7.65.2.18 MergeFrom() [1/2]

```
void briar::DatabaseInfoRequest::MergeFrom ( const ::google::protobuf::Message & from ) [final]
```

7.65.2.19 MergeFrom() [2/2]

```
void briar::DatabaseInfoRequest::MergeFrom ( const DatabaseInfoRequest & from )
```

7.65.2.20 MergePartialFromCodedStream()

```
bool briar::DatabaseInfoRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.65.2.21 mutable_database_name()

```
std::string * briar::DatabaseInfoRequest::mutable_database_name ( ) [inline]
```

7.65.2.22 mutable_durations()

```
briar::BriarDurations * briar::DatabaseInfoRequest::mutable_durations ( ) [inline]
```

7.65.2.23 New() [1/2]

```
DatabaseInfoRequest* briar::DatabaseInfoRequest::New ( ) const [inline], [final]
```

7.65.2.24 New() [2/2]

```
DatabaseInfoRequest* briar::DatabaseInfoRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.65.2.25 operator=()

```
DatabaseInfoRequest& briar::DatabaseInfoRequest::operator= (
    const DatabaseInfoRequest & from ) [inline]
```

7.65.2.26 release_database_name()

```
std::string * briar::DatabaseInfoRequest::release_database_name ( ) [inline]
```

7.65.2.27 release_durations()

```
briar::BriarDurations * briar::DatabaseInfoRequest::release_durations ( ) [inline]
```

7.65.2.28 SerializeWithCachedSizes()

```
void briar::DatabaseInfoRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.65.2.29 set_allocated_database_name()

```
void briar::DatabaseInfoRequest::set_allocated_database_name (
    ::std::string * database_name ) [inline]
```

7.65.2.30 set_allocated_durations()

```
void briar::DatabaseInfoRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.65.2.31 set_database_name() [1/3]

```
void briar::DatabaseInfoRequest::set_database_name (
    const ::std::string & value ) [inline]
```

7.65.2.32 set_database_name() [2/3]

```
void briar::DatabaseInfoRequest::set_database_name (
    const char * value ) [inline]
```

7.65.2.33 set_database_name() [3/3]

```
void briar::DatabaseInfoRequest::set_database_name (
    const char * value,
    size_t size ) [inline]
```

7.65.2.34 Swap()

```
void briar::DatabaseInfoRequest::Swap (
    DatabaseInfoRequest * other )
```

7.65.3 Friends And Related Function Documentation

7.65.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.65.3.2 swap

```
void swap (
    DatabaseInfoRequest & a,
    DatabaseInfoRequest & b ) [friend]
```

7.65.4 Member Data Documentation

7.65.4.1 kDatabaseNameFieldNumber

```
const int briar::DatabaseInfoRequest::kDatabaseNameFieldNumber = 1 [static]
```

7.65.4.2 kDurationsFieldNumber

```
const int briar::DatabaseInfoRequest::kDurationsFieldNumber = 2 [static]
```

7.65.4.3 kIndexInFileMessages

```
constexpr int briar::DatabaseInfoRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 3
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.66 briar::DatabaseInfoRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseInfoRequest](#) > `_instance`

7.66.1 Member Data Documentation

7.66.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed<DatabaseInfoRequest> briar::DatabaseInfoRequestDefaultTypeInternal::_instance`

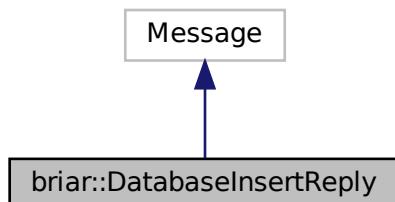
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

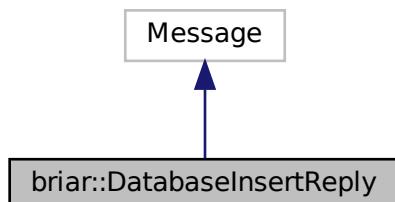
7.67 briar::DatabaseInsertReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseInsertReply:



Collaboration diagram for briar::DatabaseInsertReply:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_durations ()`
- void `clear_errors ()`
- void `clear_exists ()`
- void `clear_ids ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const DatabaseInsertReply &from)`
- `DatabaseInsertReply ()`
- `DatabaseInsertReply (const DatabaseInsertReply &from)`
- const `::briar::BriarDurations & durations () const`
- const `::briar::BriarErrors & errors () const`
- bool `exists () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_durations () const`
- bool `has_errors () const`
- bool `has_ids () const`
- const `::briar::TemplateIds & ids () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const DatabaseInsertReply &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::BriarDurations * mutable_durations ()`
- `::briar::BriarErrors * mutable_errors ()`
- `::briar::TemplateIds * mutable_ids ()`
- `DatabaseInsertReply * New () const final`
- `DatabaseInsertReply * New (::google::protobuf::Arena *arena) const final`
- `DatabaseInsertReply & operator= (const DatabaseInsertReply &from)`
- `::briar::BriarDurations * release_durations ()`
- `::briar::BriarErrors * release_errors ()`
- `::briar::TemplateIds * release_ids ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_errors (::briar::BriarErrors *errors)`
- void `set_allocated_ids (::briar::TemplateIds *ids)`
- void `set_exists (bool value)`
- void `Swap (DatabaseInsertReply *other)`
- virtual ~`DatabaseInsertReply ()`

Static Public Member Functions

- static const `DatabaseInsertReply & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseInsertReply * internal_default_instance ()`

Static Public Attributes

- static const int `kDurationsFieldNumber` = 2
- static const int `kErrorsFieldNumber` = 3
- static const int `kExistsFieldNumber` = 4
- static const int `kIdsFieldNumber` = 1
- static constexpr int `kIndexInFileMessages`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap` (`DatabaseInsertReply` &*a*, `DatabaseInsertReply` &*b*)

7.67.1 Constructor & Destructor Documentation

7.67.1.1 DatabaseInsertReply() [1/2]

```
briar::DatabaseInsertReply::DatabaseInsertReply ( )
```

7.67.1.2 ~DatabaseInsertReply()

```
briar::DatabaseInsertReply::~DatabaseInsertReply ( ) [virtual]
```

7.67.1.3 DatabaseInsertReply() [2/2]

```
briar::DatabaseInsertReply::DatabaseInsertReply (
    const DatabaseInsertReply & from )
```

7.67.2 Member Function Documentation

7.67.2.1 ByteSizeLong()

```
size_t briar::DatabaseInsertReply::ByteSizeLong ( ) const [final]
```

7.67.2.2 Clear()

```
void briar::DatabaseInsertReply::Clear ( ) [final]
```

7.67.2.3 clear_durations()

```
void briar::DatabaseInsertReply::clear_durations ( )
```

7.67.2.4 clear_errors()

```
void briar::DatabaseInsertReply::clear_errors ( )
```

7.67.2.5 clear_exists()

```
void briar::DatabaseInsertReply::clear_exists ( ) [inline]
```

7.67.2.6 clear_ids()

```
void briar::DatabaseInsertReply::clear_ids ( )
```

7.67.2.7 CopyFrom() [1/2]

```
void briar::DatabaseInsertReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.67.2.8 CopyFrom() [2/2]

```
void briar::DatabaseInsertReply::CopyFrom (
    const DatabaseInsertReply & from )
```

7.67.2.9 default_instance()

```
const DatabaseInsertReply & briar::DatabaseInsertReply::default_instance ( ) [static]
```

7.67.2.10 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseInsertReply::descriptor ( ) [static]
```

7.67.2.11 durations()

```
const ::briar::BriarDurations & briar::DatabaseInsertReply::durations ( ) const [inline]
```

7.67.2.12 errors()

```
const ::briar::BriarErrors & briar::DatabaseInsertReply::errors ( ) const [inline]
```

7.67.2.13 exists()

```
bool briar::DatabaseInsertReply::exists ( ) const [inline]
```

7.67.2.14 GetCachedSize()

```
int briar::DatabaseInsertReply::GetCachedSize ( ) const [inline], [final]
```

7.67.2.15 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseInsertReply::GetMetadata ( ) const [final]
```

7.67.2.16 has_durations()

```
bool briar::DatabaseInsertReply::has_durations ( ) const [inline]
```

7.67.2.17 has_errors()

```
bool briar::DatabaseInsertReply::has_errors ( ) const [inline]
```

7.67.2.18 has_ids()

```
bool briar::DatabaseInsertReply::has_ids ( ) const [inline]
```

7.67.2.19 ids()

```
const ::briar::TemplateIds & briar::DatabaseInsertReply::ids ( ) const [inline]
```

7.67.2.20 InitAsDefaultInstance()

```
void briar::DatabaseInsertReply::InitAsDefaultInstance ( ) [static]
```

7.67.2.21 internal_default_instance()

```
static const DatabaseInsertReply* briar::DatabaseInsertReply::internal_default_instance ( )
[inline], [static]
```

7.67.2.22 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseInsertReply::InternalSerializeWithCachedSizesToArray
(
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.67.2.23 IsInitialized()

```
bool briar::DatabaseInsertReply::IsInitialized ( ) const [final]
```

7.67.2.24 MergeFrom() [1/2]

```
void briar::DatabaseInsertReply::MergeFrom (
    const ::google::protobuf::Message & from) [final]
```

7.67.2.25 MergeFrom() [2/2]

```
void briar::DatabaseInsertReply::MergeFrom (
    const DatabaseInsertReply & from)
```

7.67.2.26 MergePartialFromCodedStream()

```
bool briar::DatabaseInsertReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input) [final]
```

7.67.2.27 mutable_durations()

```
briar::BriarDurations * briar::DatabaseInsertReply::mutable_durations () [inline]
```

7.67.2.28 mutable_errors()

```
briar::BriarErrors * briar::DatabaseInsertReply::mutable_errors () [inline]
```

7.67.2.29 mutable_ids()

```
briar::TemplateIds * briar::DatabaseInsertReply::mutable_ids () [inline]
```

7.67.2.30 New() [1/2]

```
DatabaseInsertReply* briar::DatabaseInsertReply::New () const [inline], [final]
```

7.67.2.31 New() [2/2]

```
DatabaseInsertReply* briar::DatabaseInsertReply::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.67.2.32 operator=()

```
DatabaseInsertReply& briar::DatabaseInsertReply::operator= (
    const DatabaseInsertReply & from ) [inline]
```

7.67.2.33 release_durations()

```
briar::BriarDurations * briar::DatabaseInsertReply::release_durations ( ) [inline]
```

7.67.2.34 release_errors()

```
briar::BriarErrors * briar::DatabaseInsertReply::release_errors ( ) [inline]
```

7.67.2.35 release_ids()

```
briar::TemplateIds * briar::DatabaseInsertReply::release_ids ( ) [inline]
```

7.67.2.36 SerializeWithCachedSizes()

```
void briar::DatabaseInsertReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.67.2.37 set_allocated_durations()

```
void briar::DatabaseInsertReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.67.2.38 set_allocated_errors()

```
void briar::DatabaseInsertReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.67.2.39 set_allocated_ids()

```
void briar::DatabaseInsertReply::set_allocated_ids (
    ::briar::TemplateIds * ids ) [inline]
```

7.67.2.40 set_exists()

```
void briar::DatabaseInsertReply::set_exists (
    bool value ) [inline]
```

7.67.2.41 Swap()

```
void briar::DatabaseInsertReply::Swap (
    DatabaseInsertReply * other )
```

7.67.3 Friends And Related Function Documentation

7.67.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.67.3.2 swap

```
void swap (
    DatabaseInsertReply & a,
    DatabaseInsertReply & b ) [friend]
```

7.67.4 Member Data Documentation

7.67.4.1 kDurationsFieldNumber

```
const int briar::DatabaseInsertReply::kDurationsFieldNumber = 2 [static]
```

7.67.4.2 kErrorsFieldNumber

```
const int briar::DatabaseInsertReply::kErrorsFieldNumber = 3 [static]
```

7.67.4.3 kExistsFieldNumber

```
const int briar::DatabaseInsertReply::kExistsFieldNumber = 4 [static]
```

7.67.4.4 kIdsFieldNumber

```
const int briar::DatabaseInsertReply::kIdsFieldNumber = 1 [static]
```

7.67.4.5 kIndexInFileMessages

```
constexpr int briar::DatabaseInsertReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 14
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.68 briar::DatabaseInsertReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< DatabaseInsertReply > _instance

7.68.1 Member Data Documentation

7.68.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseInsertReply> briar::Database<‐
InsertReplyDefaultTypeInternal:::_instance
```

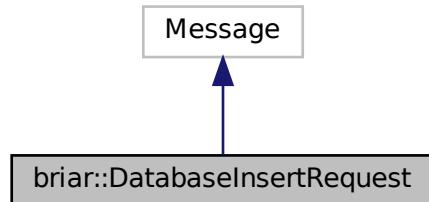
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

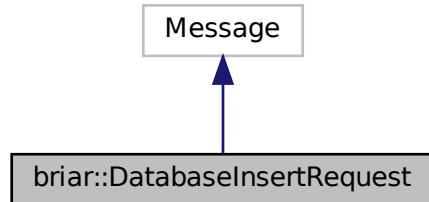
7.69 briar::DatabaseInsertRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseInsertRequest:



Collaboration diagram for briar::DatabaseInsertRequest:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_database ()`
- void `clear_durations ()`
- void `clear_ids ()`
- void `clear_tmpls ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const DatabaseInsertRequest &from)`
- const ::briar::BriarDatabase & `database () const`
- `DatabaseInsertRequest ()`
- `DatabaseInsertRequest (const DatabaseInsertRequest &from)`
- const ::briar::BriarDurations & `durations () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_database () const`
- bool `has_durations () const`
- bool `has_ids () const`
- bool `has_tmpls () const`
- const ::briar::TemplateIds & `ids () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const DatabaseInsertRequest &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::briar::BriarDatabase * `mutable_database ()`
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::TemplateIds * `mutable_ids ()`
- ::briar::TemplateList * `mutable_tmpls ()`
- `DatabaseInsertRequest * New () const final`
- `DatabaseInsertRequest * New (::google::protobuf::Arena *arena) const final`
- `DatabaseInsertRequest & operator= (const DatabaseInsertRequest &from)`
- ::briar::BriarDatabase * `release_database ()`
- ::briar::BriarDurations * `release_durations ()`
- ::briar::TemplateIds * `release_ids ()`
- ::briar::TemplateList * `release_tmpls ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_database (::briar::BriarDatabase *database)`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_ids (::briar::TemplateIds *ids)`
- void `set_allocated_tmpls (::briar::TemplateList *tmpls)`
- void `Swap (DatabaseInsertRequest *other)`
- const ::briar::TemplateList & `tmpls () const`
- virtual ~`DatabaseInsertRequest ()`

Static Public Member Functions

- static const `DatabaseInsertRequest & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseInsertRequest * internal_default_instance ()`

Static Public Attributes

- static const int `kDatabaseFieldNumber` = 1
- static const int `kDurationsFieldNumber` = 4
- static const int `kIdsFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`
- static const int `kTmplsFieldNumber` = 2

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap` (`DatabaseInsertRequest &a, DatabaseInsertRequest &b`)

7.69.1 Constructor & Destructor Documentation

7.69.1.1 `DatabaseInsertRequest()` [1/2]

```
briar::DatabaseInsertRequest::DatabaseInsertRequest ( )
```

7.69.1.2 `~DatabaseInsertRequest()`

```
briar::DatabaseInsertRequest::~DatabaseInsertRequest ( ) [virtual]
```

7.69.1.3 `DatabaseInsertRequest()` [2/2]

```
briar::DatabaseInsertRequest::DatabaseInsertRequest ( 
    const DatabaseInsertRequest & from )
```

7.69.2 Member Function Documentation

7.69.2.1 `ByteSizeLong()`

```
size_t briar::DatabaseInsertRequest::ByteSizeLong ( ) const [final]
```

7.69.2.2 Clear()

```
void briar::DatabaseInsertRequest::Clear ( ) [final]
```

7.69.2.3 clear_database()

```
void briar::DatabaseInsertRequest::clear_database ( )
```

7.69.2.4 clear_durations()

```
void briar::DatabaseInsertRequest::clear_durations ( )
```

7.69.2.5 clear_ids()

```
void briar::DatabaseInsertRequest::clear_ids ( )
```

7.69.2.6 clear_tmpls()

```
void briar::DatabaseInsertRequest::clear_tmpls ( )
```

7.69.2.7 CopyFrom() [1/2]

```
void briar::DatabaseInsertRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.69.2.8 CopyFrom() [2/2]

```
void briar::DatabaseInsertRequest::CopyFrom (
    const DatabaseInsertRequest & from )
```

7.69.2.9 database()

```
const ::briar::BriarDatabase & briar::DatabaseInsertRequest::database() const [inline]
```

7.69.2.10 default_instance()

```
const DatabaseInsertRequest & briar::DatabaseInsertRequest::default_instance() [static]
```

7.69.2.11 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseInsertRequest::descriptor() [static]
```

7.69.2.12 durations()

```
const ::briar::BriarDurations & briar::DatabaseInsertRequest::durations() const [inline]
```

7.69.2.13 GetCachedSize()

```
int briar::DatabaseInsertRequest::GetCachedSize() const [inline], [final]
```

7.69.2.14 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseInsertRequest::GetMetadata() const [final]
```

7.69.2.15 has_database()

```
bool briar::DatabaseInsertRequest::has_database() const [inline]
```

7.69.2.16 has_durations()

```
bool briar::DatabaseInsertRequest::has_durations() const [inline]
```

7.69.2.17 has_ids()

```
bool briar::DatabaseInsertRequest::has_ids () const [inline]
```

7.69.2.18 has_tmpls()

```
bool briar::DatabaseInsertRequest::has_tmpls () const [inline]
```

7.69.2.19 ids()

```
const ::briar::TemplateIds & briar::DatabaseInsertRequest::ids () const [inline]
```

7.69.2.20 InitAsDefaultInstance()

```
void briar::DatabaseInsertRequest::InitAsDefaultInstance () [static]
```

7.69.2.21 internal_default_instance()

```
static const DatabaseInsertRequest* briar::DatabaseInsertRequest::internal_default_instance ( ) [inline], [static]
```

7.69.2.22 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseInsertRequest::InternalSerializeWithCachedSizesTo←
Array (                                bool deterministic,
       ::google::protobuf::uint8 * target ) const [final]
```

7.69.2.23 IsInitialized()

```
bool briar::DatabaseInsertRequest::IsInitialized () const [final]
```

7.69.2.24 MergeFrom() [1/2]

```
void briar::DatabaseInsertRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.69.2.25 MergeFrom() [2/2]

```
void briar::DatabaseInsertRequest::MergeFrom (
    const DatabaseInsertRequest & from )
```

7.69.2.26 MergePartialFromCodedStream()

```
bool briar::DatabaseInsertRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.69.2.27 mutable_database()

```
briar::BriarDatabase * briar::DatabaseInsertRequest::mutable_database ( ) [inline]
```

7.69.2.28 mutable_durations()

```
briar::BriarDurations * briar::DatabaseInsertRequest::mutable_durations ( ) [inline]
```

7.69.2.29 mutable_ids()

```
briar::TemplateIds * briar::DatabaseInsertRequest::mutable_ids ( ) [inline]
```

7.69.2.30 mutable_tmpls()

```
briar::TemplateList * briar::DatabaseInsertRequest::mutable_tmpls ( ) [inline]
```

7.69.2.31 New() [1/2]

```
DatabaseInsertRequest* briar::DatabaseInsertRequest::New ( ) const [inline], [final]
```

7.69.2.32 New() [2/2]

```
DatabaseInsertRequest* briar::DatabaseInsertRequest::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.69.2.33 operator=()

```
DatabaseInsertRequest& briar::DatabaseInsertRequest::operator= ( const DatabaseInsertRequest & from ) [inline]
```

7.69.2.34 release_database()

```
briar::BriarDatabase * briar::DatabaseInsertRequest::release_database ( ) [inline]
```

7.69.2.35 release_durations()

```
briar::BriarDurations * briar::DatabaseInsertRequest::release_durations ( ) [inline]
```

7.69.2.36 release_ids()

```
briar::TemplateIds * briar::DatabaseInsertRequest::release_ids ( ) [inline]
```

7.69.2.37 release_tmpls()

```
briar::TemplateList * briar::DatabaseInsertRequest::release_tmpls ( ) [inline]
```

7.69.2.38 SerializeWithCachedSizes()

```
void briar::DatabaseInsertRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.69.2.39 set_allocated_database()

```
void briar::DatabaseInsertRequest::set_allocated_database (
    ::briar::BriarDatabase * database ) [inline]
```

7.69.2.40 set_allocated_durations()

```
void briar::DatabaseInsertRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.69.2.41 set_allocated_ids()

```
void briar::DatabaseInsertRequest::set_allocated_ids (
    ::briar::TemplateIds * ids ) [inline]
```

7.69.2.42 set_allocated_tmpls()

```
void briar::DatabaseInsertRequest::set_allocated_tmpls (
    ::briar::TemplateList * tmpls ) [inline]
```

7.69.2.43 Swap()

```
void briar::DatabaseInsertRequest::Swap (
    DatabaseInsertRequest * other )
```

7.69.2.44 tmpls()

```
const ::briar::TemplateList & briar::DatabaseInsertRequest::tmpls ( ) const [inline]
```

7.69.3 Friends And Related Function Documentation

7.69.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.69.3.2 swap

```
void swap (
    DatabaseInsertRequest & a,
    DatabaseInsertRequest & b ) [friend]
```

7.69.4 Member Data Documentation

7.69.4.1 kDatabaseFieldNumber

```
const int briar::DatabaseInsertRequest::kDatabaseFieldNumber = 1 [static]
```

7.69.4.2 kDurationsFieldNumber

```
const int briar::DatabaseInsertRequest::kDurationsFieldNumber = 4 [static]
```

7.69.4.3 kIdsFieldNumber

```
const int briar::DatabaseInsertRequest::kIdsFieldNumber = 3 [static]
```

7.69.4.4 kIndexInFileMessages

```
constexpr int briar::DatabaseInsertRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 13
```

7.69.4.5 kTmplsFieldNumber

```
const int briar::DatabaseInsertRequest::kTmplsFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.70 briar::DatabaseInsertRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[DatabaseInsertRequest](#) > `_instance`

7.70.1 Member Data Documentation

7.70.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseInsertRequest> briar::DatabaseInsertRequestDefaultTypeInternal::_instance
```

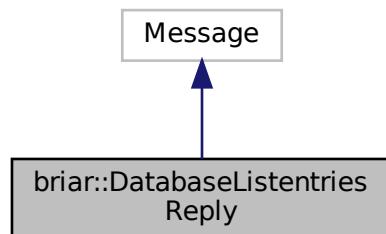
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

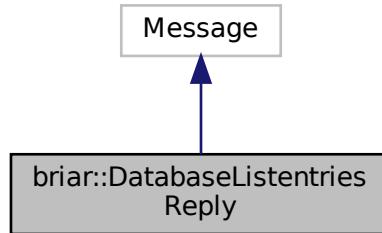
7.71 briar::DatabaseListentriesReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseListentriesReply:



Collaboration diagram for briar::DatabaseListentriesReply:



Public Member Functions

- `::briar::FrameMetadata * add_entry_attributes ()`
- `::std::string * add_entry_ids ()`
- `void add_entry_ids (const ::std::string &value)`
- `void add_entry_ids (const char *value)`
- `void add_entry_ids (const char *value, size_t size)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_durations ()`
- `void clear_entry_attributes ()`
- `void clear_entry_ids ()`
- `void clear_exists ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const DatabaseListentriesReply &from)`
- `DatabaseListentriesReply ()`
- `DatabaseListentriesReply (const DatabaseListentriesReply &from)`
- `const ::briar::BriarDurations & durations () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::FrameMetadata > & entry_attributes () const`
- `const ::briar::FrameMetadata & entry_attributes (int index) const`
- `int entry_attributes_size () const`
- `const ::google::protobuf::RepeatedPtrField< ::std::string > & entry_ids () const`
- `const ::std::string & entry_ids (int index) const`
- `int entry_ids_size () const`
- `bool exists () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_durations () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const DatabaseListentriesReply &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::BriarDurations * mutable_durations ()`
- `::google::protobuf::RepeatedPtrField< ::briar::FrameMetadata > * mutable_entry_attributes ()`
- `::briar::FrameMetadata * mutable_entry_attributes (int index)`

- ::google::protobuf::RepeatedPtrField< ::std::string > * [mutable_entry_ids\(\)](#)
- ::std::string * [mutable_entry_ids\(int index\)](#)
- [DatabaseListentriesReply * New\(\)](#) const final
- [DatabaseListentriesReply * New\(::google::protobuf::Arena *arena\)](#) const final
- [DatabaseListentriesReply & operator=\(const DatabaseListentriesReply &from\)](#)
- ::briar::BriarDurations * [release_durations\(\)](#)
- void [SerializeWithCachedSizes \(::google::protobuf::io::CodedOutputStream *output\)](#) const final
- void [set_allocated_durations \(::briar::BriarDurations *durations\)](#)
- void [set_entry_ids\(int index, const ::std::string &value\)](#)
- void [set_entry_ids\(int index, const char *value\)](#)
- void [set_entry_ids\(int index, const char *value, size_t size\)](#)
- void [set_exists\(bool value\)](#)
- void [Swap \(DatabaseListentriesReply *other\)](#)
- virtual ~[DatabaseListentriesReply\(\)](#)

Static Public Member Functions

- static const [DatabaseListentriesReply & default_instance\(\)](#)
- static const ::google::protobuf::Descriptor * [descriptor\(\)](#)
- static void [InitAsDefaultInstance\(\)](#)
- static const [DatabaseListentriesReply * internal_default_instance\(\)](#)

Static Public Attributes

- static const int [kDurationsFieldNumber = 3](#)
- static const int [kEntryAttributesFieldNumber = 2](#)
- static const int [kEntryIdsFieldNumber = 1](#)
- static const int [kExistsFieldNumber = 4](#)
- static constexpr int [kIndexInFileMessages](#)

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void [swap \(DatabaseListentriesReply &a, DatabaseListentriesReply &b\)](#)

7.71.1 Constructor & Destructor Documentation

7.71.1.1 DatabaseListentriesReply() [1/2]

```
briar::DatabaseListentriesReply::DatabaseListentriesReply( )
```

7.71.1.2 ~DatabaseListentriesReply()

```
briar::DatabaseListentriesReply::~DatabaseListentriesReply ( ) [virtual]
```

7.71.1.3 DatabaseListentriesReply() [2/2]

```
briar::DatabaseListentriesReply::DatabaseListentriesReply ( 
    const DatabaseListentriesReply & from )
```

7.71.2 Member Function Documentation

7.71.2.1 add_entry_attributes()

```
briar::FrameMetadata * briar::DatabaseListentriesReply::add_entry_attributes ( ) [inline]
```

7.71.2.2 add_entry_ids() [1/4]

```
std::string * briar::DatabaseListentriesReply::add_entry_ids ( ) [inline]
```

7.71.2.3 add_entry_ids() [2/4]

```
void briar::DatabaseListentriesReply::add_entry_ids ( 
    const ::std::string & value ) [inline]
```

7.71.2.4 add_entry_ids() [3/4]

```
void briar::DatabaseListentriesReply::add_entry_ids ( 
    const char * value ) [inline]
```

7.71.2.5 add_entry_ids() [4/4]

```
void briar::DatabaseListentriesReply::add_entry_ids ( 
    const char * value,
    size_t size ) [inline]
```

7.71.2.6 ByteSizeLong()

```
size_t briar::DatabaseListentriesReply::ByteSizeLong ( ) const [final]
```

7.71.2.7 Clear()

```
void briar::DatabaseListentriesReply::Clear ( ) [final]
```

7.71.2.8 clear_durations()

```
void briar::DatabaseListentriesReply::clear_durations ( )
```

7.71.2.9 clear_entry_attributes()

```
void briar::DatabaseListentriesReply::clear_entry_attributes ( )
```

7.71.2.10 clear_entry_ids()

```
void briar::DatabaseListentriesReply::clear_entry_ids ( ) [inline]
```

7.71.2.11 clear_exists()

```
void briar::DatabaseListentriesReply::clear_exists ( ) [inline]
```

7.71.2.12 CopyFrom() [1/2]

```
void briar::DatabaseListentriesReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.71.2.13 CopyFrom() [2/2]

```
void briar::DatabaseListentriesReply::CopyFrom (
    const DatabaseListentriesReply & from )
```

7.71.2.14 default_instance()

```
const DatabaseListentriesReply & briar::DatabaseListentriesReply::default_instance ( ) [static]
```

7.71.2.15 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseListentriesReply::descriptor ( ) [static]
```

7.71.2.16 durations()

```
const ::briar::BriarDurations & briar::DatabaseListentriesReply::durations ( ) const [inline]
```

7.71.2.17 entry_attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::FrameMetadata> & briar::DatabaseListentriesReply::entry_attributes ( ) const [inline]
```

7.71.2.18 entry_attributes() [2/2]

```
const ::briar::FrameMetadata & briar::DatabaseListentriesReply::entry_attributes (
    int index ) const [inline]
```

7.71.2.19 entry_attributes_size()

```
int briar::DatabaseListentriesReply::entry_attributes_size ( ) const [inline]
```

7.71.2.20 entry_ids() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::std::string> & briar::DatabaseListentriesReply::entry_ids( ) const [inline]
```

7.71.2.21 entry_ids() [2/2]

```
const ::std::string & briar::DatabaseListentriesReply::entry_ids( int index ) const [inline]
```

7.71.2.22 entry_ids_size()

```
int briar::DatabaseListentriesReply::entry_ids_size( ) const [inline]
```

7.71.2.23 exists()

```
bool briar::DatabaseListentriesReply::exists( ) const [inline]
```

7.71.2.24 GetCachedSize()

```
int briar::DatabaseListentriesReply::GetCachedSize( ) const [inline], [final]
```

7.71.2.25 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseListentriesReply::GetMetadata( ) const [final]
```

7.71.2.26 has_durations()

```
bool briar::DatabaseListentriesReply::has_durations( ) const [inline]
```

7.71.2.27 InitAsDefaultInstance()

```
void briar::DatabaseListentriesReply::InitAsDefaultInstance ( ) [static]
```

7.71.2.28 internal_default_instance()

```
static const DatabaseListentriesReply* briar::DatabaseListentriesReply::internal_default_←  
instance ( ) [inline], [static]
```

7.71.2.29 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseListentriesReply::InternalSerializeWithCachedSizesTo←  
Array (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.71.2.30 IsInitialized()

```
bool briar::DatabaseListentriesReply::IsInitialized ( ) const [final]
```

7.71.2.31 MergeFrom() [1/2]

```
void briar::DatabaseListentriesReply::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.71.2.32 MergeFrom() [2/2]

```
void briar::DatabaseListentriesReply::MergeFrom (   
    const DatabaseListentriesReply & from )
```

7.71.2.33 MergePartialFromCodedStream()

```
bool briar::DatabaseListentriesReply::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.71.2.34 mutable_durations()

```
briar::BriarDurations * briar::DatabaseListentriesReply::mutable_durations ( ) [inline]
```

7.71.2.35 mutable_entry_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::FrameMetadata> * briar::DatabaseListentriesReply::mutable_entry_attributes ( ) [inline]
```

7.71.2.36 mutable_entry_attributes() [2/2]

```
briar::FrameMetadata * briar::DatabaseListentriesReply::mutable_entry_attributes ( int index ) [inline]
```

7.71.2.37 mutable_entry_ids() [1/2]

```
google::protobuf::RepeatedPtrField<::std::string> * briar::DatabaseListentriesReply::mutable_entry_ids ( ) [inline]
```

7.71.2.38 mutable_entry_ids() [2/2]

```
std::string * briar::DatabaseListentriesReply::mutable_entry_ids ( int index ) [inline]
```

7.71.2.39 New() [1/2]

```
DatabaseListentriesReply* briar::DatabaseListentriesReply::New ( ) const [inline], [final]
```

7.71.2.40 New() [2/2]

```
DatabaseListentriesReply* briar::DatabaseListentriesReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.71.2.41 operator=()

```
DatabaseListentriesReply& briar::DatabaseListentriesReply::operator= (
    const DatabaseListentriesReply & from ) [inline]
```

7.71.2.42 release_durations()

```
briar::BriarDurations * briar::DatabaseListentriesReply::release_durations ( ) [inline]
```

7.71.2.43 SerializeWithCachedSizes()

```
void briar::DatabaseListentriesReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.71.2.44 set_allocated_durations()

```
void briar::DatabaseListentriesReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.71.2.45 set_entry_ids() [1/3]

```
void briar::DatabaseListentriesReply::set_entry_ids (
    int index,
    const ::std::string & value ) [inline]
```

7.71.2.46 set_entry_ids() [2/3]

```
void briar::DatabaseListentriesReply::set_entry_ids (
    int index,
    const char * value ) [inline]
```

7.71.2.47 set_entry_ids() [3/3]

```
void briar::DatabaseListentriesReply::set_entry_ids (
    int index,
    const char * value,
    size_t size ) [inline]
```

7.71.2.48 set_exists()

```
void briar::DatabaseListentriesReply::set_exists (
    bool value ) [inline]
```

7.71.2.49 Swap()

```
void briar::DatabaseListentriesReply::Swap (
    DatabaseListentriesReply * other )
```

7.71.3 Friends And Related Function Documentation

7.71.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.71.3.2 swap

```
void swap (
    DatabaseListentriesReply & a,
    DatabaseListentriesReply & b ) [friend]
```

7.71.4 Member Data Documentation

7.71.4.1 kDurationsFieldNumber

```
const int briar::DatabaseListentriesReply::kDurationsFieldNumber = 3 [static]
```

7.71.4.2 kEntryAttributesFieldNumber

```
const int briar::DatabaseListentriesReply::kEntryAttributesFieldNumber = 2 [static]
```

7.71.4.3 kEntryIdsFieldNumber

```
const int briar::DatabaseListentriesReply::kEntryIdsFieldNumber = 1 [static]
```

7.71.4.4 kExistsFieldNumber

```
const int briar::DatabaseListentriesReply::kExistsFieldNumber = 4 [static]
```

7.71.4.5 kIndexInFileMessages

```
constexpr int briar::DatabaseListentriesReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 6
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.72 briar::DatabaseListentriesReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[DatabaseListentriesReply](#)> [_instance](#)

7.72.1 Member Data Documentation

7.72.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseListentriesReply> briar::DatabaseListentriesReplyDefaultTypeInternal::_instance
```

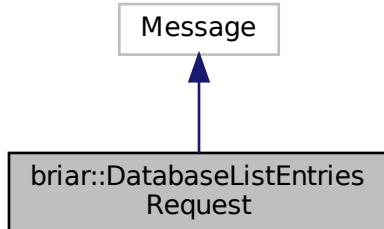
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

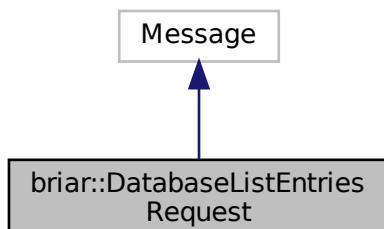
7.73 briar::DatabaseListEntriesRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseListEntriesRequest:



Collaboration diagram for briar::DatabaseListEntriesRequest:



Public Member Functions

- size_t [ByteSizeLong](#) () const final
- void [Clear](#) () final
- void [clear_database_name](#) ()
- void [clear_durations](#) ()
- void [CopyFrom](#) (const ::google::protobuf::Message &from) final
- void [CopyFrom](#) (const [DatabaseListEntriesRequest](#) &from)
- const ::std::string & [database_name](#) () const
- [DatabaseListEntriesRequest](#) ()
- [DatabaseListEntriesRequest](#) (const [DatabaseListEntriesRequest](#) &from)
- const ::briar::BriarDurations & [durations](#) () const
- int [GetCachedSize](#) () const final
- ::google::protobuf::Metadata [GetMetadata](#) () const final

- bool `has_durations () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized () const final`
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `DatabaseListEntriesRequest` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::std::string * `mutable_database_name ()`
- ::briar::BriarDurations * `mutable_durations ()`
- `DatabaseListEntriesRequest * New () const final`
- `DatabaseListEntriesRequest * New` (::google::protobuf::Arena *arena) const final
- `DatabaseListEntriesRequest & operator=` (const `DatabaseListEntriesRequest` &from)
- ::std::string * `release_database_name ()`
- ::briar::BriarDurations * `release_durations ()`
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_allocated_database_name` (::std::string *`database_name`)
- void `set_allocated_durations` (::briar::BriarDurations *`durations`)
- void `set_database_name` (const ::std::string &value)
- void `set_database_name` (const char *value)
- void `set_database_name` (const char *value, size_t size)
- void `Swap` (`DatabaseListEntriesRequest` *other)
- virtual ~`DatabaseListEntriesRequest` ()

Static Public Member Functions

- static const `DatabaseListEntriesRequest & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseListEntriesRequest * internal_default_instance ()`

Static Public Attributes

- static const int `kDatabaseNameFieldNumber` = 1
- static const int `kDurationsFieldNumber` = 2
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void `swap` (`DatabaseListEntriesRequest` &a, `DatabaseListEntriesRequest` &b)

7.73.1 Constructor & Destructor Documentation

7.73.1.1 DatabaseListEntriesRequest() [1/2]

```
briar::DatabaseListEntriesRequest::DatabaseListEntriesRequest ( )
```

7.73.1.2 ~DatabaseListEntriesRequest()

```
briar::DatabaseListEntriesRequest::~DatabaseListEntriesRequest ( ) [virtual]
```

7.73.1.3 DatabaseListEntriesRequest() [2/2]

```
briar::DatabaseListEntriesRequest::DatabaseListEntriesRequest ( const DatabaseListEntriesRequest & from )
```

7.73.2 Member Function Documentation

7.73.2.1 ByteSizeLong()

```
size_t briar::DatabaseListEntriesRequest::ByteSizeLong ( ) const [final]
```

7.73.2.2 Clear()

```
void briar::DatabaseListEntriesRequest::Clear ( ) [final]
```

7.73.2.3 clear_database_name()

```
void briar::DatabaseListEntriesRequest::clear_database_name ( ) [inline]
```

7.73.2.4 clear_durations()

```
void briar::DatabaseListEntriesRequest::clear_durations ( )
```

7.73.2.5 CopyFrom() [1/2]

```
void briar::DatabaseListEntriesRequest::CopyFrom ( const ::google::protobuf::Message & from ) [final]
```

7.73.2.6 CopyFrom() [2/2]

```
void briar::DatabaseListEntriesRequest::CopyFrom (
    const DatabaseListEntriesRequest & from )
```

7.73.2.7 database_name()

```
const ::std::string & briar::DatabaseListEntriesRequest::database_name ( ) const [inline]
```

7.73.2.8 default_instance()

```
const DatabaseListEntriesRequest & briar::DatabaseListEntriesRequest::default_instance ( )
[static]
```

7.73.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseListEntriesRequest::descriptor ( ) [static]
```

7.73.2.10 durations()

```
const ::briar::BriarDurations & briar::DatabaseListEntriesRequest::durations ( ) const [inline]
```

7.73.2.11 GetCachedSize()

```
int briar::DatabaseListEntriesRequest::GetCachedSize ( ) const [inline], [final]
```

7.73.2.12 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseListEntriesRequest::GetMetadata ( ) const [final]
```

7.73.2.13 has_durations()

```
bool briar::DatabaseListEntriesRequest::has_durations ( ) const [inline]
```

7.73.2.14 InitAsDefaultInstance()

```
void briar::DatabaseListEntriesRequest::InitAsDefaultInstance ( ) [static]
```

7.73.2.15 internal_default_instance()

```
static const DatabaseListEntriesRequest* briar::DatabaseListEntriesRequest::internal_default_<--  
instance ( ) [inline], [static]
```

7.73.2.16 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseListEntriesRequest::InternalSerializeWithCachedSizes<--  
ToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.73.2.17 IsInitialized()

```
bool briar::DatabaseListEntriesRequest::IsInitialized ( ) const [final]
```

7.73.2.18 MergeFrom() [1/2]

```
void briar::DatabaseListEntriesRequest::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.73.2.19 MergeFrom() [2/2]

```
void briar::DatabaseListEntriesRequest::MergeFrom (   
    const DatabaseListEntriesRequest & from )
```

7.73.2.20 MergePartialFromCodedStream()

```
bool briar::DatabaseListEntriesRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.73.2.21 mutable_database_name()

```
std::string * briar::DatabaseListEntriesRequest::mutable_database_name ( ) [inline]
```

7.73.2.22 mutable_durations()

```
briar::BriarDurations * briar::DatabaseListEntriesRequest::mutable_durations ( ) [inline]
```

7.73.2.23 New() [1/2]

```
DatabaseListEntriesRequest* briar::DatabaseListEntriesRequest::New ( ) const [inline], [final]
```

7.73.2.24 New() [2/2]

```
DatabaseListEntriesRequest* briar::DatabaseListEntriesRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.73.2.25 operator=()

```
DatabaseListEntriesRequest& briar::DatabaseListEntriesRequest::operator= (
    const DatabaseListEntriesRequest & from ) [inline]
```

7.73.2.26 release_database_name()

```
std::string * briar::DatabaseListEntriesRequest::release_database_name ( ) [inline]
```

7.73.2.27 release_durations()

```
briar::BriarDurations * briar::DatabaseListEntriesRequest::release_durations ( ) [inline]
```

7.73.2.28 SerializeWithCachedSizes()

```
void briar::DatabaseListEntriesRequest::SerializeWithCachedSizes (  
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.73.2.29 set_allocated_database_name()

```
void briar::DatabaseListEntriesRequest::set_allocated_database_name (   
    ::std::string * database_name ) [inline]
```

7.73.2.30 set_allocated_durations()

```
void briar::DatabaseListEntriesRequest::set_allocated_durations (   
    ::briar::BriarDurations * durations ) [inline]
```

7.73.2.31 set_database_name() [1/3]

```
void briar::DatabaseListEntriesRequest::set_database_name (   
    const ::std::string & value ) [inline]
```

7.73.2.32 set_database_name() [2/3]

```
void briar::DatabaseListEntriesRequest::set_database_name (   
    const char * value ) [inline]
```

7.73.2.33 set_database_name() [3/3]

```
void briar::DatabaseListEntriesRequest::set_database_name (   
    const char * value,  
    size_t size ) [inline]
```

7.73.2.34 Swap()

```
void briar::DatabaseListEntriesRequest::Swap (
    DatabaseListEntriesRequest * other )
```

7.73.3 Friends And Related Function Documentation

7.73.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.73.3.2 swap

```
void swap (
    DatabaseListEntriesRequest & a,
    DatabaseListEntriesRequest & b ) [friend]
```

7.73.4 Member Data Documentation

7.73.4.1 kDatabaseNameFieldNumber

```
const int briar::DatabaseListEntriesRequest::kDatabaseNameFieldNumber = 1 [static]
```

7.73.4.2 kDurationsFieldNumber

```
const int briar::DatabaseListEntriesRequest::kDurationsFieldNumber = 2 [static]
```

7.73.4.3 kIndexInFileMessages

```
constexpr int briar::DatabaseListEntriesRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 5
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.74 briar::DatabaseListEntriesRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseListEntriesRequest](#) > `_instance`

7.74.1 Member Data Documentation

7.74.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseListEntriesRequest> briar::DatabaseListEntriesRequestDefaultTypeInternal::_instance
```

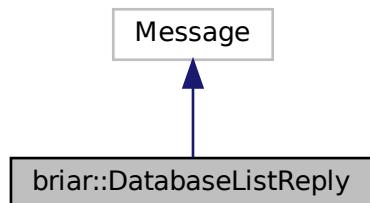
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

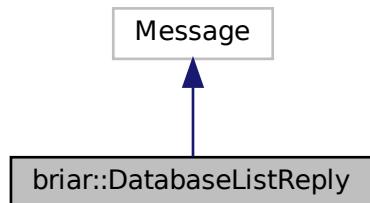
7.75 briar::DatabaseListReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseListReply:



Collaboration diagram for briar::DatabaseListReply:



Public Member Functions

- `::std::string * add_database_names ()`
- `void add_database_names (const ::std::string &value)`
- `void add_database_names (const char *value)`
- `void add_database_names (const char *value, size_t size)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_database_names ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const DatabaseListReply &from)`
- `const ::google::protobuf::RepeatedPtrField< ::std::string > & database_names () const`
- `const ::std::string & database_names (int index) const`
- `int database_names_size () const`
- `DatabaseListReply ()`
- `DatabaseListReply (const DatabaseListReply &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const DatabaseListReply &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::std::string > * mutable_database_names ()`
- `::std::string * mutable_database_names (int index)`
- `DatabaseListReply * New () const final`
- `DatabaseListReply * New (::google::protobuf::Arena *arena) const final`
- `DatabaseListReply & operator= (const DatabaseListReply &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_database_names (int index, const ::std::string &value)`
- `void set_database_names (int index, const char *value)`
- `void set_database_names (int index, const char *value, size_t size)`
- `void Swap (DatabaseListReply *other)`
- `virtual ~DatabaseListReply ()`

Static Public Member Functions

- `static const DatabaseListReply & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const DatabaseListReply * internal_default_instance ()`

Static Public Attributes

- `static const int kDatabaseNamesFieldNumber = 1`
- `static constexpr int kIndexInFileMessages`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- `void swap (DatabaseListReply &a, DatabaseListReply &b)`

7.75.1 Constructor & Destructor Documentation

7.75.1.1 DatabaseListReply() [1/2]

```
briar::DatabaseListReply::DatabaseListReply ( )
```

7.75.1.2 ~DatabaseListReply()

```
briar::DatabaseListReply::~DatabaseListReply ( ) [virtual]
```

7.75.1.3 DatabaseListReply() [2/2]

```
briar::DatabaseListReply::DatabaseListReply (
    const DatabaseListReply & from )
```

7.75.2 Member Function Documentation

7.75.2.1 add_database_names() [1/4]

```
std::string * briar::DatabaseListReply::add_database_names ( ) [inline]
```

7.75.2.2 add_database_names() [2/4]

```
void briar::DatabaseListReply::add_database_names (
    const ::std::string & value ) [inline]
```

7.75.2.3 add_database_names() [3/4]

```
void briar::DatabaseListReply::add_database_names (
    const char * value ) [inline]
```

7.75.2.4 add_database_names() [4/4]

```
void briar::DatabaseListReply::add_database_names (
    const char * value,
    size_t size ) [inline]
```

7.75.2.5 ByteSizeLong()

```
size_t briar::DatabaseListReply::ByteSizeLong ( ) const [final]
```

7.75.2.6 Clear()

```
void briar::DatabaseListReply::Clear ( ) [final]
```

7.75.2.7 clear_database_names()

```
void briar::DatabaseListReply::clear_database_names ( ) [inline]
```

7.75.2.8 CopyFrom() [1/2]

```
void briar::DatabaseListReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.75.2.9 CopyFrom() [2/2]

```
void briar::DatabaseListReply::CopyFrom (
    const DatabaseListReply & from )
```

7.75.2.10 database_names() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::std::string> & briar::DatabaseListReply::database_names ( ) const [inline]
```

7.75.2.11 database_names() [2/2]

```
const ::std::string & briar::DatabaseListReply::database_names (
    int index ) const [inline]
```

7.75.2.12 database_names_size()

```
int briar::DatabaseListReply::database_names_size ( ) const [inline]
```

7.75.2.13 default_instance()

```
const DatabaseListReply & briar::DatabaseListReply::default_instance ( ) [static]
```

7.75.2.14 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseListReply::descriptor ( ) [static]
```

7.75.2.15 GetCachedSize()

```
int briar::DatabaseListReply::GetCachedSize ( ) const [inline], [final]
```

7.75.2.16 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseListReply::GetMetadata ( ) const [final]
```

7.75.2.17 InitAsDefaultInstance()

```
void briar::DatabaseListReply::InitAsDefaultInstance ( ) [static]
```

7.75.2.18 internal_default_instance()

```
static const DatabaseListReply* briar::DatabaseListReply::internal_default_instance ( ) [inline],  
[static]
```

7.75.2.19 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseListReply::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.75.2.20 IsInitialized()

```
bool briar::DatabaseListReply::IsInitialized ( ) const [final]
```

7.75.2.21 MergeFrom() [1/2]

```
void briar::DatabaseListReply::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.75.2.22 MergeFrom() [2/2]

```
void briar::DatabaseListReply::MergeFrom (   
    const DatabaseListReply & from )
```

7.75.2.23 MergePartialFromCodedStream()

```
bool briar::DatabaseListReply::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.75.2.24 mutable_database_names() [1/2]

```
google::protobuf::RepeatedPtrField<::std::string> * briar::DatabaseListReply::mutable_<  
database_names ( ) [inline]
```

7.75.2.25 mutable_database_names() [2/2]

```
std::string * briar::DatabaseListReply::mutable_database_names (
    int index ) [inline]
```

7.75.2.26 New() [1/2]

```
DatabaseListReply* briar::DatabaseListReply::New ( ) const [inline], [final]
```

7.75.2.27 New() [2/2]

```
DatabaseListReply* briar::DatabaseListReply::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.75.2.28 operator=()

```
DatabaseListReply& briar::DatabaseListReply::operator= (
    const DatabaseListReply & from ) [inline]
```

7.75.2.29 SerializeWithCachedSizes()

```
void briar::DatabaseListReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.75.2.30 set_database_names() [1/3]

```
void briar::DatabaseListReply::set_database_names (
    int index,
    const ::std::string & value ) [inline]
```

7.75.2.31 set_database_names() [2/3]

```
void briar::DatabaseListReply::set_database_names (
    int index,
    const char * value ) [inline]
```

7.75.2.32 set_database_names() [3/3]

```
void briar::DatabaseListReply::set_database_names (
    int index,
    const char * value,
    size_t size ) [inline]
```

7.75.2.33 Swap()

```
void briar::DatabaseListReply::Swap (
    DatabaseListReply * other )
```

7.75.3 Friends And Related Function Documentation**7.75.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.75.3.2 swap

```
void swap (
    DatabaseListReply & a,
    DatabaseListReply & b ) [friend]
```

7.75.4 Member Data Documentation**7.75.4.1 kDatabaseNamesFieldNumber**

```
const int briar::DatabaseListReply::kDatabaseNamesFieldNumber = 1 [static]
```

7.75.4.2 `kIndexInFileMessages`

```
constexpr int briar::DatabaseListReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 2
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.76 briar::DatabaseListReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[DatabaseListReply](#)> `_instance`

7.76.1 Member Data Documentation

7.76.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseListReply> briar::DatabaseListReplyDefaultTypeInternal::_instance
```

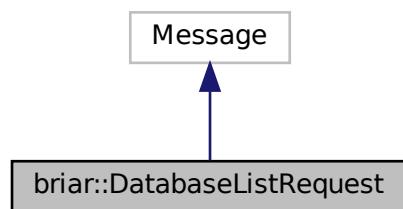
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

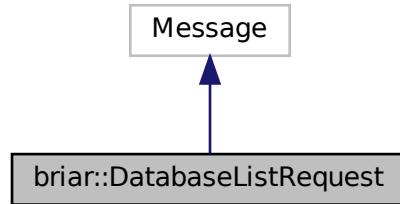
7.77 briar::DatabaseListRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseListRequest:



Collaboration diagram for briar::DatabaseListRequest:



Public Member Functions

- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_regex ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const DatabaseListRequest &from)`
- `DatabaseListRequest ()`
- `DatabaseListRequest (const DatabaseListRequest &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const DatabaseListRequest &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::std::string * mutable_regex ()`
- `DatabaseListRequest * New () const final`
- `DatabaseListRequest * New (::google::protobuf::Arena *arena) const final`
- `DatabaseListRequest & operator= (const DatabaseListRequest &from)`
- `const ::std::string & regex () const`
- `::std::string * release_regex ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_regex (::std::string *regex)`
- `void set_regex (const ::std::string &value)`
- `void set_regex (const char *value)`
- `void set_regex (const char *value, size_t size)`
- `void Swap (DatabaseListRequest *other)`
- `virtual ~DatabaseListRequest ()`

Static Public Member Functions

- `static const DatabaseListRequest & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const DatabaseListRequest * internal_default_instance ()`

Static Public Attributes

- static constexpr int `kIndexInFileMessages`
- static const int `kRegexFieldNumber` = 1

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap` (`DatabaseListRequest &a, DatabaseListRequest &b`)

7.77.1 Constructor & Destructor Documentation

7.77.1.1 `DatabaseListRequest()` [1/2]

```
briar::DatabaseListRequest::DatabaseListRequest ( )
```

7.77.1.2 `~DatabaseListRequest()`

```
briar::DatabaseListRequest::~DatabaseListRequest ( ) [virtual]
```

7.77.1.3 `DatabaseListRequest()` [2/2]

```
briar::DatabaseListRequest::DatabaseListRequest (
    const DatabaseListRequest & from )
```

7.77.2 Member Function Documentation

7.77.2.1 `ByteSizeLong()`

```
size_t briar::DatabaseListRequest::ByteSizeLong ( ) const [final]
```

7.77.2.2 `Clear()`

```
void briar::DatabaseListRequest::Clear ( ) [final]
```

7.77.2.3 clear_regex()

```
void briar::DatabaseListRequest::clear_regex ( ) [inline]
```

7.77.2.4 CopyFrom() [1/2]

```
void briar::DatabaseListRequest::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.77.2.5 CopyFrom() [2/2]

```
void briar::DatabaseListRequest::CopyFrom (
    const DatabaseListRequest & from)
```

7.77.2.6 default_instance()

```
const DatabaseListRequest & briar::DatabaseListRequest::default_instance ( ) [static]
```

7.77.2.7 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseListRequest::descriptor ( ) [static]
```

7.77.2.8 GetCachedSize()

```
int briar::DatabaseListRequest::GetCachedSize ( ) const [inline], [final]
```

7.77.2.9 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseListRequest::GetMetadata ( ) const [final]
```

7.77.2.10 `InitAsDefaultInstance()`

```
void briar::DatabaseListRequest::InitAsDefaultInstance ( ) [static]
```

7.77.2.11 `internal_default_instance()`

```
static const DatabaseListRequest* briar::DatabaseListRequest::internal_default_instance ( )
[inline], [static]
```

7.77.2.12 `InternalSerializeWithCachedSizesToArray()`

```
google::protobuf::uint8 * briar::DatabaseListRequest::InternalSerializeWithCachedSizesToArray
(
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.77.2.13 `IsInitialized()`

```
bool briar::DatabaseListRequest::IsInitialized ( ) const [final]
```

7.77.2.14 `MergeFrom() [1/2]`

```
void briar::DatabaseListRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.77.2.15 `MergeFrom() [2/2]`

```
void briar::DatabaseListRequest::MergeFrom (
    const DatabaseListRequest & from )
```

7.77.2.16 `MergePartialFromCodedStream()`

```
bool briar::DatabaseListRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.77.2.17 mutable_regex()

```
std::string * briar::DatabaseListRequest::mutable_regex ( ) [inline]
```

7.77.2.18 New() [1/2]

```
DatabaseListRequest* briar::DatabaseListRequest::New ( ) const [inline], [final]
```

7.77.2.19 New() [2/2]

```
DatabaseListRequest* briar::DatabaseListRequest::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.77.2.20 operator=()

```
DatabaseListRequest& briar::DatabaseListRequest::operator= ( const DatabaseListRequest & from ) [inline]
```

7.77.2.21 regex()

```
const ::std::string & briar::DatabaseListRequest::regex ( ) const [inline]
```

7.77.2.22 release_regex()

```
std::string * briar::DatabaseListRequest::release_regex ( ) [inline]
```

7.77.2.23 SerializeWithCachedSizes()

```
void briar::DatabaseListRequest::SerializeWithCachedSizes ( ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.77.2.24 `set_allocated_regex()`

```
void briar::DatabaseListRequest::set_allocated_regex (
    ::std::string * regex ) [inline]
```

7.77.2.25 `set_regex()` [1/3]

```
void briar::DatabaseListRequest::set_regex (
    const ::std::string & value ) [inline]
```

7.77.2.26 `set_regex()` [2/3]

```
void briar::DatabaseListRequest::set_regex (
    const char * value ) [inline]
```

7.77.2.27 `set_regex()` [3/3]

```
void briar::DatabaseListRequest::set_regex (
    const char * value,
    size_t size ) [inline]
```

7.77.2.28 `Swap()`

```
void briar::DatabaseListRequest::Swap (
    DatabaseListRequest * other )
```

7.77.3 Friends And Related Function Documentation

7.77.3.1 `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.77.3.2 swap

```
void swap (
    DatabaseListRequest & a,
    DatabaseListRequest & b ) [friend]
```

7.77.4 Member Data Documentation

7.77.4.1 kIndexInFileMessages

```
constexpr int briar::DatabaseListRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 1
```

7.77.4.2 kRegexFieldNumber

```
const int briar::DatabaseListRequest::kRegexFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.78 briar::DatabaseListRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[DatabaseListRequest](#)> [_instance](#)

7.78.1 Member Data Documentation

7.78.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseListRequest> briar::DatabaseListRequestDefaultTypeInternal::_instance
```

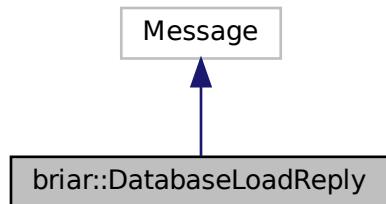
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

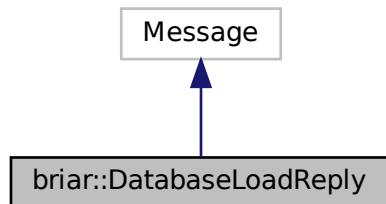
7.79 briar::DatabaseLoadReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseLoadReply:



Collaboration diagram for briar::DatabaseLoadReply:



Public Member Functions

- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [clear_durations \(\)](#)
- void [clear_errors \(\)](#)
- void [clear_exists \(\)](#)
- void [clear_ids \(\)](#)
- void [clear_records \(\)](#)
- void [CopyFrom \(const ::google::protobuf::Message &from\) final](#)
- void [CopyFrom \(const DatabaseLoadReply &from\)](#)
- [DatabaseLoadReply \(\)](#)
- [DatabaseLoadReply \(const DatabaseLoadReply &from\)](#)
- const ::briar::BriarDurations & [durations \(\) const](#)
- const ::briar::BriarErrors & [errors \(\) const](#)
- bool [exists \(\) const](#)

- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_durations () const`
- bool `has_errors () const`
- bool `has_ids () const`
- bool `has_records () const`
- const ::briar::TemplateIds & `ids () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) `const final`
- bool `IsInitialized () const final`
- void `MergeFrom` (const ::google::protobuf::Message &from) `final`
- void `MergeFrom` (const `DatabaseLoadReply` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) `final`
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::BriarErrors * `mutable_errors ()`
- ::briar::TemplateIds * `mutable_ids ()`
- ::briar::RecordList * `mutable_records ()`
- `DatabaseLoadReply` * `New () const final`
- `DatabaseLoadReply` * `New` (::google::protobuf::Arena *arena) `const final`
- `DatabaseLoadReply` & `operator=` (const `DatabaseLoadReply` &from)
- const ::briar::RecordList & `records () const`
- ::briar::BriarDurations * `release_durations ()`
- ::briar::BriarErrors * `release_errors ()`
- ::briar::TemplateIds * `release_ids ()`
- ::briar::RecordList * `release_records ()`
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) `const final`
- void `set_allocated_durations` (::briar::BriarDurations *durations)
- void `set_allocated_errors` (::briar::BriarErrors *errors)
- void `set_allocated_ids` (::briar::TemplateIds *ids)
- void `set_allocated_records` (::briar::RecordList *records)
- void `set_exists` (bool value)
- void `Swap` (`DatabaseLoadReply` *other)
- virtual ~`DatabaseLoadReply` ()

Static Public Member Functions

- static const `DatabaseLoadReply` & `default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseLoadReply` * `internal_default_instance ()`

Static Public Attributes

- static const int `kDurationsFieldNumber` = 3
- static const int `kErrorsFieldNumber` = 4
- static const int `kExistsFieldNumber` = 5
- static const int `kIdsFieldNumber` = 1
- static constexpr int `kIndexInFileMessages`
- static const int `kRecordsFieldNumber` = 2

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void swap (DatabaseLoadReply &a, DatabaseLoadReply &b)

7.79.1 Constructor & Destructor Documentation

7.79.1.1 DatabaseLoadReply() [1/2]

```
briar::DatabaseLoadReply::DatabaseLoadReply ( )
```

7.79.1.2 ~DatabaseLoadReply()

```
briar::DatabaseLoadReply::~DatabaseLoadReply ( ) [virtual]
```

7.79.1.3 DatabaseLoadReply() [2/2]

```
briar::DatabaseLoadReply::DatabaseLoadReply ( 
    const DatabaseLoadReply & from )
```

7.79.2 Member Function Documentation

7.79.2.1 ByteSizeLong()

```
size_t briar::DatabaseLoadReply::ByteSizeLong ( ) const [final]
```

7.79.2.2 Clear()

```
void briar::DatabaseLoadReply::Clear ( ) [final]
```

7.79.2.3 clear_durations()

```
void briar::DatabaseLoadReply::clear_durations ( )
```

7.79.2.4 clear_errors()

```
void briar::DatabaseLoadReply::clear_errors ( )
```

7.79.2.5 clear_exists()

```
void briar::DatabaseLoadReply::clear_exists ( ) [inline]
```

7.79.2.6 clear_ids()

```
void briar::DatabaseLoadReply::clear_ids ( )
```

7.79.2.7 clear_records()

```
void briar::DatabaseLoadReply::clear_records ( )
```

7.79.2.8 CopyFrom() [1/2]

```
void briar::DatabaseLoadReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.79.2.9 CopyFrom() [2/2]

```
void briar::DatabaseLoadReply::CopyFrom (
    const DatabaseLoadReply & from )
```

7.79.2.10 default_instance()

```
const DatabaseLoadReply & briar::DatabaseLoadReply::default_instance ( ) [static]
```

7.79.2.11 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseLoadReply::descriptor ( ) [static]
```

7.79.2.12 durations()

```
const ::briar::BriarDurations & briar::DatabaseLoadReply::durations ( ) const [inline]
```

7.79.2.13 errors()

```
const ::briar::BriarErrors & briar::DatabaseLoadReply::errors ( ) const [inline]
```

7.79.2.14 exists()

```
bool briar::DatabaseLoadReply::exists ( ) const [inline]
```

7.79.2.15 GetCachedSize()

```
int briar::DatabaseLoadReply::GetCachedSize ( ) const [inline], [final]
```

7.79.2.16 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseLoadReply::GetMetadata ( ) const [final]
```

7.79.2.17 has_durations()

```
bool briar::DatabaseLoadReply::has_durations ( ) const [inline]
```

7.79.2.18 has_errors()

```
bool briar::DatabaseLoadReply::has_errors () const [inline]
```

7.79.2.19 has_ids()

```
bool briar::DatabaseLoadReply::has_ids () const [inline]
```

7.79.2.20 has_records()

```
bool briar::DatabaseLoadReply::has_records () const [inline]
```

7.79.2.21 ids()

```
const ::briar::TemplateIds & briar::DatabaseLoadReply::ids () const [inline]
```

7.79.2.22 InitAsDefaultInstance()

```
void briar::DatabaseLoadReply::InitAsDefaultInstance () [static]
```

7.79.2.23 internal_default_instance()

```
static const DatabaseLoadReply* briar::DatabaseLoadReply::internal_default_instance () [inline],  
[static]
```

7.79.2.24 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseLoadReply::InternalSerializeWithCachedSizesToArray (  
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.79.2.25 IsInitialized()

```
bool briar::DatabaseLoadReply::IsInitialized () const [final]
```

7.79.2.26 MergeFrom() [1/2]

```
void briar::DatabaseLoadReply::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.79.2.27 MergeFrom() [2/2]

```
void briar::DatabaseLoadReply::MergeFrom (
    const DatabaseLoadReply & from )
```

7.79.2.28 MergePartialFromCodedStream()

```
bool briar::DatabaseLoadReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.79.2.29 mutable_durations()

```
briar::BriarDurations * briar::DatabaseLoadReply::mutable_durations () [inline]
```

7.79.2.30 mutable_errors()

```
briar::BriarErrors * briar::DatabaseLoadReply::mutable_errors () [inline]
```

7.79.2.31 mutable_ids()

```
briar::TemplateIds * briar::DatabaseLoadReply::mutable_ids () [inline]
```

7.79.2.32 mutable_records()

```
briar::RecordList * briar::DatabaseLoadReply::mutable_records ( ) [inline]
```

7.79.2.33 New() [1/2]

```
DatabaseLoadReply* briar::DatabaseLoadReply::New ( ) const [inline], [final]
```

7.79.2.34 New() [2/2]

```
DatabaseLoadReply* briar::DatabaseLoadReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.79.2.35 operator=()

```
DatabaseLoadReply& briar::DatabaseLoadReply::operator= ( const DatabaseLoadReply & from ) [inline]
```

7.79.2.36 records()

```
const ::briar::RecordList & briar::DatabaseLoadReply::records ( ) const [inline]
```

7.79.2.37 release_durations()

```
briar::BriarDurations * briar::DatabaseLoadReply::release_durations ( ) [inline]
```

7.79.2.38 release_errors()

```
briar::BriarErrors * briar::DatabaseLoadReply::release_errors ( ) [inline]
```

7.79.2.39 release_ids()

```
briar::TemplateIds * briar::DatabaseLoadReply::release_ids ( ) [inline]
```

7.79.2.40 release_records()

```
briar::RecordList * briar::DatabaseLoadReply::release_records ( ) [inline]
```

7.79.2.41 SerializeWithCachedSizes()

```
void briar::DatabaseLoadReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.79.2.42 set_allocated_durations()

```
void briar::DatabaseLoadReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.79.2.43 set_allocated_errors()

```
void briar::DatabaseLoadReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.79.2.44 set_allocated_ids()

```
void briar::DatabaseLoadReply::set_allocated_ids (
    ::briar::TemplateIds * ids ) [inline]
```

7.79.2.45 set_allocated_records()

```
void briar::DatabaseLoadReply::set_allocated_records (
    ::briar::RecordList * records ) [inline]
```

7.79.2.46 set_exists()

```
void briar::DatabaseLoadReply::set_exists (
    bool value ) [inline]
```

7.79.2.47 Swap()

```
void briar::DatabaseLoadReply::Swap (
    DatabaseLoadReply * other )
```

7.79.3 Friends And Related Function Documentation**7.79.3.1 ::protobuf_briar_2fbriar_5fgRPC_2fbriar_5fService_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgRPC_2fbriar_5fService_2eproto::TableStruct [friend]
```

7.79.3.2 swap

```
void swap (
    DatabaseLoadReply & a,
    DatabaseLoadReply & b ) [friend]
```

7.79.4 Member Data Documentation**7.79.4.1 kDurationsFieldNumber**

```
const int briar::DatabaseLoadReply::kDurationsFieldNumber = 3 [static]
```

7.79.4.2 kErrorsFieldNumber

```
const int briar::DatabaseLoadReply::kErrorsFieldNumber = 4 [static]
```

7.79.4.3 kExistsFieldNumber

```
const int briar::DatabaseLoadReply::kExistsFieldNumber = 5 [static]
```

7.79.4.4 kIdsFieldNumber

```
const int briar::DatabaseLoadReply::kIdsFieldNumber = 1 [static]
```

7.79.4.5 kIndexInFileMessages

```
constexpr int briar::DatabaseLoadReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 12
```

7.79.4.6 kRecordsFieldNumber

```
const int briar::DatabaseLoadReply::kRecordsFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.80 briar::DatabaseLoadReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseLoadReply](#) > [_instance](#)

7.80.1 Member Data Documentation

7.80.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseLoadReply> briar::DatabaseLoadDefaultTypeInternal::\_instance
```

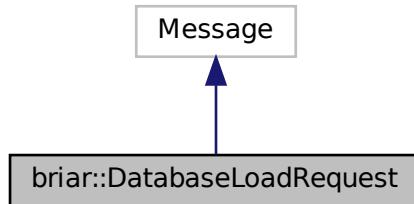
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

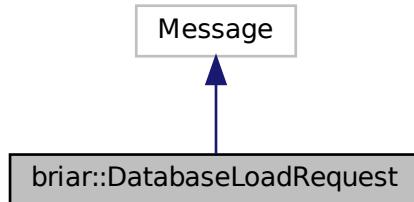
7.81 briar::DatabaseLoadRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseLoadRequest:



Collaboration diagram for briar::DatabaseLoadRequest:



Public Member Functions

- size_t [ByteSizeLong](#) () const final
- void [Clear](#) () final
- void [clear_database_name](#) ()
- void [clear_durations](#) ()
- void [CopyFrom](#) (const ::google::protobuf::Message &from) final
- void [CopyFrom](#) (const [DatabaseLoadRequest](#) &from)
- const ::std::string & [database_name](#) () const
- [DatabaseLoadRequest](#) ()
- [DatabaseLoadRequest](#) (const [DatabaseLoadRequest](#) &from)
- const ::briar::BriarDurations & [durations](#) () const
- int [GetCachedSize](#) () const final
- ::google::protobuf::Metadata [GetMetadata](#) () const final
- bool [has_durations](#) () const

- ::google::protobuf::uint8 * [InternalSerializeWithCachedSizesToArray](#) (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool [IsInitialized](#) () const final
- void [MergeFrom](#) (const ::google::protobuf::Message &from) final
- void [MergeFrom](#) (const [DatabaseLoadRequest](#) &from)
- bool [MergePartialFromCodedStream](#) (::google::protobuf::io::CodedInputStream *input) final
- ::std::string * [mutable_database_name](#) ()
- ::briar::BriarDurations * [mutable_durations](#) ()
- [DatabaseLoadRequest](#) * [New](#) () const final
- [DatabaseLoadRequest](#) * [New](#) (::google::protobuf::Arena *arena) const final
- [DatabaseLoadRequest](#) & [operator=](#) (const [DatabaseLoadRequest](#) &from)
- ::std::string * [release_database_name](#) ()
- ::briar::BriarDurations * [release_durations](#) ()
- void [SerializeWithCachedSizes](#) (::google::protobuf::io::CodedOutputStream *output) const final
- void [set_allocated_database_name](#) (::std::string *database_name)
- void [set_allocated_durations](#) (::briar::BriarDurations *durations)
- void [set_database_name](#) (const ::std::string &value)
- void [set_database_name](#) (const char *value)
- void [set_database_name](#) (const char *value, size_t size)
- void [Swap](#) ([DatabaseLoadRequest](#) *other)
- virtual ~[DatabaseLoadRequest](#) ()

Static Public Member Functions

- static const [DatabaseLoadRequest](#) & [default_instance](#) ()
- static const ::google::protobuf::Descriptor * [descriptor](#) ()
- static void [InitAsDefaultInstance](#) ()
- static const [DatabaseLoadRequest](#) * [internal_default_instance](#) ()

Static Public Attributes

- static const int [kDatabaseNameFieldNumber](#) = 1
- static const int [kDurationsFieldNumber](#) = 2
- static constexpr int [kIndexInFileMessages](#)

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void [swap](#) ([DatabaseLoadRequest](#) &a, [DatabaseLoadRequest](#) &b)

7.81.1 Constructor & Destructor Documentation

7.81.1.1 [DatabaseLoadRequest\(\)](#) [1/2]

```
briar::DatabaseLoadRequest::DatabaseLoadRequest ( )
```

7.81.1.2 ~DatabaseLoadRequest()

```
briar::DatabaseLoadRequest::~DatabaseLoadRequest ( ) [virtual]
```

7.81.1.3 DatabaseLoadRequest() [2/2]

```
briar::DatabaseLoadRequest::DatabaseLoadRequest (
    const DatabaseLoadRequest & from )
```

7.81.2 Member Function Documentation

7.81.2.1 ByteSizeLong()

```
size_t briar::DatabaseLoadRequest::ByteSizeLong ( ) const [final]
```

7.81.2.2 Clear()

```
void briar::DatabaseLoadRequest::Clear ( ) [final]
```

7.81.2.3 clear_database_name()

```
void briar::DatabaseLoadRequest::clear_database_name ( ) [inline]
```

7.81.2.4 clear_durations()

```
void briar::DatabaseLoadRequest::clear_durations ( )
```

7.81.2.5 CopyFrom() [1/2]

```
void briar::DatabaseLoadRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.81.2.6 CopyFrom() [2/2]

```
void briar::DatabaseLoadRequest::CopyFrom (
    const DatabaseLoadRequest & from )
```

7.81.2.7 database_name()

```
const ::std::string & briar::DatabaseLoadRequest::database_name ( ) const [inline]
```

7.81.2.8 default_instance()

```
const DatabaseLoadRequest & briar::DatabaseLoadRequest::default_instance ( ) [static]
```

7.81.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseLoadRequest::descriptor ( ) [static]
```

7.81.2.10 durations()

```
const ::briar::BriarDurations & briar::DatabaseLoadRequest::durations ( ) const [inline]
```

7.81.2.11 GetCachedSize()

```
int briar::DatabaseLoadRequest::GetCachedSize ( ) const [inline], [final]
```

7.81.2.12 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseLoadRequest::GetMetadata ( ) const [final]
```

7.81.2.13 has_durations()

```
bool briar::DatabaseLoadRequest::has_durations () const [inline]
```

7.81.2.14 InitAsDefaultInstance()

```
void briar::DatabaseLoadRequest::InitAsDefaultInstance () [static]
```

7.81.2.15 internal_default_instance()

```
static const DatabaseLoadRequest* briar::DatabaseLoadRequest::internal_default_instance ()  
[inline], [static]
```

7.81.2.16 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseLoadRequest::InternalSerializeWithCachedSizesToArray  
(  
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.81.2.17 IsInitialized()

```
bool briar::DatabaseLoadRequest::IsInitialized () const [final]
```

7.81.2.18 MergeFrom() [1/2]

```
void briar::DatabaseLoadRequest::MergeFrom (  
    const ::google::protobuf::Message & from ) [final]
```

7.81.2.19 MergeFrom() [2/2]

```
void briar::DatabaseLoadRequest::MergeFrom (  
    const DatabaseLoadRequest & from )
```

7.81.2.20 MergePartialFromCodedStream()

```
bool briar::DatabaseLoadRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.81.2.21 mutable_database_name()

```
std::string * briar::DatabaseLoadRequest::mutable_database_name ( ) [inline]
```

7.81.2.22 mutable_durations()

```
briar::BriarDurations * briar::DatabaseLoadRequest::mutable_durations ( ) [inline]
```

7.81.2.23 New() [1/2]

```
DatabaseLoadRequest* briar::DatabaseLoadRequest::New ( ) const [inline], [final]
```

7.81.2.24 New() [2/2]

```
DatabaseLoadRequest* briar::DatabaseLoadRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.81.2.25 operator=(*)

```
DatabaseLoadRequest& briar::DatabaseLoadRequest::operator= (
    const DatabaseLoadRequest & from ) [inline]
```

7.81.2.26 release_database_name()

```
std::string * briar::DatabaseLoadRequest::release_database_name ( ) [inline]
```

7.81.2.27 release_durations()

```
briar::BriarDurations * briar::DatabaseLoadRequest::release_durations ( ) [inline]
```

7.81.2.28 SerializeWithCachedSizes()

```
void briar::DatabaseLoadRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.81.2.29 set_allocated_database_name()

```
void briar::DatabaseLoadRequest::set_allocated_database_name (
    ::std::string * database_name ) [inline]
```

7.81.2.30 set_allocated_durations()

```
void briar::DatabaseLoadRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.81.2.31 set_database_name() [1/3]

```
void briar::DatabaseLoadRequest::set_database_name (
    const ::std::string & value ) [inline]
```

7.81.2.32 set_database_name() [2/3]

```
void briar::DatabaseLoadRequest::set_database_name (
    const char * value ) [inline]
```

7.81.2.33 set_database_name() [3/3]

```
void briar::DatabaseLoadRequest::set_database_name (
    const char * value,
    size_t size ) [inline]
```

7.81.2.34 Swap()

```
void briar::DatabaseLoadRequest::Swap (
    DatabaseLoadRequest * other )
```

7.81.3 Friends And Related Function Documentation

7.81.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.81.3.2 swap

```
void swap (
    DatabaseLoadRequest & a,
    DatabaseLoadRequest & b ) [friend]
```

7.81.4 Member Data Documentation

7.81.4.1 kDatabaseNameFieldNumber

```
const int briar::DatabaseLoadRequest::kDatabaseNameFieldNumber = 1 [static]
```

7.81.4.2 kDurationsFieldNumber

```
const int briar::DatabaseLoadRequest::kDurationsFieldNumber = 2 [static]
```

7.81.4.3 kIndexInFileMessages

```
constexpr int briar::DatabaseLoadRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 11
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.82 briar::DatabaseLoadRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< DatabaseLoadRequest > _instance

7.82.1 Member Data Documentation

7.82.1.1 _instance

::google::protobuf::internal::ExplicitlyConstructed<DatabaseLoadRequest> briar::DatabaseLoadRequestDefaultTypeInternal::_instance

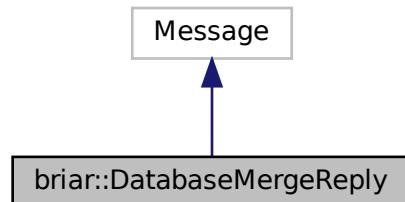
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

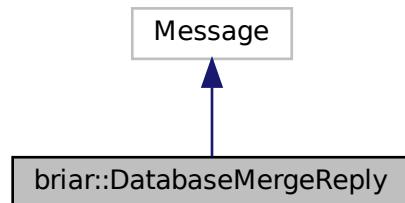
7.83 briar::DatabaseMergeReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseMergeReply:



Collaboration diagram for briar::DatabaseMergeReply:



Public Member Functions

- void `add_exists` (bool value)
- size_t `ByteSizeLong` () const final
- void `Clear` () final
- void `clear_durations` ()
- void `clear_entry_count` ()
- void `clear_exists` ()
- void `CopyFrom` (const ::google::protobuf::Message &from) final
- void `CopyFrom` (const `DatabaseMergeReply` &from)
- `DatabaseMergeReply` ()
- `DatabaseMergeReply` (const `DatabaseMergeReply` &from)
- const ::briar::BriarDurations & `durations` () const
- ::google::protobuf::int64 `entry_count` () const
- const ::google::protobuf::RepeatedField< bool > & `exists` () const
- bool `exists` (int index) const
- int `exists_size` () const
- int `GetCachedSize` () const final
- ::google::protobuf::Metadata `GetMetadata` () const final
- bool `has_durations` () const
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized` () const final
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `DatabaseMergeReply` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BriarDurations * `mutable_durations` ()
- ::google::protobuf::RepeatedField< bool > * `mutable_exists` ()
- `DatabaseMergeReply` * `New` () const final
- `DatabaseMergeReply` * `New` (::google::protobuf::Arena *arena) const final
- `DatabaseMergeReply` & `operator=` (const `DatabaseMergeReply` &from)
- ::briar::BriarDurations * `release_durations` ()
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_allocated_durations` (::briar::BriarDurations *durations)
- void `set_entry_count` (::google::protobuf::int64 value)
- void `set_exists` (int index, bool value)
- void `Swap` (`DatabaseMergeReply` *other)
- virtual ~`DatabaseMergeReply` ()

Static Public Member Functions

- static const `DatabaseMergeReply` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `DatabaseMergeReply` * `internal_default_instance` ()

Static Public Attributes

- static const int `kDurationsFieldNumber` = 1
- static const int `kEntryCountFieldNumber` = 2
- static const int `kExistsFieldNumber` = 4
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void swap (DatabaseMergeReply &a, DatabaseMergeReply &b)

7.83.1 Constructor & Destructor Documentation

7.83.1.1 DatabaseMergeReply() [1/2]

```
briar::DatabaseMergeReply::DatabaseMergeReply ( )
```

7.83.1.2 ~DatabaseMergeReply()

```
briar::DatabaseMergeReply::~DatabaseMergeReply ( ) [virtual]
```

7.83.1.3 DatabaseMergeReply() [2/2]

```
briar::DatabaseMergeReply::DatabaseMergeReply (
    const DatabaseMergeReply & from )
```

7.83.2 Member Function Documentation

7.83.2.1 add_exists()

```
void briar::DatabaseMergeReply::add_exists (
    bool value ) [inline]
```

7.83.2.2 ByteSizeLong()

```
size_t briar::DatabaseMergeReply::ByteSizeLong ( ) const [final]
```

7.83.2.3 `Clear()`

```
void briar::DatabaseMergeReply::Clear ( ) [final]
```

7.83.2.4 `clear_durations()`

```
void briar::DatabaseMergeReply::clear_durations ( )
```

7.83.2.5 `clear_entry_count()`

```
void briar::DatabaseMergeReply::clear_entry_count ( ) [inline]
```

7.83.2.6 `clear_exists()`

```
void briar::DatabaseMergeReply::clear_exists ( ) [inline]
```

7.83.2.7 `CopyFrom() [1/2]`

```
void briar::DatabaseMergeReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.83.2.8 `CopyFrom() [2/2]`

```
void briar::DatabaseMergeReply::CopyFrom (
    const DatabaseMergeReply & from )
```

7.83.2.9 `default_instance()`

```
const DatabaseMergeReply & briar::DatabaseMergeReply::default_instance ( ) [static]
```

7.83.2.10 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseMergeReply::descriptor () [static]
```

7.83.2.11 durations()

```
const ::briar::BriarDurations & briar::DatabaseMergeReply::durations () const [inline]
```

7.83.2.12 entry_count()

```
google::protobuf::int64 briar::DatabaseMergeReply::entry_count () const [inline]
```

7.83.2.13 exists() [1/2]

```
const ::google::protobuf::RepeatedField< bool > & briar::DatabaseMergeReply::exists () const [inline]
```

7.83.2.14 exists() [2/2]

```
bool briar::DatabaseMergeReply::exists (
    int index ) const [inline]
```

7.83.2.15 exists_size()

```
int briar::DatabaseMergeReply::exists_size () const [inline]
```

7.83.2.16 GetCachedSize()

```
int briar::DatabaseMergeReply::GetCachedSize () const [inline], [final]
```

7.83.2.17 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseMergeReply::GetMetadata ( ) const [final]
```

7.83.2.18 has_durations()

```
bool briar::DatabaseMergeReply::has_durations ( ) const [inline]
```

7.83.2.19 InitAsDefaultInstance()

```
void briar::DatabaseMergeReply::InitAsDefaultInstance ( ) [static]
```

7.83.2.20 internal_default_instance()

```
static const DatabaseMergeReply* briar::DatabaseMergeReply::internal_default_instance ( ) [inline], [static]
```

7.83.2.21 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseMergeReply::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.83.2.22 IsInitialized()

```
bool briar::DatabaseMergeReply::IsInitialized ( ) const [final]
```

7.83.2.23 MergeFrom() [1/2]

```
void briar::DatabaseMergeReply::MergeFrom ( const ::google::protobuf::Message & from ) [final]
```

7.83.2.24 MergeFrom() [2/2]

```
void briar::DatabaseMergeReply::MergeFrom (
    const DatabaseMergeReply & from )
```

7.83.2.25 MergePartialFromCodedStream()

```
bool briar::DatabaseMergeReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.83.2.26 mutable_durations()

```
briar::BriarDurations * briar::DatabaseMergeReply::mutable_durations () [inline]
```

7.83.2.27 mutable_exists()

```
google::protobuf::RepeatedField< bool > * briar::DatabaseMergeReply::mutable_exists () [inline]
```

7.83.2.28 New() [1/2]

```
DatabaseMergeReply* briar::DatabaseMergeReply::New () const [inline], [final]
```

7.83.2.29 New() [2/2]

```
DatabaseMergeReply* briar::DatabaseMergeReply::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.83.2.30 operator=()

```
DatabaseMergeReply& briar::DatabaseMergeReply::operator= (
    const DatabaseMergeReply & from ) [inline]
```

7.83.2.31 `release_durations()`

```
briar::BriarDurations * briar::DatabaseMergeReply::release_durations ( ) [inline]
```

7.83.2.32 `SerializeWithCachedSizes()`

```
void briar::DatabaseMergeReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.83.2.33 `set_allocated_durations()`

```
void briar::DatabaseMergeReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.83.2.34 `set_entry_count()`

```
void briar::DatabaseMergeReply::set_entry_count (
    ::google::protobuf::int64 value ) [inline]
```

7.83.2.35 `set_exists()`

```
void briar::DatabaseMergeReply::set_exists (
    int index,
    bool value ) [inline]
```

7.83.2.36 `Swap()`

```
void briar::DatabaseMergeReply::Swap (
    DatabaseMergeReply * other )
```

7.83.3 Friends And Related Function Documentation

7.83.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2епрото::TableStruct

```
friend struct :: protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2епрото::TableStruct [friend]
```

7.83.3.2 swap

```
void swap (
    DatabaseMergeReply & a,
    DatabaseMergeReply & b ) [friend]
```

7.83.4 Member Data Documentation

7.83.4.1 kDurationsFieldNumber

```
const int briar::DatabaseMergeReply::kDurationsFieldNumber = 1 [static]
```

7.83.4.2 kEntryCountFieldNumber

```
const int briar::DatabaseMergeReply::kEntryCountFieldNumber = 2 [static]
```

7.83.4.3 kExistsFieldNumber

```
const int briar::DatabaseMergeReply::kExistsFieldNumber = 4 [static]
```

7.83.4.4 kIndexInFileMessages

```
constexpr int briar::DatabaseMergeReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 18
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.84 briar::DatabaseMergeReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseMergeReply](#) > `_instance`

7.84.1 Member Data Documentation

7.84.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed<DatabaseMergeReply> briar::DatabaseMergeReplyDefaultTypeInternal::_instance`

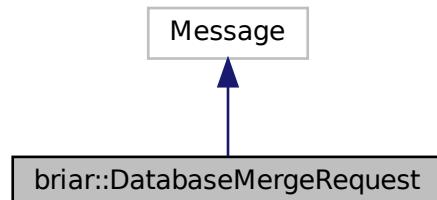
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/grpc/[briar_service.pb.cc](#)

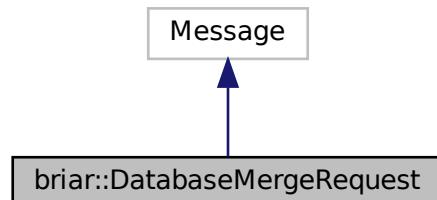
7.85 briar::DatabaseMergeRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseMergeRequest:



Collaboration diagram for briar::DatabaseMergeRequest:



Public Member Functions

- ::briar::BriarDatabase * `add_database_list ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_database_list ()`
- `void clear_durations ()`
- `void clear_output_database ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const DatabaseMergeRequest &from)`
- `const ::google::protobuf::RepeatedPtrField< ::briar::BriarDatabase > & database_list () const`
- `const ::briar::BriarDatabase & database_list (int index) const`
- `int database_list_size () const`
- `DatabaseMergeRequest ()`
- `DatabaseMergeRequest (const DatabaseMergeRequest &from)`
- `const ::briar::BriarDurations & durations () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_durations () const`
- `bool has_output_database () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const DatabaseMergeRequest &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::briar::BriarDatabase > * mutable_database_list ()`
- `::briar::BriarDatabase * mutable_database_list (int index)`
- `::briar::BriarDurations * mutable_durations ()`
- `::briar::BriarDatabase * mutable_output_database ()`
- `DatabaseMergeRequest * New () const final`
- `DatabaseMergeRequest * New (::google::protobuf::Arena *arena) const final`
- `DatabaseMergeRequest & operator= (const DatabaseMergeRequest &from)`
- `const ::briar::BriarDatabase & output_database () const`
- `::briar::BriarDurations * release_durations ()`
- `::briar::BriarDatabase * release_output_database ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_durations (::briar::BriarDurations *durations)`
- `void set_allocated_output_database (::briar::BriarDatabase *output_database)`
- `void Swap (DatabaseMergeRequest *other)`
- `virtual ~DatabaseMergeRequest ()`

Static Public Member Functions

- `static const DatabaseMergeRequest & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const DatabaseMergeRequest * internal_default_instance ()`

Static Public Attributes

- `static const int kDatabaseListFieldNumber = 1`
- `static const int kDurationsFieldNumber = 3`
- `static constexpr int kIndexInFileMessages`
- `static const int kOutputDatabaseFieldNumber = 2`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void swap (DatabaseMergeRequest &a, DatabaseMergeRequest &b)

7.85.1 Constructor & Destructor Documentation

7.85.1.1 DatabaseMergeRequest() [1/2]

```
briar::DatabaseMergeRequest::DatabaseMergeRequest ( )
```

7.85.1.2 ~DatabaseMergeRequest()

```
briar::DatabaseMergeRequest::~DatabaseMergeRequest ( ) [virtual]
```

7.85.1.3 DatabaseMergeRequest() [2/2]

```
briar::DatabaseMergeRequest::DatabaseMergeRequest ( const DatabaseMergeRequest & from )
```

7.85.2 Member Function Documentation

7.85.2.1 add_database_list()

```
briar::BriarDatabase * briar::DatabaseMergeRequest::add_database_list ( ) [inline]
```

7.85.2.2 ByteSizeLong()

```
size_t briar::DatabaseMergeRequest::ByteSizeLong ( ) const [final]
```

7.85.2.3 Clear()

```
void briar::DatabaseMergeRequest::Clear ( ) [final]
```

7.85.2.4 clear_database_list()

```
void briar::DatabaseMergeRequest::clear_database_list ( )
```

7.85.2.5 clear_durations()

```
void briar::DatabaseMergeRequest::clear_durations ( )
```

7.85.2.6 clear_output_database()

```
void briar::DatabaseMergeRequest::clear_output_database ( )
```

7.85.2.7 CopyFrom() [1/2]

```
void briar::DatabaseMergeRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.85.2.8 CopyFrom() [2/2]

```
void briar::DatabaseMergeRequest::CopyFrom (
    const DatabaseMergeRequest & from )
```

7.85.2.9 database_list() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::BriarDatabase> & briar::DatabaseMergeRequest::database_list ( ) const [inline]
```

7.85.2.10 database_list() [2/2]

```
const ::briar::BriarDatabase & briar::DatabaseMergeRequest::database_list (
    int index ) const [inline]
```

7.85.2.11 database_list_size()

```
int briar::DatabaseMergeRequest::database_list_size () const [inline]
```

7.85.2.12 default_instance()

```
const DatabaseMergeRequest & briar::DatabaseMergeRequest::default_instance () [static]
```

7.85.2.13 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseMergeRequest::descriptor () [static]
```

7.85.2.14 durations()

```
const ::briar::BriarDurations & briar::DatabaseMergeRequest::durations () const [inline]
```

7.85.2.15 GetCachedSize()

```
int briar::DatabaseMergeRequest::GetCachedSize () const [inline], [final]
```

7.85.2.16 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseMergeRequest::GetMetadata () const [final]
```

7.85.2.17 has_durations()

```
bool briar::DatabaseMergeRequest::has_durations ( ) const [inline]
```

7.85.2.18 has_output_database()

```
bool briar::DatabaseMergeRequest::has_output_database ( ) const [inline]
```

7.85.2.19 InitAsDefaultInstance()

```
void briar::DatabaseMergeRequest::InitAsDefaultInstance ( ) [static]
```

7.85.2.20 internal_default_instance()

```
static const DatabaseMergeRequest* briar::DatabaseMergeRequest::internal_default_instance ( ) [inline], [static]
```

7.85.2.21 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8* briar::DatabaseMergeRequest::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8* target ) const [final]
```

7.85.2.22 IsInitialized()

```
bool briar::DatabaseMergeRequest::IsInitialized ( ) const [final]
```

7.85.2.23 MergeFrom() [1/2]

```
void briar::DatabaseMergeRequest::MergeFrom ( const ::google::protobuf::Message& from ) [final]
```

7.85.2.24 MergeFrom() [2/2]

```
void briar::DatabaseMergeRequest::MergeFrom (
    const DatabaseMergeRequest & from )
```

7.85.2.25 MergePartialFromCodedStream()

```
bool briar::DatabaseMergeRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.85.2.26 mutable_database_list() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::BriarDatabase> * briar::DatabaseMergeRequest::mutable_database_list ( ) [inline]
```

7.85.2.27 mutable_database_list() [2/2]

```
briar::BriarDatabase * briar::DatabaseMergeRequest::mutable_database_list (
    int index ) [inline]
```

7.85.2.28 mutable_durations()

```
briar::BriarDurations * briar::DatabaseMergeRequest::mutable_durations ( ) [inline]
```

7.85.2.29 mutable_output_database()

```
briar::BriarDatabase * briar::DatabaseMergeRequest::mutable_output_database ( ) [inline]
```

7.85.2.30 New() [1/2]

```
DatabaseMergeRequest* briar::DatabaseMergeRequest::New ( ) const [inline], [final]
```

7.85.2.31 New() [2/2]

```
DatabaseMergeRequest* briar::DatabaseMergeRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.85.2.32 operator=(*)

```
DatabaseMergeRequest& briar::DatabaseMergeRequest::operator= (
    const DatabaseMergeRequest & from ) [inline]
```

7.85.2.33 output_database()

```
const ::briar::BriarDatabase & briar::DatabaseMergeRequest::output_database () const [inline]
```

7.85.2.34 release_durations()

```
briar::BriarDurations * briar::DatabaseMergeRequest::release_durations () [inline]
```

7.85.2.35 release_output_database()

```
briar::BriarDatabase * briar::DatabaseMergeRequest::release_output_database () [inline]
```

7.85.2.36 SerializeWithCachedSizes()

```
void briar::DatabaseMergeRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.85.2.37 set_allocated_durations()

```
void briar::DatabaseMergeRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.85.2.38 `set_allocated_output_database()`

```
void briar::DatabaseMergeRequest::set_allocated_output_database (
    ::briar::BriarDatabase * output_database ) [inline]
```

7.85.2.39 `Swap()`

```
void briar::DatabaseMergeRequest::Swap (
    DatabaseMergeRequest * other )
```

7.85.3 Friends And Related Function Documentation

7.85.3.1 `::protobuf_briar_2fbriar_5fgRPC_2fbriar_5fService_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgRPC_2fbriar_5fService_2eproto::TableStruct [friend]
```

7.85.3.2 `swap`

```
void swap (
    DatabaseMergeRequest & a,
    DatabaseMergeRequest & b ) [friend]
```

7.85.4 Member Data Documentation

7.85.4.1 `kDatabaseListFieldNumber`

```
const int briar::DatabaseMergeRequest::kDatabaseListFieldNumber = 1 [static]
```

7.85.4.2 `kDurationsFieldNumber`

```
const int briar::DatabaseMergeRequest::kDurationsFieldNumber = 3 [static]
```

7.85.4.3 kIndexInFileMessages

```
constexpr int briar::DatabaseMergeRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 17
```

7.85.4.4 kOutputDatabaseFieldNumber

```
const int briar::DatabaseMergeRequest::kOutputDatabaseFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.86 briar::DatabaseMergeRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[DatabaseMergeRequest](#)> [_instance](#)

7.86.1 Member Data Documentation

7.86.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseMergeRequest> briar::DatabaseMergeRequestDefaultTypeInternal::\_instance
```

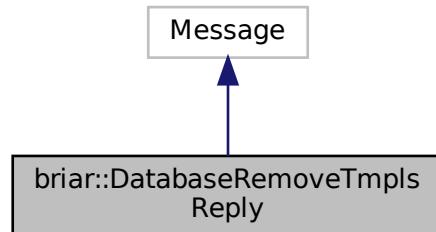
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

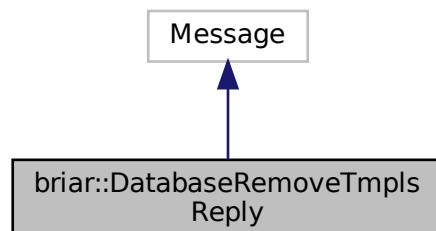
7.87 briar::DatabaseRemoveTmplsReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseRemoveTmplsReply:



Collaboration diagram for briar::DatabaseRemoveTmplsReply:



Public Member Functions

- size_t [ByteSizeLong](#) () const final
- void [Clear](#) () final
- void [clear_durations](#) ()
- void [clear_errors](#) ()
- void [CopyFrom](#) (const ::google::protobuf::Message &from) final
- void [CopyFrom](#) (const [DatabaseRemoveTmplsReply](#) &from)
- [DatabaseRemoveTmplsReply](#) ()
- [DatabaseRemoveTmplsReply](#) (const [DatabaseRemoveTmplsReply](#) &from)
- const ::briar::BriarDurations & [durations](#) () const
- const ::briar::BriarErrors & [errors](#) () const
- int [GetCachedSize](#) () const final
- ::google::protobuf::Metadata [GetMetadata](#) () const final

- bool `has_durations () const`
- bool `has_errors () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized () const final`
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `DatabaseRemoveTmplsReply` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::BriarErrors * `mutable_errors ()`
- `DatabaseRemoveTmplsReply` * `New () const final`
- `DatabaseRemoveTmplsReply` * `New (::google::protobuf::Arena *arena) const final`
- `DatabaseRemoveTmplsReply` & `operator=` (const `DatabaseRemoveTmplsReply` &from)
- ::briar::BriarDurations * `release_durations ()`
- ::briar::BriarErrors * `release_errors ()`
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_allocated_durations` (::briar::BriarDurations *durations)
- void `set_allocated_errors` (::briar::BriarErrors *errors)
- void `Swap` (`DatabaseRemoveTmplsReply` *other)
- virtual ~`DatabaseRemoveTmplsReply` ()

Static Public Member Functions

- static const `DatabaseRemoveTmplsReply` & `default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseRemoveTmplsReply` * `internal_default_instance ()`

Static Public Attributes

- static const int `kDurationsFieldNumber` = 1
- static const int `kErrorsFieldNumber` = 2
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void `swap` (`DatabaseRemoveTmplsReply` &a, `DatabaseRemoveTmplsReply` &b)

7.87.1 Constructor & Destructor Documentation

7.87.1.1 DatabaseRemoveTmplsReply() [1/2]

```
briar::DatabaseRemoveTmplsReply::DatabaseRemoveTmplsReply ( )
```

7.87.1.2 ~DatabaseRemoveTmplsReply()

```
briar::DatabaseRemoveTmplsReply::~DatabaseRemoveTmplsReply ( ) [virtual]
```

7.87.1.3 DatabaseRemoveTmplsReply() [2/2]

```
briar::DatabaseRemoveTmplsReply::DatabaseRemoveTmplsReply ( const DatabaseRemoveTmplsReply & from )
```

7.87.2 Member Function Documentation

7.87.2.1 ByteSizeLong()

```
size_t briar::DatabaseRemoveTmplsReply::ByteSizeLong ( ) const [final]
```

7.87.2.2 Clear()

```
void briar::DatabaseRemoveTmplsReply::Clear ( ) [final]
```

7.87.2.3 clear_durations()

```
void briar::DatabaseRemoveTmplsReply::clear_durations ( )
```

7.87.2.4 clear_errors()

```
void briar::DatabaseRemoveTmplsReply::clear_errors ( )
```

7.87.2.5 CopyFrom() [1/2]

```
void briar::DatabaseRemoveTmplsReply::CopyFrom ( const ::google::protobuf::Message & from ) [final]
```

7.87.2.6 CopyFrom() [2/2]

```
void briar::DatabaseRemoveTmplsReply::CopyFrom (
    const DatabaseRemoveTmplsReply & from )
```

7.87.2.7 default_instance()

```
const DatabaseRemoveTmplsReply & briar::DatabaseRemoveTmplsReply::default_instance () [static]
```

7.87.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseRemoveTmplsReply::descriptor () [static]
```

7.87.2.9 durations()

```
const ::briar::BriarDurations & briar::DatabaseRemoveTmplsReply::durations () const [inline]
```

7.87.2.10 errors()

```
const ::briar::BriarErrors & briar::DatabaseRemoveTmplsReply::errors () const [inline]
```

7.87.2.11 GetCachedSize()

```
int briar::DatabaseRemoveTmplsReply::GetCachedSize () const [inline], [final]
```

7.87.2.12 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseRemoveTmplsReply::GetMetadata () const [final]
```

7.87.2.13 has_durations()

```
bool briar::DatabaseRemoveTmplsReply::has_durations ( ) const [inline]
```

7.87.2.14 has_errors()

```
bool briar::DatabaseRemoveTmplsReply::has_errors ( ) const [inline]
```

7.87.2.15 InitAsDefaultInstance()

```
void briar::DatabaseRemoveTmplsReply::InitAsDefaultInstance ( ) [static]
```

7.87.2.16 internal_default_instance()

```
static const DatabaseRemoveTmplsReply* briar::DatabaseRemoveTmplsReply::internal_default_<--  
instance ( ) [inline], [static]
```

7.87.2.17 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseRemoveTmplsReply::InternalSerializeWithCachedSizesTo<--  
Array (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.87.2.18 IsInitialized()

```
bool briar::DatabaseRemoveTmplsReply::IsInitialized ( ) const [final]
```

7.87.2.19 MergeFrom() [1/2]

```
void briar::DatabaseRemoveTmplsReply::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.87.2.20 MergeFrom() [2/2]

```
void briar::DatabaseRemoveTmplsReply::MergeFrom (
    const DatabaseRemoveTmplsReply & from )
```

7.87.2.21 MergePartialFromCodedStream()

```
bool briar::DatabaseRemoveTmplsReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.87.2.22 mutable_durations()

```
briar::BriarDurations * briar::DatabaseRemoveTmplsReply::mutable_durations () [inline]
```

7.87.2.23 mutable_errors()

```
briar::BriarErrors * briar::DatabaseRemoveTmplsReply::mutable_errors () [inline]
```

7.87.2.24 New() [1/2]

```
DatabaseRemoveTmplsReply* briar::DatabaseRemoveTmplsReply::New () const [inline], [final]
```

7.87.2.25 New() [2/2]

```
DatabaseRemoveTmplsReply* briar::DatabaseRemoveTmplsReply::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.87.2.26 operator=()

```
DatabaseRemoveTmplsReply& briar::DatabaseRemoveTmplsReply::operator= (
    const DatabaseRemoveTmplsReply & from ) [inline]
```

7.87.2.27 `release_durations()`

```
briar::BriarDurations * briar::DatabaseRemoveTmplsReply::release_durations ( ) [inline]
```

7.87.2.28 `release_errors()`

```
briar::BriarErrors * briar::DatabaseRemoveTmplsReply::release_errors ( ) [inline]
```

7.87.2.29 `SerializeWithCachedSizes()`

```
void briar::DatabaseRemoveTmplsReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.87.2.30 `set_allocated_durations()`

```
void briar::DatabaseRemoveTmplsReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.87.2.31 `set_allocated_errors()`

```
void briar::DatabaseRemoveTmplsReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.87.2.32 `Swap()`

```
void briar::DatabaseRemoveTmplsReply::Swap (
    DatabaseRemoveTmplsReply * other )
```

7.87.3 Friends And Related Function Documentation

7.87.3.1 `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.87.3.2 swap

```
void swap (
    DatabaseRemoveTmplsReply & a,
    DatabaseRemoveTmplsReply & b ) [friend]
```

7.87.4 Member Data Documentation

7.87.4.1 kDurationsFieldNumber

```
const int briar::DatabaseRemoveTmplsReply::kDurationsFieldNumber = 1 [static]
```

7.87.4.2 kErrorsFieldNumber

```
const int briar::DatabaseRemoveTmplsReply::kErrorsFieldNumber = 2 [static]
```

7.87.4.3 kIndexInFileMessages

```
constexpr int briar::DatabaseRemoveTmplsReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 16
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.88 briar::DatabaseRemoveTmplsReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< DatabaseRemoveTmplsReply > _instance

7.88.1 Member Data Documentation

7.88.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseRemoveTmplsReply> briar::DatabaseRemoveTmplsReplyDefaultTypeInternal::_instance
```

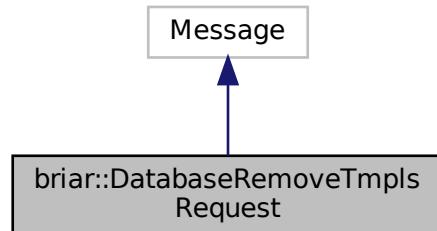
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

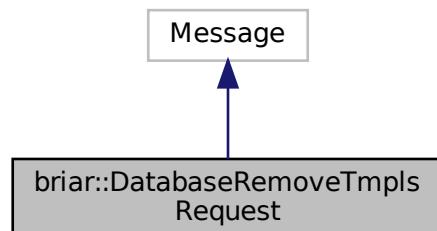
7.89 briar::DatabaseRemoveTmplsRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseRemoveTmplsRequest:



Collaboration diagram for briar::DatabaseRemoveTmplsRequest:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_database ()`
- void `clear_durations ()`
- void `clear_ids ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const DatabaseRemoveTmplsRequest &from)`
- const ::briar::BriarDatabase & `database () const`
- `DatabaseRemoveTmplsRequest ()`
- `DatabaseRemoveTmplsRequest (const DatabaseRemoveTmplsRequest &from)`
- const ::briar::BriarDurations & `durations () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_database () const`
- bool `has_durations () const`
- bool `has_ids () const`
- const ::briar::TemplateIds & `ids () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const DatabaseRemoveTmplsRequest &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::briar::BriarDatabase * `mutable_database ()`
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::TemplateIds * `mutable_ids ()`
- `DatabaseRemoveTmplsRequest * New () const final`
- `DatabaseRemoveTmplsRequest * New (::google::protobuf::Arena *arena) const final`
- `DatabaseRemoveTmplsRequest & operator= (const DatabaseRemoveTmplsRequest &from)`
- ::briar::BriarDatabase * `release_database ()`
- ::briar::BriarDurations * `release_durations ()`
- ::briar::TemplateIds * `release_ids ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_database (::briar::BriarDatabase *database)`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_ids (::briar::TemplateIds *ids)`
- void `Swap (DatabaseRemoveTmplsRequest *other)`
- virtual ~`DatabaseRemoveTmplsRequest ()`

Static Public Member Functions

- static const `DatabaseRemoveTmplsRequest & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseRemoveTmplsRequest * internal_default_instance ()`

Static Public Attributes

- static const int `kDatabaseFieldNumber = 1`
- static const int `kDurationsFieldNumber = 3`
- static const int `kIdsFieldNumber = 2`
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void swap (DatabaseRemoveTmplsRequest &a, DatabaseRemoveTmplsRequest &b)

7.89.1 Constructor & Destructor Documentation

7.89.1.1 DatabaseRemoveTmplsRequest() [1/2]

```
briar::DatabaseRemoveTmplsRequest::DatabaseRemoveTmplsRequest ( )
```

7.89.1.2 ~DatabaseRemoveTmplsRequest()

```
briar::DatabaseRemoveTmplsRequest::~DatabaseRemoveTmplsRequest ( ) [virtual]
```

7.89.1.3 DatabaseRemoveTmplsRequest() [2/2]

```
briar::DatabaseRemoveTmplsRequest::DatabaseRemoveTmplsRequest ( const DatabaseRemoveTmplsRequest & from )
```

7.89.2 Member Function Documentation

7.89.2.1 ByteSizeLong()

```
size_t briar::DatabaseRemoveTmplsRequest::ByteSizeLong ( ) const [final]
```

7.89.2.2 Clear()

```
void briar::DatabaseRemoveTmplsRequest::Clear ( ) [final]
```

7.89.2.3 clear_database()

```
void briar::DatabaseRemoveTmplsRequest::clear_database ( )
```

7.89.2.4 clear_durations()

```
void briar::DatabaseRemoveTmplsRequest::clear_durations ( )
```

7.89.2.5 clear_ids()

```
void briar::DatabaseRemoveTmplsRequest::clear_ids ( )
```

7.89.2.6 CopyFrom() [1/2]

```
void briar::DatabaseRemoveTmplsRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.89.2.7 CopyFrom() [2/2]

```
void briar::DatabaseRemoveTmplsRequest::CopyFrom (
    const DatabaseRemoveTmplsRequest & from )
```

7.89.2.8 database()

```
const ::briar::BriarDatabase & briar::DatabaseRemoveTmplsRequest::database ( ) const [inline]
```

7.89.2.9 default_instance()

```
const DatabaseRemoveTmplsRequest & briar::DatabaseRemoveTmplsRequest::default_instance ( )
[static]
```

7.89.2.10 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseRemoveTmplsRequest::descriptor () [static]
```

7.89.2.11 durations()

```
const ::briar::BriarDurations & briar::DatabaseRemoveTmplsRequest::durations () const [inline]
```

7.89.2.12 GetCachedSize()

```
int briar::DatabaseRemoveTmplsRequest::GetCachedSize () const [inline], [final]
```

7.89.2.13 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseRemoveTmplsRequest::GetMetadata () const [final]
```

7.89.2.14 has_database()

```
bool briar::DatabaseRemoveTmplsRequest::has_database () const [inline]
```

7.89.2.15 has_durations()

```
bool briar::DatabaseRemoveTmplsRequest::has_durations () const [inline]
```

7.89.2.16 has_ids()

```
bool briar::DatabaseRemoveTmplsRequest::has_ids () const [inline]
```

7.89.2.17 ids()

```
const ::briar::TemplateIds & briar::DatabaseRemoveTmplsRequest::ids () const [inline]
```

7.89.2.18 InitAsDefaultInstance()

```
void briar::DatabaseRemoveTmplsRequest::InitAsDefaultInstance ( ) [static]
```

7.89.2.19 internal_default_instance()

```
static const DatabaseRemoveTmplsRequest* briar::DatabaseRemoveTmplsRequest::internal_default_<→
instance ( ) [inline], [static]
```

7.89.2.20 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseRemoveTmplsRequest::InternalSerializeWithCachedSizes<→
ToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.89.2.21 IsInitialized()

```
bool briar::DatabaseRemoveTmplsRequest::IsInitialized ( ) const [final]
```

7.89.2.22 MergeFrom() [1/2]

```
void briar::DatabaseRemoveTmplsRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.89.2.23 MergeFrom() [2/2]

```
void briar::DatabaseRemoveTmplsRequest::MergeFrom (
    const DatabaseRemoveTmplsRequest & from )
```

7.89.2.24 MergePartialFromCodedStream()

```
bool briar::DatabaseRemoveTmplsRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.89.2.25 mutable_database()

```
briar::BriarDatabase * briar::DatabaseRemoveTmplsRequest::mutable_database ( ) [inline]
```

7.89.2.26 mutable_durations()

```
briar::BriarDurations * briar::DatabaseRemoveTmplsRequest::mutable_durations ( ) [inline]
```

7.89.2.27 mutable_ids()

```
briar::TemplateIds * briar::DatabaseRemoveTmplsRequest::mutable_ids ( ) [inline]
```

7.89.2.28 New() [1/2]

```
DatabaseRemoveTmplsRequest* briar::DatabaseRemoveTmplsRequest::New ( ) const [inline], [final]
```

7.89.2.29 New() [2/2]

```
DatabaseRemoveTmplsRequest* briar::DatabaseRemoveTmplsRequest::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.89.2.30 operator=()

```
DatabaseRemoveTmplsRequest& briar::DatabaseRemoveTmplsRequest::operator= ( const DatabaseRemoveTmplsRequest & from ) [inline]
```

7.89.2.31 release_database()

```
briar::BriarDatabase * briar::DatabaseRemoveTmplsRequest::release_database ( ) [inline]
```

7.89.2.32 release_durations()

```
briar::BriarDurations * briar::DatabaseRemoveTmplsRequest::release_durations ( ) [inline]
```

7.89.2.33 release_ids()

```
briar::TemplateIds * briar::DatabaseRemoveTmplsRequest::release_ids ( ) [inline]
```

7.89.2.34 SerializeWithCachedSizes()

```
void briar::DatabaseRemoveTmplsRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.89.2.35 set_allocated_database()

```
void briar::DatabaseRemoveTmplsRequest::set_allocated_database (
    ::briar::BriarDatabase * database ) [inline]
```

7.89.2.36 set_allocated_durations()

```
void briar::DatabaseRemoveTmplsRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.89.2.37 set_allocated_ids()

```
void briar::DatabaseRemoveTmplsRequest::set_allocated_ids (
    ::briar::TemplateIds * ids ) [inline]
```

7.89.2.38 Swap()

```
void briar::DatabaseRemoveTmplsRequest::Swap (
    DatabaseRemoveTmplsRequest * other )
```

7.89.3 Friends And Related Function Documentation

7.89.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.89.3.2 swap

```
void swap (
    DatabaseRemoveTmplsRequest & a,
    DatabaseRemoveTmplsRequest & b ) [friend]
```

7.89.4 Member Data Documentation

7.89.4.1 kDatabaseFieldNumber

```
const int briar::DatabaseRemoveTmplsRequest::kDatabaseFieldNumber = 1 [static]
```

7.89.4.2 kDurationsFieldNumber

```
const int briar::DatabaseRemoveTmplsRequest::kDurationsFieldNumber = 3 [static]
```

7.89.4.3 kIdsFieldNumber

```
const int briar::DatabaseRemoveTmplsRequest::kIdsFieldNumber = 2 [static]
```

7.89.4.4 kIndexInFileMessages

```
constexpr int briar::DatabaseRemoveTmplsRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 15
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.90 briar::DatabaseRemoveTmplsRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseRemoveTmplsRequest](#) > `_instance`

7.90.1 Member Data Documentation

7.90.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed<DatabaseRemoveTmplsRequest> briar::DatabaseRemoveTmplsRequestDefaultTypeInternal::_instance`

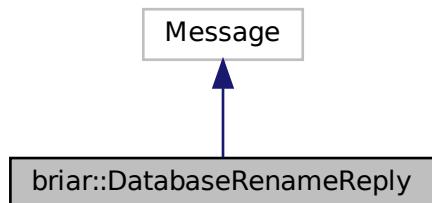
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

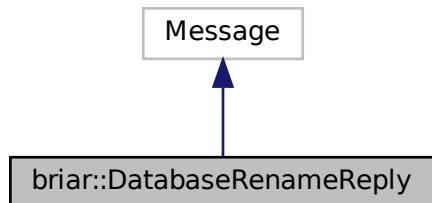
7.91 briar::DatabaseRenameReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseRenameReply:



Collaboration diagram for briar::DatabaseRenameReply:



Public Member Functions

- size_t `ByteSizeLong` () const final
- void `Clear` () final
- void `clear_durations` ()
- void `clear_errors` ()
- void `clear_exists` ()
- void `CopyFrom` (const ::google::protobuf::Message &from) final
- void `CopyFrom` (const `DatabaseRenameReply` &from)
- `DatabaseRenameReply` ()
- `DatabaseRenameReply` (const `DatabaseRenameReply` &from)
- const ::briar::BriarDurations & `durations` () const
- const ::briar::BriarErrors & `errors` () const
- bool `exists` () const
- int `GetCachedSize` () const final
- ::google::protobuf::Metadata `GetMetadata` () const final
- bool `has_durations` () const
- bool `has_errors` () const
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized` () const final
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `DatabaseRenameReply` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BriarDurations * `mutable_durations` ()
- ::briar::BriarErrors * `mutable_errors` ()
- `DatabaseRenameReply` * `New` () const final
- `DatabaseRenameReply` * `New` (::google::protobuf::Arena *arena) const final
- `DatabaseRenameReply` & `operator=` (const `DatabaseRenameReply` &from)
- ::briar::BriarDurations * `release_durations` ()
- ::briar::BriarErrors * `release_errors` ()
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_allocated_durations` (::briar::BriarDurations *durations)
- void `set_allocated_errors` (::briar::BriarErrors *errors)
- void `set_exists` (bool value)
- void `Swap` (`DatabaseRenameReply` *other)
- virtual ~`DatabaseRenameReply` ()

Static Public Member Functions

- static const `DatabaseRenameReply` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `DatabaseRenameReply` * `internal_default_instance` ()

Static Public Attributes

- static const int `kDurationsFieldNumber` = 1
- static const int `kErrorsFieldNumber` = 3
- static const int `kExistsFieldNumber` = 2
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void swap (DatabaseRenameReply &a, DatabaseRenameReply &b)

7.91.1 Constructor & Destructor Documentation

7.91.1.1 DatabaseRenameReply() [1/2]

```
briar::DatabaseRenameReply::DatabaseRenameReply ( )
```

7.91.1.2 ~DatabaseRenameReply()

```
briar::DatabaseRenameReply::~DatabaseRenameReply ( ) [virtual]
```

7.91.1.3 DatabaseRenameReply() [2/2]

```
briar::DatabaseRenameReply::DatabaseRenameReply (
    const DatabaseRenameReply & from )
```

7.91.2 Member Function Documentation

7.91.2.1 ByteSizeLong()

```
size_t briar::DatabaseRenameReply::ByteSizeLong ( ) const [final]
```

7.91.2.2 Clear()

```
void briar::DatabaseRenameReply::Clear ( ) [final]
```

7.91.2.3 `clear_durations()`

```
void briar::DatabaseRenameReply::clear_durations ( )
```

7.91.2.4 `clear_errors()`

```
void briar::DatabaseRenameReply::clear_errors ( )
```

7.91.2.5 `clear_exists()`

```
void briar::DatabaseRenameReply::clear_exists ( ) [inline]
```

7.91.2.6 `CopyFrom()` [1/2]

```
void briar::DatabaseRenameReply::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.91.2.7 `CopyFrom()` [2/2]

```
void briar::DatabaseRenameReply::CopyFrom (
    const DatabaseRenameReply & from)
```

7.91.2.8 `default_instance()`

```
const DatabaseRenameReply & briar::DatabaseRenameReply::default_instance ( ) [static]
```

7.91.2.9 `descriptor()`

```
const ::google::protobuf::Descriptor * briar::DatabaseRenameReply::descriptor ( ) [static]
```

7.91.2.10 durations()

```
const ::briar::BriarDurations & briar::DatabaseRenameReply::durations () const [inline]
```

7.91.2.11 errors()

```
const ::briar::BriarErrors & briar::DatabaseRenameReply::errors () const [inline]
```

7.91.2.12 exists()

```
bool briar::DatabaseRenameReply::exists () const [inline]
```

7.91.2.13 GetCachedSize()

```
int briar::DatabaseRenameReply::GetCachedSize () const [inline], [final]
```

7.91.2.14 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseRenameReply::GetMetadata () const [final]
```

7.91.2.15 has_durations()

```
bool briar::DatabaseRenameReply::has_durations () const [inline]
```

7.91.2.16 has_errors()

```
bool briar::DatabaseRenameReply::has_errors () const [inline]
```

7.91.2.17 InitAsDefaultInstance()

```
void briar::DatabaseRenameReply::InitAsDefaultInstance () [static]
```

7.91.2.18 internal_default_instance()

```
static const DatabaseRenameReply* briar::DatabaseRenameReply::internal_default_instance ( )  
[inline], [static]
```

7.91.2.19 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseRenameReply::InternalSerializeWithCachedSizesToArray  
(  
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.91.2.20 IsInitialized()

```
bool briar::DatabaseRenameReply::IsInitialized ( ) const [final]
```

7.91.2.21 MergeFrom() [1/2]

```
void briar::DatabaseRenameReply::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.91.2.22 MergeFrom() [2/2]

```
void briar::DatabaseRenameReply::MergeFrom (   
    const DatabaseRenameReply & from )
```

7.91.2.23 MergePartialFromCodedStream()

```
bool briar::DatabaseRenameReply::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.91.2.24 mutable_durations()

```
briar::BriarDurations * briar::DatabaseRenameReply::mutable_durations ( ) [inline]
```

7.91.2.25 mutable_errors()

```
briar::BriarErrors * briar::DatabaseRenameReply::mutable_errors ( ) [inline]
```

7.91.2.26 New() [1/2]

```
DatabaseRenameReply* briar::DatabaseRenameReply::New ( ) const [inline], [final]
```

7.91.2.27 New() [2/2]

```
DatabaseRenameReply* briar::DatabaseRenameReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.91.2.28 operator=(*)

```
DatabaseRenameReply& briar::DatabaseRenameReply::operator= ( const DatabaseRenameReply & from ) [inline]
```

7.91.2.29 release_durations()

```
briar::BriarDurations * briar::DatabaseRenameReply::release_durations ( ) [inline]
```

7.91.2.30 release_errors()

```
briar::BriarErrors * briar::DatabaseRenameReply::release_errors ( ) [inline]
```

7.91.2.31 SerializeWithCachedSizes()

```
void briar::DatabaseRenameReply::SerializeWithCachedSizes ( ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.91.2.32 set_allocated_durations()

```
void briar::DatabaseRenameReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.91.2.33 set_allocated_errors()

```
void briar::DatabaseRenameReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.91.2.34 set_exists()

```
void briar::DatabaseRenameReply::set_exists (
    bool value ) [inline]
```

7.91.2.35 Swap()

```
void briar::DatabaseRenameReply::Swap (
    DatabaseRenameReply * other )
```

7.91.3 Friends And Related Function Documentation

7.91.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.91.3.2 swap

```
void swap (
    DatabaseRenameReply & a,
    DatabaseRenameReply & b ) [friend]
```

7.91.4 Member Data Documentation

7.91.4.1 kDurationsFieldNumber

```
const int briar::DatabaseRenameReply::kDurationsFieldNumber = 1 [static]
```

7.91.4.2 kErrorsFieldNumber

```
const int briar::DatabaseRenameReply::kErrorsFieldNumber = 3 [static]
```

7.91.4.3 kExistsFieldNumber

```
const int briar::DatabaseRenameReply::kExistsFieldNumber = 2 [static]
```

7.91.4.4 kIndexInFileMessages

```
constexpr int briar::DatabaseRenameReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 22
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.92 briar::DatabaseRenameReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[DatabaseRenameReply](#)> [_instance](#)

7.92.1 Member Data Documentation

7.92.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseRenameReply> briar::Database<→
RenameReplyDefaultTypeInternal:::_instance
```

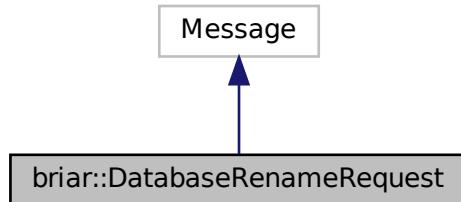
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

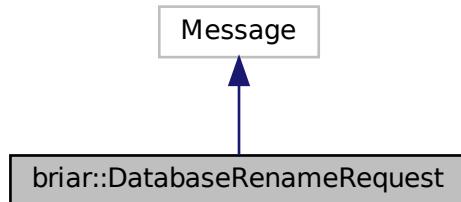
7.93 briar::DatabaseRenameRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseRenameRequest:



Collaboration diagram for briar::DatabaseRenameRequest:



Public Member Functions

- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [clear_database \(\)](#)
- void [clear_database_new \(\)](#)
- void [CopyFrom \(const ::google::protobuf::Message &from\) final](#)
- void [CopyFrom \(const DatabaseRenameRequest &from\)](#)
- const ::briar::BriarDatabase & [database \(\) const](#)
- const ::briar::BriarDatabase & [database_new \(\) const](#)
- [DatabaseRenameRequest \(\)](#)
- [DatabaseRenameRequest \(const DatabaseRenameRequest &from\)](#)
- int [GetCachedSize \(\) const final](#)
- ::google::protobuf::Metadata [GetMetadata \(\) const final](#)
- bool [has_database \(\) const](#)
- bool [has_database_new \(\) const](#)

- ::google::protobuf::uint8 * [InternalSerializeWithCachedSizesToArray](#) (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool [IsInitialized](#) () const final
- void [MergeFrom](#) (const ::google::protobuf::Message &from) final
- void [MergeFrom](#) (const [DatabaseRenameRequest](#) &from)
- bool [MergePartialFromCodedStream](#) (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BriarDatabase * [mutable_database](#) ()
- ::briar::BriarDatabase * [mutable_database_new](#) ()
- [DatabaseRenameRequest](#) * [New](#) () const final
- [DatabaseRenameRequest](#) * [New](#) (::google::protobuf::Arena *arena) const final
- [DatabaseRenameRequest](#) & [operator=](#) (const [DatabaseRenameRequest](#) &from)
- ::briar::BriarDatabase * [release_database](#) ()
- ::briar::BriarDatabase * [release_database_new](#) ()
- void [SerializeWithCachedSizes](#) (::google::protobuf::io::CodedOutputStream *output) const final
- void [set_allocated_database](#) (::briar::BriarDatabase *database)
- void [set_allocated_database_new](#) (::briar::BriarDatabase *database_new)
- void [Swap](#) ([DatabaseRenameRequest](#) *other)
- virtual ~[DatabaseRenameRequest](#) ()

Static Public Member Functions

- static const [DatabaseRenameRequest](#) & [default_instance](#) ()
- static const ::google::protobuf::Descriptor * [descriptor](#) ()
- static void [InitAsDefaultInstance](#) ()
- static const [DatabaseRenameRequest](#) * [internal_default_instance](#) ()

Static Public Attributes

- static const int [kDatabaseFieldNumber](#) = 1
- static const int [kDatabaseNewFieldNumber](#) = 2
- static constexpr int [kIndexInFileMessages](#)

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void [swap](#) ([DatabaseRenameRequest](#) &a, [DatabaseRenameRequest](#) &b)

7.93.1 Constructor & Destructor Documentation

7.93.1.1 [DatabaseRenameRequest\(\)](#) [1/2]

```
briar::DatabaseRenameRequest::DatabaseRenameRequest ( )
```

7.93.1.2 ~DatabaseRenameRequest()

```
briar::DatabaseRenameRequest::~DatabaseRenameRequest ( ) [virtual]
```

7.93.1.3 DatabaseRenameRequest() [2/2]

```
briar::DatabaseRenameRequest::DatabaseRenameRequest ( const DatabaseRenameRequest & from )
```

7.93.2 Member Function Documentation

7.93.2.1 ByteSizeLong()

```
size_t briar::DatabaseRenameRequest::ByteSizeLong ( ) const [final]
```

7.93.2.2 Clear()

```
void briar::DatabaseRenameRequest::Clear ( ) [final]
```

7.93.2.3 clear_database()

```
void briar::DatabaseRenameRequest::clear_database ( )
```

7.93.2.4 clear_database_new()

```
void briar::DatabaseRenameRequest::clear_database_new ( )
```

7.93.2.5 CopyFrom() [1/2]

```
void briar::DatabaseRenameRequest::CopyFrom ( const ::google::protobuf::Message & from ) [final]
```

7.93.2.6 CopyFrom() [2/2]

```
void briar::DatabaseRenameRequest::CopyFrom (
    const DatabaseRenameRequest & from )
```

7.93.2.7 database()

```
const ::briar::BriarDatabase & briar::DatabaseRenameRequest::database () const [inline]
```

7.93.2.8 database_new()

```
const ::briar::BriarDatabase & briar::DatabaseRenameRequest::database_new () const [inline]
```

7.93.2.9 default_instance()

```
const DatabaseRenameRequest & briar::DatabaseRenameRequest::default_instance () [static]
```

7.93.2.10 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseRenameRequest::descriptor () [static]
```

7.93.2.11 GetCachedSize()

```
int briar::DatabaseRenameRequest::GetCachedSize () const [inline], [final]
```

7.93.2.12 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseRenameRequest::GetMetadata () const [final]
```

7.93.2.13 has_database()

```
bool briar::DatabaseRenameRequest::has_database ( ) const [inline]
```

7.93.2.14 has_database_new()

```
bool briar::DatabaseRenameRequest::has_database_new ( ) const [inline]
```

7.93.2.15 InitAsDefaultInstance()

```
void briar::DatabaseRenameRequest::InitAsDefaultInstance ( ) [static]
```

7.93.2.16 internal_default_instance()

```
static const DatabaseRenameRequest* briar::DatabaseRenameRequest::internal_default_instance ( ) [inline], [static]
```

7.93.2.17 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8* briar::DatabaseRenameRequest::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8* target ) const [final]
```

7.93.2.18 IsInitialized()

```
bool briar::DatabaseRenameRequest::IsInitialized ( ) const [final]
```

7.93.2.19 MergeFrom() [1/2]

```
void briar::DatabaseRenameRequest::MergeFrom ( const ::google::protobuf::Message& from ) [final]
```

7.93.2.20 MergeFrom() [2/2]

```
void briar::DatabaseRenameRequest::MergeFrom (
    const DatabaseRenameRequest & from )
```

7.93.2.21 MergePartialFromCodedStream()

```
bool briar::DatabaseRenameRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.93.2.22 mutable_database()

```
briar::BriarDatabase * briar::DatabaseRenameRequest::mutable_database () [inline]
```

7.93.2.23 mutable_database_new()

```
briar::BriarDatabase * briar::DatabaseRenameRequest::mutable_database_new () [inline]
```

7.93.2.24 New() [1/2]

```
DatabaseRenameRequest* briar::DatabaseRenameRequest::New () const [inline], [final]
```

7.93.2.25 New() [2/2]

```
DatabaseRenameRequest* briar::DatabaseRenameRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.93.2.26 operator=()

```
DatabaseRenameRequest& briar::DatabaseRenameRequest::operator= (
    const DatabaseRenameRequest & from ) [inline]
```

7.93.2.27 `release_database()`

```
briar::BriarDatabase * briar::DatabaseRenameRequest::release_database ( ) [inline]
```

7.93.2.28 `release_database_new()`

```
briar::BriarDatabase * briar::DatabaseRenameRequest::release_database_new ( ) [inline]
```

7.93.2.29 `SerializeWithCachedSizes()`

```
void briar::DatabaseRenameRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.93.2.30 `set_allocated_database()`

```
void briar::DatabaseRenameRequest::set_allocated_database (
    ::briar::BriarDatabase * database ) [inline]
```

7.93.2.31 `set_allocated_database_new()`

```
void briar::DatabaseRenameRequest::set_allocated_database_new (
    ::briar::BriarDatabase * database_new ) [inline]
```

7.93.2.32 `Swap()`

```
void briar::DatabaseRenameRequest::Swap (
    DatabaseRenameRequest * other )
```

7.93.3 Friends And Related Function Documentation

7.93.3.1 `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.93.3.2 swap

```
void swap (
    DatabaseRenameRequest & a,
    DatabaseRenameRequest & b ) [friend]
```

7.93.4 Member Data Documentation

7.93.4.1 kDatabaseFieldNumber

```
const int briar::DatabaseRenameRequest::kDatabaseFieldNumber = 1 [static]
```

7.93.4.2 kDatabaseNewFieldNumber

```
const int briar::DatabaseRenameRequest::kDatabaseNewFieldNumber = 2 [static]
```

7.93.4.3 kIndexInFileMessages

```
constexpr int briar::DatabaseRenameRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 21
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.94 briar::DatabaseRenameRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< DatabaseRenameRequest > _instance

7.94.1 Member Data Documentation

7.94.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseRenameRequest> briar::Database<‐
RenameRequestDefaultTypeInternal:::_instance
```

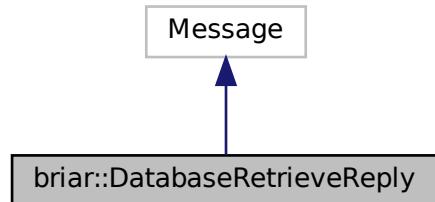
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

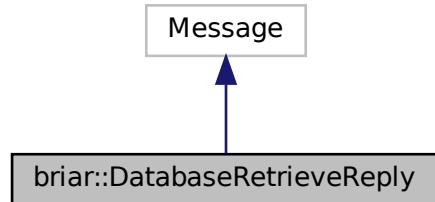
7.95 briar::DatabaseRetrieveReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseRetrieveReply:



Collaboration diagram for briar::DatabaseRetrieveReply:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_durations ()`
- void `clear_errors ()`
- void `clear_records ()`
- void `clear_templates ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const DatabaseRetrieveReply &from)`
- `DatabaseRetrieveReply ()`
- `DatabaseRetrieveReply (const DatabaseRetrieveReply &from)`
- `const ::briar::BriarDurations & durations () const`
- `const ::briar::BriarErrors & errors () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_durations () const`
- bool `has_errors () const`
- bool `has_records () const`
- bool `has_templates () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const DatabaseRetrieveReply &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::BriarErrors * `mutable_errors ()`
- ::briar::TemplateList * `mutable_records ()`
- ::briar::TemplateList * `mutable_templates ()`
- `DatabaseRetrieveReply * New () const final`
- `DatabaseRetrieveReply * New (::google::protobuf::Arena *arena) const final`
- `DatabaseRetrieveReply & operator= (const DatabaseRetrieveReply &from)`
- `const ::briar::TemplateList & records () const`
- ::briar::BriarDurations * `release_durations ()`
- ::briar::BriarErrors * `release_errors ()`
- ::briar::TemplateList * `release_records ()`
- ::briar::TemplateList * `release_templates ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_errors (::briar::BriarErrors *errors)`
- void `set_allocated_records (::briar::TemplateList *records)`
- void `set_allocated_templates (::briar::TemplateList *templates)`
- void `Swap (DatabaseRetrieveReply *other)`
- `const ::briar::TemplateList & templates () const`
- virtual ~`DatabaseRetrieveReply ()`

Static Public Member Functions

- static const `DatabaseRetrieveReply & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseRetrieveReply * internal_default_instance ()`

Static Public Attributes

- static const int `kDurationsFieldNumber` = 3
- static const int `kErrorsFieldNumber` = 4
- static constexpr int `kIndexInFileMessages`
- static const int `kRecordsFieldNumber` = 2
- static const int `kTemplatesFieldNumber` = 1

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap` (`DatabaseRetrieveReply` &*a*, `DatabaseRetrieveReply` &*b*)

7.95.1 Constructor & Destructor Documentation

7.95.1.1 DatabaseRetrieveReply() [1/2]

```
briar::DatabaseRetrieveReply::DatabaseRetrieveReply ( )
```

7.95.1.2 ~DatabaseRetrieveReply()

```
briar::DatabaseRetrieveReply::~DatabaseRetrieveReply ( ) [virtual]
```

7.95.1.3 DatabaseRetrieveReply() [2/2]

```
briar::DatabaseRetrieveReply::DatabaseRetrieveReply ( 
    const DatabaseRetrieveReply & from )
```

7.95.2 Member Function Documentation

7.95.2.1 ByteSizeLong()

```
size_t briar::DatabaseRetrieveReply::ByteSizeLong ( ) const [final]
```

7.95.2.2 Clear()

```
void briar::DatabaseRetrieveReply::Clear ( ) [final]
```

7.95.2.3 clear_durations()

```
void briar::DatabaseRetrieveReply::clear_durations ( )
```

7.95.2.4 clear_errors()

```
void briar::DatabaseRetrieveReply::clear_errors ( )
```

7.95.2.5 clear_records()

```
void briar::DatabaseRetrieveReply::clear_records ( )
```

7.95.2.6 clear_templates()

```
void briar::DatabaseRetrieveReply::clear_templates ( )
```

7.95.2.7 CopyFrom() [1/2]

```
void briar::DatabaseRetrieveReply::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.95.2.8 CopyFrom() [2/2]

```
void briar::DatabaseRetrieveReply::CopyFrom (
    const DatabaseRetrieveReply & from)
```

7.95.2.9 default_instance()

```
const DatabaseRetrieveReply & briar::DatabaseRetrieveReply::default_instance ( ) [static]
```

7.95.2.10 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseRetrieveReply::descriptor ( ) [static]
```

7.95.2.11 durations()

```
const ::briar::BriarDurations & briar::DatabaseRetrieveReply::durations ( ) const [inline]
```

7.95.2.12 errors()

```
const ::briar::BriarErrors & briar::DatabaseRetrieveReply::errors ( ) const [inline]
```

7.95.2.13 GetCachedSize()

```
int briar::DatabaseRetrieveReply::GetCachedSize ( ) const [inline], [final]
```

7.95.2.14 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseRetrieveReply::GetMetadata ( ) const [final]
```

7.95.2.15 has_durations()

```
bool briar::DatabaseRetrieveReply::has_durations ( ) const [inline]
```

7.95.2.16 has_errors()

```
bool briar::DatabaseRetrieveReply::has_errors ( ) const [inline]
```

7.95.2.17 has_records()

```
bool briar::DatabaseRetrieveReply::has_records ( ) const [inline]
```

7.95.2.18 has_templates()

```
bool briar::DatabaseRetrieveReply::has_templates ( ) const [inline]
```

7.95.2.19 InitAsDefaultInstance()

```
void briar::DatabaseRetrieveReply::InitAsDefaultInstance ( ) [static]
```

7.95.2.20 internal_default_instance()

```
static const DatabaseRetrieveReply* briar::DatabaseRetrieveReply::internal_default_instance ( ) [inline], [static]
```

7.95.2.21 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseRetrieveReply::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.95.2.22 IsInitialized()

```
bool briar::DatabaseRetrieveReply::IsInitialized ( ) const [final]
```

7.95.2.23 MergeFrom() [1/2]

```
void briar::DatabaseRetrieveReply::MergeFrom ( const ::google::protobuf::Message & from ) [final]
```

7.95.2.24 MergeFrom() [2/2]

```
void briar::DatabaseRetrieveReply::MergeFrom (
    const DatabaseRetrieveReply & from )
```

7.95.2.25 MergePartialFromCodedStream()

```
bool briar::DatabaseRetrieveReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.95.2.26 mutable_durations()

```
briar::BriarDurations * briar::DatabaseRetrieveReply::mutable_durations () [inline]
```

7.95.2.27 mutable_errors()

```
briar::BriarErrors * briar::DatabaseRetrieveReply::mutable_errors () [inline]
```

7.95.2.28 mutable_records()

```
briar::TemplateList * briar::DatabaseRetrieveReply::mutable_records () [inline]
```

7.95.2.29 mutable_templates()

```
briar::TemplateList * briar::DatabaseRetrieveReply::mutable_templates () [inline]
```

7.95.2.30 New() [1/2]

```
DatabaseRetrieveReply* briar::DatabaseRetrieveReply::New () const [inline], [final]
```

7.95.2.31 New() [2/2]

```
DatabaseRetrieveReply* briar::DatabaseRetrieveReply::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.95.2.32 operator=()

```
DatabaseRetrieveReply& briar::DatabaseRetrieveReply::operator= (
    const DatabaseRetrieveReply & from ) [inline]
```

7.95.2.33 records()

```
const ::briar::TemplateList & briar::DatabaseRetrieveReply::records () const [inline]
```

7.95.2.34 release_durations()

```
briar::BriarDurations * briar::DatabaseRetrieveReply::release_durations () [inline]
```

7.95.2.35 release_errors()

```
briar::BriarErrors * briar::DatabaseRetrieveReply::release_errors () [inline]
```

7.95.2.36 release_records()

```
briar::TemplateList * briar::DatabaseRetrieveReply::release_records () [inline]
```

7.95.2.37 release_templates()

```
briar::TemplateList * briar::DatabaseRetrieveReply::release_templates () [inline]
```

7.95.2.38 SerializeWithCachedSizes()

```
void briar::DatabaseRetrieveReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.95.2.39 set_allocated_durations()

```
void briar::DatabaseRetrieveReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.95.2.40 set_allocated_errors()

```
void briar::DatabaseRetrieveReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.95.2.41 set_allocated_records()

```
void briar::DatabaseRetrieveReply::set_allocated_records (
    ::briar::TemplateList * records ) [inline]
```

7.95.2.42 set_allocated_templates()

```
void briar::DatabaseRetrieveReply::set_allocated_templates (
    ::briar::TemplateList * templates ) [inline]
```

7.95.2.43 Swap()

```
void briar::DatabaseRetrieveReply::Swap (
    DatabaseRetrieveReply * other )
```

7.95.2.44 templates()

```
const ::briar::TemplateList & briar::DatabaseRetrieveReply::templates () const [inline]
```

7.95.3 Friends And Related Function Documentation

7.95.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.95.3.2 swap

```
void swap (
    DatabaseRetrieveReply & a,
    DatabaseRetrieveReply & b ) [friend]
```

7.95.4 Member Data Documentation

7.95.4.1 kDurationsFieldNumber

```
const int briar::DatabaseRetrieveReply::kDurationsFieldNumber = 3 [static]
```

7.95.4.2 kErrorsFieldNumber

```
const int briar::DatabaseRetrieveReply::kErrorsFieldNumber = 4 [static]
```

7.95.4.3 kIndexInFileMessages

```
constexpr int briar::DatabaseRetrieveReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 30
```

7.95.4.4 kRecordsFieldNumber

```
const int briar::DatabaseRetrieveReply::kRecordsFieldNumber = 2 [static]
```

7.95.4.5 kTemplatesFieldNumber

```
const int briar::DatabaseRetrieveReply::kTemplatesFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.96 briar::DatabaseRetrieveReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[DatabaseRetrieveReply](#) > _instance

7.96.1 Member Data Documentation

7.96.1.1 _instance

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseRetrieveReply> briar::DatabaseRetrieveReplyDefaultTypeInternal::_instance
```

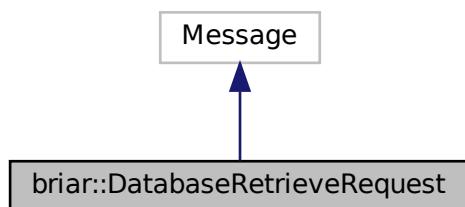
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

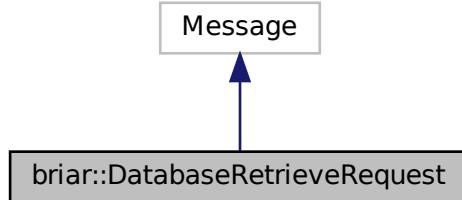
7.97 briar::DatabaseRetrieveRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DatabaseRetrieveRequest:



Collaboration diagram for briar::DatabaseRetrieveRequest:



Public Member Functions

- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_database ()`
- `void clear_durations ()`
- `void clear_ids ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const DatabaseRetrieveRequest &from)`
- `const ::briar::BriarDatabase & database () const`
- `DatabaseRetrieveRequest ()`
- `DatabaseRetrieveRequest (const DatabaseRetrieveRequest &from)`
- `const ::briar::BriarDurations & durations () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_database () const`
- `bool has_durations () const`
- `bool has_ids () const`
- `const ::briar::TemplateIds & ids () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const DatabaseRetrieveRequest &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::BriarDatabase * mutable_database ()`
- `::briar::BriarDurations * mutable_durations ()`
- `::briar::TemplateIds * mutable_ids ()`
- `DatabaseRetrieveRequest * New () const final`
- `DatabaseRetrieveRequest * New (::google::protobuf::Arena *arena) const final`
- `DatabaseRetrieveRequest & operator= (const DatabaseRetrieveRequest &from)`
- `::briar::BriarDatabase * release_database ()`
- `::briar::BriarDurations * release_durations ()`
- `::briar::TemplateIds * release_ids ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_database (::briar::BriarDatabase *database)`
- `void set_allocated_durations (::briar::BriarDurations *durations)`
- `void set_allocated_ids (::briar::TemplateIds *ids)`
- `void Swap (DatabaseRetrieveRequest *other)`
- `virtual ~DatabaseRetrieveRequest ()`

Static Public Member Functions

- static const `DatabaseRetrieveRequest & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DatabaseRetrieveRequest * internal_default_instance ()`

Static Public Attributes

- static const int `kDatabaseFieldNumber = 1`
- static const int `kDurationsFieldNumber = 3`
- static const int `kIdsFieldNumber = 2`
- static constexpr int `kIndexInFileMessages`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap (DatabaseRetrieveRequest &a, DatabaseRetrieveRequest &b)`

7.97.1 Constructor & Destructor Documentation

7.97.1.1 `DatabaseRetrieveRequest()` [1/2]

```
briar::DatabaseRetrieveRequest::DatabaseRetrieveRequest ( )
```

7.97.1.2 `~DatabaseRetrieveRequest()`

```
briar::DatabaseRetrieveRequest::~DatabaseRetrieveRequest ( ) [virtual]
```

7.97.1.3 `DatabaseRetrieveRequest()` [2/2]

```
briar::DatabaseRetrieveRequest::DatabaseRetrieveRequest ( 
    const DatabaseRetrieveRequest & from )
```

7.97.2 Member Function Documentation

7.97.2.1 ByteSizeLong()

```
size_t briar::DatabaseRetrieveRequest::ByteSizeLong ( ) const [final]
```

7.97.2.2 Clear()

```
void briar::DatabaseRetrieveRequest::Clear ( ) [final]
```

7.97.2.3 clear_database()

```
void briar::DatabaseRetrieveRequest::clear_database ( )
```

7.97.2.4 clear_durations()

```
void briar::DatabaseRetrieveRequest::clear_durations ( )
```

7.97.2.5 clear_ids()

```
void briar::DatabaseRetrieveRequest::clear_ids ( )
```

7.97.2.6 CopyFrom() [1/2]

```
void briar::DatabaseRetrieveRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.97.2.7 CopyFrom() [2/2]

```
void briar::DatabaseRetrieveRequest::CopyFrom (
    const DatabaseRetrieveRequest & from )
```

7.97.2.8 database()

```
const ::briar::BriarDatabase & briar::DatabaseRetrieveRequest::database() const [inline]
```

7.97.2.9 default_instance()

```
const DatabaseRetrieveRequest & briar::DatabaseRetrieveRequest::default_instance() [static]
```

7.97.2.10 descriptor()

```
const ::google::protobuf::Descriptor * briar::DatabaseRetrieveRequest::descriptor() [static]
```

7.97.2.11 durations()

```
const ::briar::BriarDurations & briar::DatabaseRetrieveRequest::durations() const [inline]
```

7.97.2.12 GetCachedSize()

```
int briar::DatabaseRetrieveRequest::GetCachedSize() const [inline], [final]
```

7.97.2.13 GetMetadata()

```
google::protobuf::Metadata briar::DatabaseRetrieveRequest::GetMetadata() const [final]
```

7.97.2.14 has_database()

```
bool briar::DatabaseRetrieveRequest::has_database() const [inline]
```

7.97.2.15 has_durations()

```
bool briar::DatabaseRetrieveRequest::has_durations() const [inline]
```

7.97.2.16 has_ids()

```
bool briar::DatabaseRetrieveRequest::has_ids () const [inline]
```

7.97.2.17 ids()

```
const ::briar::TemplateIds & briar::DatabaseRetrieveRequest::ids () const [inline]
```

7.97.2.18 InitAsDefaultInstance()

```
void briar::DatabaseRetrieveRequest::InitAsDefaultInstance () [static]
```

7.97.2.19 internal_default_instance()

```
static const DatabaseRetrieveRequest* briar::DatabaseRetrieveRequest::internal_default_instance () [inline], [static]
```

7.97.2.20 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DatabaseRetrieveRequest::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.97.2.21 IsInitialized()

```
bool briar::DatabaseRetrieveRequest::IsInitialized () const [final]
```

7.97.2.22 MergeFrom() [1/2]

```
void briar::DatabaseRetrieveRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.97.2.23 MergeFrom() [2/2]

```
void briar::DatabaseRetrieveRequest::MergeFrom (
    const DatabaseRetrieveRequest & from )
```

7.97.2.24 MergePartialFromCodedStream()

```
bool briar::DatabaseRetrieveRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.97.2.25 mutable_database()

```
briar::BriarDatabase * briar::DatabaseRetrieveRequest::mutable_database () [inline]
```

7.97.2.26 mutable_durations()

```
briar::BriarDurations * briar::DatabaseRetrieveRequest::mutable_durations () [inline]
```

7.97.2.27 mutable_ids()

```
briar::TemplateIds * briar::DatabaseRetrieveRequest::mutable_ids () [inline]
```

7.97.2.28 New() [1/2]

```
DatabaseRetrieveRequest* briar::DatabaseRetrieveRequest::New () const [inline], [final]
```

7.97.2.29 New() [2/2]

```
DatabaseRetrieveRequest* briar::DatabaseRetrieveRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.97.2.30 operator=()

```
DatabaseRetrieveRequest& briar::DatabaseRetrieveRequest::operator= (
    const DatabaseRetrieveRequest & from ) [inline]
```

7.97.2.31 release_database()

```
briar::BriarDatabase * briar::DatabaseRetrieveRequest::release_database ( ) [inline]
```

7.97.2.32 release_durations()

```
briar::BriarDurations * briar::DatabaseRetrieveRequest::release_durations ( ) [inline]
```

7.97.2.33 release_ids()

```
briar::TemplateIds * briar::DatabaseRetrieveRequest::release_ids ( ) [inline]
```

7.97.2.34 SerializeWithCachedSizes()

```
void briar::DatabaseRetrieveRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.97.2.35 set_allocated_database()

```
void briar::DatabaseRetrieveRequest::set_allocated_database (
    ::briar::BriarDatabase * database ) [inline]
```

7.97.2.36 set_allocated_durations()

```
void briar::DatabaseRetrieveRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.97.2.37 set_allocated_ids()

```
void briar::DatabaseRetrieveRequest::set_allocated_ids (
    ::briar::TemplateIds * ids ) [inline]
```

7.97.2.38 Swap()

```
void briar::DatabaseRetrieveRequest::Swap (
    DatabaseRetrieveRequest * other )
```

7.97.3 Friends And Related Function Documentation

7.97.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.97.3.2 swap

```
void swap (
    DatabaseRetrieveRequest & a,
    DatabaseRetrieveRequest & b ) [friend]
```

7.97.4 Member Data Documentation

7.97.4.1 kDatabaseFieldNumber

```
const int briar::DatabaseRetrieveRequest::kDatabaseFieldNumber = 1 [static]
```

7.97.4.2 kDurationsFieldNumber

```
const int briar::DatabaseRetrieveRequest::kDurationsFieldNumber = 3 [static]
```

7.97.4.3 kIdsFieldNumber

```
const int briar::DatabaseRetrieveRequest::kIdsFieldNumber = 2 [static]
```

7.97.4.4 kIndexInFileMessages

```
constexpr int briar::DatabaseRetrieveRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 29
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.98 briar::DatabaseRetrieveRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DatabaseRetrieveRequest](#) > _instance

7.98.1 Member Data Documentation

7.98.1.1 _instance

```
::google::protobuf::internal::ExplicitlyConstructed<DatabaseRetrieveRequest> briar::DatabaseRetrieveRequestDefaultTypeInternal::_instance
```

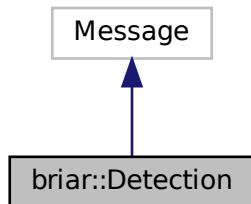
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

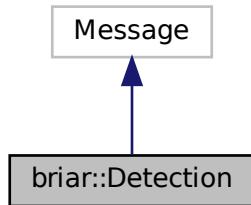
7.99 briar::Detection Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::Detection:



Collaboration diagram for briar::Detection:



Public Member Functions

- `::briar::Attribute * add_attributes ()`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & attributes () const`
- `const ::briar::Attribute & attributes (int index) const`
- `int attributes_size () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_attributes ()`
- `void clear_confidence ()`
- `void clear_detection_class ()`
- `void clear_detection_id ()`
- `void clear_frame ()`
- `void clear_location ()`
- `void clear_mask ()`
- `void clear_media ()`

- void [clear_tracklet_id \(\)](#)
- float [confidence \(\) const](#)
- void [CopyFrom \(const ::google::protobuf::Message &from\) final](#)
- void [CopyFrom \(const Detection &from\)](#)
- [Detection \(\)](#)
- [Detection \(const Detection &from\)](#)
- const ::std::string & [detection_class \(\) const](#)
- ::google::protobuf::int64 [detection_id \(\) const](#)
- ::google::protobuf::int32 [frame \(\) const](#)
- int [GetCachedSize \(\) const final](#)
- ::google::protobuf::Metadata [GetMetadata \(\) const final](#)
- bool [has_location \(\) const](#)
- bool [has_mask \(\) const](#)
- bool [has_media \(\) const](#)
- ::google::protobuf::uint8 * [InternalSerializeWithCachedSizesToArray \(bool deterministic, ::google::protobuf::uint8 *target\) const final](#)
- bool [IsInitialized \(\) const final](#)
- const ::briar::BriarRect & [location \(\) const](#)
- const ::briar::BriarMedia & [mask \(\) const](#)
- const ::briar::BriarMedia & [media \(\) const](#)
- void [MergeFrom \(const ::google::protobuf::Message &from\) final](#)
- void [MergeFrom \(const Detection &from\)](#)
- bool [MergePartialFromCodedStream \(::google::protobuf::io::CodedInputStream *input\) final](#)
- ::google::protobuf::RepeatedPtrField< ::briar::Attribute > * [mutable_attributes \(\)](#)
- ::briar::Attribute * [mutable_attributes \(int index\)](#)
- ::std::string * [mutable_detection_class \(\)](#)
- ::briar::BriarRect * [mutable_location \(\)](#)
- ::briar::BriarMedia * [mutable_mask \(\)](#)
- ::briar::BriarMedia * [mutable_media \(\)](#)
- Detection * [New \(\) const final](#)
- Detection * [New \(::google::protobuf::Arena *arena\) const final](#)
- Detection & [operator= \(const Detection &from\)](#)
- ::std::string * [release_detection_class \(\)](#)
- ::briar::BriarRect * [release_location \(\)](#)
- ::briar::BriarMedia * [release_mask \(\)](#)
- ::briar::BriarMedia * [release_media \(\)](#)
- void [SerializeWithCachedSizes \(::google::protobuf::io::CodedOutputStream *output\) const final](#)
- void [set_allocated_detection_class \(::std::string *detection_class\)](#)
- void [set_allocated_location \(::briar::BriarRect *location\)](#)
- void [set_allocated_mask \(::briar::BriarMedia *mask\)](#)
- void [set_allocated_media \(::briar::BriarMedia *media\)](#)
- void [set_confidence \(float value\)](#)
- void [set_detection_class \(const ::std::string &value\)](#)
- void [set_detection_class \(const char *value\)](#)
- void [set_detection_class \(const char *value, size_t size\)](#)
- void [set_detection_id \(::google::protobuf::int64 value\)](#)
- void [set_frame \(::google::protobuf::int32 value\)](#)
- void [set_tracklet_id \(::google::protobuf::int64 value\)](#)
- void [Swap \(Detection *other\)](#)
- ::google::protobuf::int64 [tracklet_id \(\) const](#)
- virtual [~Detection \(\)](#)

Static Public Member Functions

- static const `Detection & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `Detection * internal_default_instance ()`

Static Public Attributes

- static const int `kAttributesFieldNumber = 7`
- static const int `kConfidenceFieldNumber = 1`
- static const int `kDetectionClassFieldNumber = 6`
- static const int `kDetectionIdFieldNumber = 4`
- static const int `kFrameFieldNumber = 3`
- static constexpr int `kIndexInFileMessages`
- static const int `kLocationFieldNumber = 2`
- static const int `kMaskFieldNumber = 8`
- static const int `kMediaFieldNumber = 9`
- static const int `kTrackletIdFieldNumber = 5`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (Detection &a, Detection &b)`

7.99.1 Constructor & Destructor Documentation

7.99.1.1 `Detection()` [1/2]

```
briar::Detection::Detection ( )
```

7.99.1.2 `~Detection()`

```
briar::Detection::~Detection ( ) [virtual]
```

7.99.1.3 `Detection()` [2/2]

```
briar::Detection::Detection (
    const Detection & from )
```

7.99.2 Member Function Documentation

7.99.2.1 add_attributes()

```
briar::Attribute * briar::Detection::add_attributes ( ) [inline]
```

7.99.2.2 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::Detection::attributes  
( ) const [inline]
```

7.99.2.3 attributes() [2/2]

```
const ::briar::Attribute & briar::Detection::attributes (int index) const [inline]
```

7.99.2.4 attributes_size()

```
int briar::Detection::attributes_size ( ) const [inline]
```

7.99.2.5 ByteSizeLong()

```
size_t briar::Detection::ByteSizeLong ( ) const [final]
```

7.99.2.6 Clear()

```
void briar::Detection::Clear ( ) [final]
```

7.99.2.7 clear_attributes()

```
void briar::Detection::clear_attributes ( ) [inline]
```

7.99.2.8 clear_confidence()

```
void briar::Detection::clear_confidence () [inline]
```

7.99.2.9 clear_detection_class()

```
void briar::Detection::clear_detection_class () [inline]
```

7.99.2.10 clear_detection_id()

```
void briar::Detection::clear_detection_id () [inline]
```

7.99.2.11 clear_frame()

```
void briar::Detection::clear_frame () [inline]
```

7.99.2.12 clear_location()

```
void briar::Detection::clear_location () [inline]
```

7.99.2.13 clear_mask()

```
void briar::Detection::clear_mask () [inline]
```

7.99.2.14 clear_media()

```
void briar::Detection::clear_media () [inline]
```

7.99.2.15 clear_tracklet_id()

```
void briar::Detection::clear_tracklet_id () [inline]
```

7.99.2.16 confidence()

```
float briar::Detection::confidence () const [inline]
```

7.99.2.17 CopyFrom() [1/2]

```
void briar::Detection::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.99.2.18 CopyFrom() [2/2]

```
void briar::Detection::CopyFrom (
    const Detection & from)
```

7.99.2.19 default_instance()

```
const Detection & briar::Detection::default_instance () [static]
```

7.99.2.20 descriptor()

```
const ::google::protobuf::Descriptor * briar::Detection::descriptor () [static]
```

7.99.2.21 detection_class()

```
const ::std::string & briar::Detection::detection_class () const [inline]
```

7.99.2.22 detection_id()

```
google::protobuf::int64 briar::Detection::detection_id () const [inline]
```

7.99.2.23 frame()

```
google::protobuf::int32 briar::Detection::frame () const [inline]
```

7.99.2.24 GetCachedSize()

```
int briar::Detection::GetCachedSize () const [inline], [final]
```

7.99.2.25 GetMetadata()

```
google::protobuf::Metadata briar::Detection::GetMetadata () const [final]
```

7.99.2.26 has_location()

```
bool briar::Detection::has_location () const [inline]
```

7.99.2.27 has_mask()

```
bool briar::Detection::has_mask () const [inline]
```

7.99.2.28 has_media()

```
bool briar::Detection::has_media () const [inline]
```

7.99.2.29 InitAsDefaultInstance()

```
void briar::Detection::InitAsDefaultInstance () [static]
```

7.99.2.30 internal_default_instance()

```
static const Detection\* briar::Detection::internal_default_instance () [inline], [static]
```

7.99.2.31 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::Detection::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.99.2.32 IsInitialized()

```
bool briar::Detection::IsInitialized () const [final]
```

7.99.2.33 location()

```
const ::briar::BriarRect & briar::Detection::location () const [inline]
```

7.99.2.34 mask()

```
const ::briar::BriarMedia & briar::Detection::mask () const [inline]
```

7.99.2.35 media()

```
const ::briar::BriarMedia & briar::Detection::media () const [inline]
```

7.99.2.36 MergeFrom() [1/2]

```
void briar::Detection::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.99.2.37 MergeFrom() [2/2]

```
void briar::Detection::MergeFrom (
    const Detection & from )
```

7.99.2.38 MergePartialFromCodedStream()

```
bool briar::Detection::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.99.2.39 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::Detection::mutable_attributes
( ) [inline]
```

7.99.2.40 mutable_attributes() [2/2]

```
briar::Attribute * briar::Detection::mutable_attributes (
    int index ) [inline]
```

7.99.2.41 mutable_detection_class()

```
std::string * briar::Detection::mutable_detection_class ( ) [inline]
```

7.99.2.42 mutable_location()

```
briar::BriarRect * briar::Detection::mutable_location ( ) [inline]
```

7.99.2.43 mutable_mask()

```
briar::BriarMedia * briar::Detection::mutable_mask ( ) [inline]
```

7.99.2.44 mutable_media()

```
briar::BriarMedia * briar::Detection::mutable_media ( ) [inline]
```

7.99.2.45 New() [1/2]

```
Detection* briar::Detection::New ( ) const [inline], [final]
```

7.99.2.46 New() [2/2]

```
Detection* briar::Detection::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.99.2.47 operator=()

```
Detection& briar::Detection::operator= (
    const Detection & from ) [inline]
```

7.99.2.48 release_detection_class()

```
std::string * briar::Detection::release_detection_class ( ) [inline]
```

7.99.2.49 release_location()

```
briar::BriarRect * briar::Detection::release_location ( ) [inline]
```

7.99.2.50 release_mask()

```
briar::BriarMedia * briar::Detection::release_mask ( ) [inline]
```

7.99.2.51 release_media()

```
briar::BriarMedia * briar::Detection::release_media ( ) [inline]
```

7.99.2.52 SerializeWithCachedSizes()

```
void briar::Detection::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.99.2.53 set_allocated_detection_class()

```
void briar::Detection::set_allocated_detection_class (
    ::std::string * detection_class ) [inline]
```

7.99.2.54 set_allocated_location()

```
void briar::Detection::set_allocated_location (
    ::briar::BriarRect * location ) [inline]
```

7.99.2.55 set_allocated_mask()

```
void briar::Detection::set_allocated_mask (
    ::briar::BriarMedia * mask ) [inline]
```

7.99.2.56 set_allocated_media()

```
void briar::Detection::set_allocated_media (
    ::briar::BriarMedia * media ) [inline]
```

7.99.2.57 set_confidence()

```
void briar::Detection::set_confidence (
    float value ) [inline]
```

7.99.2.58 set_detection_class() [1/3]

```
void briar::Detection::set_detection_class (
    const ::std::string & value ) [inline]
```

7.99.2.59 set_detection_class() [2/3]

```
void briar::Detection::set_detection_class (
    const char * value )  [inline]
```

7.99.2.60 set_detection_class() [3/3]

```
void briar::Detection::set_detection_class (
    const char * value,
    size_t size )  [inline]
```

7.99.2.61 set_detection_id()

```
void briar::Detection::set_detection_id (
    ::google::protobuf::int64 value )  [inline]
```

7.99.2.62 set_frame()

```
void briar::Detection::set_frame (
    ::google::protobuf::int32 value )  [inline]
```

7.99.2.63 set_tracklet_id()

```
void briar::Detection::set_tracklet_id (
    ::google::protobuf::int64 value )  [inline]
```

7.99.2.64 Swap()

```
void briar::Detection::Swap (
    Detection * other )
```

7.99.2.65 tracklet_id()

```
google::protobuf::int64 briar::Detection::tracklet_id ( ) const  [inline]
```

7.99.3 Friends And Related Function Documentation

7.99.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.99.3.2 swap

```
void swap (
    Detection & a,
    Detection & b ) [friend]
```

7.99.4 Member Data Documentation

7.99.4.1 kAttributesFieldNumber

```
const int briar::Detection::kAttributesFieldNumber = 7 [static]
```

7.99.4.2 kConfidenceFieldNumber

```
const int briar::Detection::kConfidenceFieldNumber = 1 [static]
```

7.99.4.3 kDetectionClassFieldNumber

```
const int briar::Detection::kDetectionClassFieldNumber = 6 [static]
```

7.99.4.4 kDetectionIdFieldNumber

```
const int briar::Detection::kDetectionIdFieldNumber = 4 [static]
```

7.99.4.5 kFrameFieldNumber

```
const int briar::Detection::kFrameFieldNumber = 3 [static]
```

7.99.4.6 kIndexInFileMessages

```
constexpr int briar::Detection::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 19
```

7.99.4.7 kLocationFieldNumber

```
const int briar::Detection::kLocationFieldNumber = 2 [static]
```

7.99.4.8 kMaskFieldNumber

```
const int briar::Detection::kMaskFieldNumber = 8 [static]
```

7.99.4.9 kMediaFieldNumber

```
const int briar::Detection::kMediaFieldNumber = 9 [static]
```

7.99.4.10 kTrackletIdFieldNumber

```
const int briar::Detection::kTrackletIdFieldNumber = 5 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.cc

7.100 briar::DetectionDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [Detection](#) > [_instance](#)

7.100.1 Member Data Documentation

7.100.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<Detection> briar::DetectionDefaultType←  
Internal::_instance
```

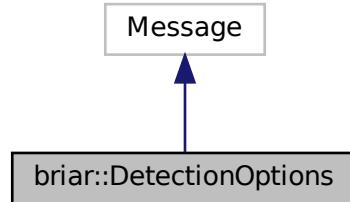
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

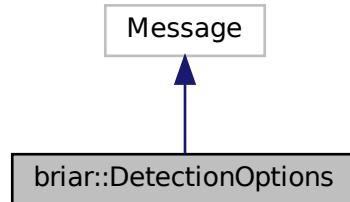
7.101 briar::DetectionOptions Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::DetectionOptions:



Collaboration diagram for briar::DetectionOptions:



Public Member Functions

- `::briar::Attribute * add_attributes ()`
- `const ::briar::StringOption & algorithm_id () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & attributes () const`
- `const ::briar::Attribute & attributes (int index) const`
- `int attributes_size () const`
- `const ::briar::BoolOption & best () const`
- `const ::briar::IntOption & body_min_height () const`
- `const ::briar::FloatOption & body_threshold () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_algorithm_id ()`
- `void clear_attributes ()`
- `void clear_best ()`
- `void clear_body_min_height ()`
- `void clear_body_threshold ()`
- `void clear_debug ()`
- `void clear_detect_batch ()`
- `void clear_enable_metadata ()`
- `void clear_face_min_height ()`
- `void clear_face_threshold ()`
- `void clear_modality ()`
- `void clear_return_media ()`
- `void clear_tracking_options ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const DetectionOptions &from)`
- `const ::briar::BoolOption & debug () const`
- `const ::briar::IntOption & detect_batch () const`
- `DetectionOptions ()`
- `DetectionOptions (const DetectionOptions &from)`
- `const ::briar::BoolOption & enable_metadata () const`
- `const ::briar::IntOption & face_min_height () const`
- `const ::briar::FloatOption & face_threshold () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_algorithm_id () const`
- `bool has_best () const`
- `bool has_body_min_height () const`
- `bool has_body_threshold () const`
- `bool has_debug () const`
- `bool has_detect_batch () const`
- `bool has_enable_metadata () const`
- `bool has_face_min_height () const`
- `bool has_face_threshold () const`
- `bool has_return_media () const`
- `bool has_tracking_options () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const DetectionOptions &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::BiometricModality modality () const`
- `::briar::StringOption * mutable_algorithm_id ()`

- ::google::protobuf::RepeatedPtrField< ::briar::Attribute > * `mutable_attributes` ()
- ::briar::Attribute * `mutable_attributes` (int index)
- ::briar::BoolOption * `mutable_best` ()
- ::briar::IntOption * `mutable_body_min_height` ()
- ::briar::FloatOption * `mutable_body_threshold` ()
- ::briar::BoolOption * `mutable_debug` ()
- ::briar::IntOption * `mutable_detect_batch` ()
- ::briar::BoolOption * `mutable_enable_metadata` ()
- ::briar::IntOption * `mutable_face_min_height` ()
- ::briar::FloatOption * `mutable_face_threshold` ()
- ::briar::BoolOption * `mutable_return_media` ()
- ::briar::TrackingOptions * `mutable_tracking_options` ()
- `DetectionOptions` * `New` () const final
- `DetectionOptions` * `New` (::google::protobuf::Arena *arena) const final
- `DetectionOptions` & `operator=` (const `DetectionOptions` &from)
- ::briar::StringOption * `release_algorithm_id` ()
- ::briar::BoolOption * `release_best` ()
- ::briar::IntOption * `release_body_min_height` ()
- ::briar::FloatOption * `release_body_threshold` ()
- ::briar::BoolOption * `release_debug` ()
- ::briar::IntOption * `release_detect_batch` ()
- ::briar::BoolOption * `release_enable_metadata` ()
- ::briar::IntOption * `release_face_min_height` ()
- ::briar::FloatOption * `release_face_threshold` ()
- ::briar::BoolOption * `release_return_media` ()
- ::briar::TrackingOptions * `release_tracking_options` ()
- const ::briar::BoolOption & `return_media` () const
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_allocated_algorithm_id` (::briar::StringOption *algorithm_id)
- void `set_allocated_best` (::briar::BoolOption *best)
- void `set_allocated_body_min_height` (::briar::IntOption *body_min_height)
- void `set_allocated_body_threshold` (::briar::FloatOption *body_threshold)
- void `set_allocated_debug` (::briar::BoolOption *debug)
- void `set_allocated_detect_batch` (::briar::IntOption *detect_batch)
- void `set_allocated_enable_metadata` (::briar::BoolOption *enable_metadata)
- void `set_allocated_face_min_height` (::briar::IntOption *face_min_height)
- void `set_allocated_face_threshold` (::briar::FloatOption *face_threshold)
- void `set_allocated_return_media` (::briar::BoolOption *return_media)
- void `set_allocated_tracking_options` (::briar::TrackingOptions *tracking_options)
- void `set_modality` (::briar::BiometricModality value)
- void `Swap` (`DetectionOptions` *other)
- const ::briar::TrackingOptions & `tracking_options` () const
- virtual ~`DetectionOptions` ()

Static Public Member Functions

- static const `DetectionOptions` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `DetectionOptions` * `internal_default_instance` ()

Static Public Attributes

- static const int `kAlgorithmIdFieldNumber` = 1
- static const int `kAttributesFieldNumber` = 13
- static const int `kBestFieldNumber` = 2
- static const int `kBodyMinHeightFieldNumber` = 6
- static const int `kBodyThresholdFieldNumber` = 4
- static const int `kDebugFieldNumber` = 9
- static const int `kDetectBatchFieldNumber` = 7
- static const int `kEnableMetadataFieldNumber` = 8
- static const int `kFaceMinHeightFieldNumber` = 5
- static const int `kFaceThresholdFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`
- static const int `kModalityFieldNumber` = 12
- static const int `kReturnMediaFieldNumber` = 10
- static const int `kTrackingOptionsFieldNumber` = 11

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap` (`DetectionOptions &a, DetectionOptions &b`)

7.101.1 Constructor & Destructor Documentation

7.101.1.1 `DetectionOptions()` [1/2]

```
briar::DetectionOptions::DetectionOptions ( )
```

7.101.1.2 `~DetectionOptions()`

```
briar::DetectionOptions::~DetectionOptions ( ) [virtual]
```

7.101.1.3 `DetectionOptions()` [2/2]

```
briar::DetectionOptions::DetectionOptions ( 
    const DetectionOptions & from )
```

7.101.2 Member Function Documentation

7.101.2.1 add_attributes()

```
briar::Attribute * briar::DetectionOptions::add_attributes ( ) [inline]
```

7.101.2.2 algorithm_id()

```
const ::briar::StringOption & briar::DetectionOptions::algorithm_id ( ) const [inline]
```

7.101.2.3 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::DetectionOptions::attributes ( ) const [inline]
```

7.101.2.4 attributes() [2/2]

```
const ::briar::Attribute & briar::DetectionOptions::attributes ( int index ) const [inline]
```

7.101.2.5 attributes_size()

```
int briar::DetectionOptions::attributes_size ( ) const [inline]
```

7.101.2.6 best()

```
const ::briar::BoolOption & briar::DetectionOptions::best ( ) const [inline]
```

7.101.2.7 body_min_height()

```
const ::briar::IntOption & briar::DetectionOptions::body_min_height ( ) const [inline]
```

7.101.2.8 body_threshold()

```
const ::briar::FloatOption & briar::DetectionOptions::body_threshold ( ) const [inline]
```

7.101.2.9 ByteSizeLong()

```
size_t briar::DetectionOptions::ByteSizeLong ( ) const [final]
```

7.101.2.10 Clear()

```
void briar::DetectionOptions::Clear ( ) [final]
```

7.101.2.11 clear_algorithm_id()

```
void briar::DetectionOptions::clear_algorithm_id ( ) [inline]
```

7.101.2.12 clear_attributes()

```
void briar::DetectionOptions::clear_attributes ( ) [inline]
```

7.101.2.13 clear_best()

```
void briar::DetectionOptions::clear_best ( ) [inline]
```

7.101.2.14 clear_body_min_height()

```
void briar::DetectionOptions::clear_body_min_height ( ) [inline]
```

7.101.2.15 clear_body_threshold()

```
void briar::DetectionOptions::clear_body_threshold ( ) [inline]
```

7.101.2.16 `clear_debug()`

```
void briar::DetectionOptions::clear_debug ( ) [inline]
```

7.101.2.17 `clear_detect_batch()`

```
void briar::DetectionOptions::clear_detect_batch ( ) [inline]
```

7.101.2.18 `clear_enable_metadata()`

```
void briar::DetectionOptions::clear_enable_metadata ( ) [inline]
```

7.101.2.19 `clear_face_min_height()`

```
void briar::DetectionOptions::clear_face_min_height ( ) [inline]
```

7.101.2.20 `clear_face_threshold()`

```
void briar::DetectionOptions::clear_face_threshold ( ) [inline]
```

7.101.2.21 `clear_modality()`

```
void briar::DetectionOptions::clear_modality ( ) [inline]
```

7.101.2.22 `clear_return_media()`

```
void briar::DetectionOptions::clear_return_media ( ) [inline]
```

7.101.2.23 `clear_tracking_options()`

```
void briar::DetectionOptions::clear_tracking_options ( ) [inline]
```

7.101.2.24 CopyFrom() [1/2]

```
void briar::DetectionOptions::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.101.2.25 CopyFrom() [2/2]

```
void briar::DetectionOptions::CopyFrom (
    const DetectionOptions & from)
```

7.101.2.26 debug()

```
const ::briar::BoolOption & briar::DetectionOptions::debug () const [inline]
```

7.101.2.27 default_instance()

```
const DetectionOptions & briar::DetectionOptions::default_instance () [static]
```

7.101.2.28 descriptor()

```
const ::google::protobuf::Descriptor * briar::DetectionOptions::descriptor () [static]
```

7.101.2.29 detect_batch()

```
const ::briar::IntOption & briar::DetectionOptions::detect_batch () const [inline]
```

7.101.2.30 enable_metadata()

```
const ::briar::BoolOption & briar::DetectionOptions::enable_metadata () const [inline]
```

7.101.2.31 face_min_height()

```
const ::briar::IntOption & briar::DetectionOptions::face_min_height () const [inline]
```

7.101.2.32 face_threshold()

```
const ::briar::FloatOption & briar::DetectionOptions::face_threshold () const [inline]
```

7.101.2.33 GetCachedSize()

```
int briar::DetectionOptions::GetCachedSize () const [inline], [final]
```

7.101.2.34 GetMetadata()

```
google::protobuf::Metadata briar::DetectionOptions::GetMetadata () const [final]
```

7.101.2.35 has_algorithm_id()

```
bool briar::DetectionOptions::has_algorithm_id () const [inline]
```

7.101.2.36 has_best()

```
bool briar::DetectionOptions::has_best () const [inline]
```

7.101.2.37 has_body_min_height()

```
bool briar::DetectionOptions::has_body_min_height () const [inline]
```

7.101.2.38 has_body_threshold()

```
bool briar::DetectionOptions::has_body_threshold () const [inline]
```

7.101.2.39 has_debug()

```
bool briar::DetectionOptions::has_debug () const [inline]
```

7.101.2.40 has_detect_batch()

```
bool briar::DetectionOptions::has_detect_batch () const [inline]
```

7.101.2.41 has_enable_metadata()

```
bool briar::DetectionOptions::has_enable_metadata () const [inline]
```

7.101.2.42 has_face_min_height()

```
bool briar::DetectionOptions::has_face_min_height () const [inline]
```

7.101.2.43 has_face_threshold()

```
bool briar::DetectionOptions::has_face_threshold () const [inline]
```

7.101.2.44 has_return_media()

```
bool briar::DetectionOptions::has_return_media () const [inline]
```

7.101.2.45 has_tracking_options()

```
bool briar::DetectionOptions::has_tracking_options () const [inline]
```

7.101.2.46 InitAsDefaultInstance()

```
void briar::DetectionOptions::InitAsDefaultInstance () [static]
```

7.101.2.47 internal_default_instance()

```
static const DetectionOptions* briar::DetectionOptions::internal_default_instance ( ) [inline],  
[static]
```

7.101.2.48 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DetectionOptions::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.101.2.49 IsInitialized()

```
bool briar::DetectionOptions::IsInitialized ( ) const [final]
```

7.101.2.50 MergeFrom() [1/2]

```
void briar::DetectionOptions::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.101.2.51 MergeFrom() [2/2]

```
void briar::DetectionOptions::MergeFrom (   
    const DetectionOptions & from )
```

7.101.2.52 MergePartialFromCodedStream()

```
bool briar::DetectionOptions::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.101.2.53 modality()

```
briar::BiometricModality briar::DetectionOptions::modality ( ) const [inline]
```

7.101.2.54 mutable_algorithm_id()

```
briar::StringOption * briar::DetectionOptions::mutable_algorithm_id ( ) [inline]
```

7.101.2.55 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::DetectionOptions::mutable_attributes ( ) [inline]
```

7.101.2.56 mutable_attributes() [2/2]

```
briar::Attribute * briar::DetectionOptions::mutable_attributes ( int index ) [inline]
```

7.101.2.57 mutable_best()

```
briar::BoolOption * briar::DetectionOptions::mutable_best ( ) [inline]
```

7.101.2.58 mutable_body_min_height()

```
briar::IntOption * briar::DetectionOptions::mutable_body_min_height ( ) [inline]
```

7.101.2.59 mutable_body_threshold()

```
briar::FloatOption * briar::DetectionOptions::mutable_body_threshold ( ) [inline]
```

7.101.2.60 mutable_debug()

```
briar::BoolOption * briar::DetectionOptions::mutable_debug ( ) [inline]
```

7.101.2.61 mutable_detect_batch()

```
briar::IntOption * briar::DetectionOptions::mutable_detect_batch ( ) [inline]
```

7.101.2.62 mutable_enable_metadata()

```
briar::BoolOption * briar::DetectionOptions::mutable_enable_metadata ( ) [inline]
```

7.101.2.63 mutable_face_min_height()

```
briar::IntOption * briar::DetectionOptions::mutable_face_min_height ( ) [inline]
```

7.101.2.64 mutable_face_threshold()

```
briar::FloatOption * briar::DetectionOptions::mutable_face_threshold ( ) [inline]
```

7.101.2.65 mutable_return_media()

```
briar::BoolOption * briar::DetectionOptions::mutable_return_media ( ) [inline]
```

7.101.2.66 mutable_tracking_options()

```
briar::TrackingOptions * briar::DetectionOptions::mutable_tracking_options ( ) [inline]
```

7.101.2.67 New() [1/2]

```
DetectionOptions* briar::DetectionOptions::New ( ) const [inline], [final]
```

7.101.2.68 New() [2/2]

```
DetectionOptions* briar::DetectionOptions::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.101.2.69 operator=()

```
DetectionOptions& briar::DetectionOptions::operator= (
    const DetectionOptions & from ) [inline]
```

7.101.2.70 release_algorithm_id()

```
briar::StringOption * briar::DetectionOptions::release_algorithm_id () [inline]
```

7.101.2.71 release_best()

```
briar::BoolOption * briar::DetectionOptions::release_best () [inline]
```

7.101.2.72 release_body_min_height()

```
briar::IntOption * briar::DetectionOptions::release_body_min_height () [inline]
```

7.101.2.73 release_body_threshold()

```
briar::FloatOption * briar::DetectionOptions::release_body_threshold () [inline]
```

7.101.2.74 release_debug()

```
briar::BoolOption * briar::DetectionOptions::release_debug () [inline]
```

7.101.2.75 release_detect_batch()

```
briar::IntOption * briar::DetectionOptions::release_detect_batch () [inline]
```

7.101.2.76 `release_enable_metadata()`

```
briar::BoolOption * briar::DetectionOptions::release_enable_metadata ( ) [inline]
```

7.101.2.77 `release_face_min_height()`

```
briar::IntOption * briar::DetectionOptions::release_face_min_height ( ) [inline]
```

7.101.2.78 `release_face_threshold()`

```
briar::FloatOption * briar::DetectionOptions::release_face_threshold ( ) [inline]
```

7.101.2.79 `release_return_media()`

```
briar::BoolOption * briar::DetectionOptions::release_return_media ( ) [inline]
```

7.101.2.80 `release_tracking_options()`

```
briar::TrackingOptions * briar::DetectionOptions::release_tracking_options ( ) [inline]
```

7.101.2.81 `return_media()`

```
const ::briar::BoolOption & briar::DetectionOptions::return_media ( ) const [inline]
```

7.101.2.82 `SerializeWithCachedSizes()`

```
void briar::DetectionOptions::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.101.2.83 set_allocated_algorithm_id()

```
void briar::DetectionOptions::set_allocated_algorithm_id (
    ::briar::StringOption * algorithm_id ) [inline]
```

7.101.2.84 set_allocated_best()

```
void briar::DetectionOptions::set_allocated_best (
    ::briar::BoolOption * best ) [inline]
```

7.101.2.85 set_allocated_body_min_height()

```
void briar::DetectionOptions::set_allocated_body_min_height (
    ::briar::IntOption * body_min_height ) [inline]
```

7.101.2.86 set_allocated_body_threshold()

```
void briar::DetectionOptions::set_allocated_body_threshold (
    ::briar::FloatOption * body_threshold ) [inline]
```

7.101.2.87 set_allocated_debug()

```
void briar::DetectionOptions::set_allocated_debug (
    ::briar::BoolOption * debug ) [inline]
```

7.101.2.88 set_allocated_detect_batch()

```
void briar::DetectionOptions::set_allocated_detect_batch (
    ::briar::IntOption * detect_batch ) [inline]
```

7.101.2.89 set_allocated_enable_metadata()

```
void briar::DetectionOptions::set_allocated_enable_metadata (
    ::briar::BoolOption * enable_metadata ) [inline]
```

7.101.2.90 set_allocated_face_min_height()

```
void briar::DetectionOptions::set_allocated_face_min_height (
    ::briar::IntOption * face_min_height ) [inline]
```

7.101.2.91 set_allocated_face_threshold()

```
void briar::DetectionOptions::set_allocated_face_threshold (
    ::briar::FloatOption * face_threshold ) [inline]
```

7.101.2.92 set_allocated_return_media()

```
void briar::DetectionOptions::set_allocated_return_media (
    ::briar::BoolOption * return_media ) [inline]
```

7.101.2.93 set_allocated_tracking_options()

```
void briar::DetectionOptions::set_allocated_tracking_options (
    ::briar::TrackingOptions * tracking_options ) [inline]
```

7.101.2.94 set_modality()

```
void briar::DetectionOptions::set_modality (
    ::briar::BiometricModality value ) [inline]
```

7.101.2.95 Swap()

```
void briar::DetectionOptions::Swap (
    DetectionOptions * other )
```

7.101.2.96 tracking_options()

```
const ::briar::TrackingOptions & briar::DetectionOptions::tracking_options ( ) const [inline]
```

7.101.3 Friends And Related Function Documentation

7.101.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.101.3.2 swap

```
void swap (
    DetectionOptions & a,
    DetectionOptions & b ) [friend]
```

7.101.4 Member Data Documentation

7.101.4.1 kAlgorithmIdFieldNumber

```
const int briar::DetectionOptions::kAlgorithmIdFieldNumber = 1 [static]
```

7.101.4.2 kAttributesFieldNumber

```
const int briar::DetectionOptions::kAttributesFieldNumber = 13 [static]
```

7.101.4.3 kBestFieldNumber

```
const int briar::DetectionOptions::kBestFieldNumber = 2 [static]
```

7.101.4.4 kBodyMinHeightFieldNumber

```
const int briar::DetectionOptions::kBodyMinHeightFieldNumber = 6 [static]
```

7.101.4.5 **kBodyThresholdFieldNumber**

```
const int briar::DetectionOptions::kBodyThresholdFieldNumber = 4 [static]
```

7.101.4.6 **kDebugFieldNumber**

```
const int briar::DetectionOptions::kDebugFieldNumber = 9 [static]
```

7.101.4.7 **kDetectBatchFieldNumber**

```
const int briar::DetectionOptions::kDetectBatchFieldNumber = 7 [static]
```

7.101.4.8 **kEnableMetadataFieldNumber**

```
const int briar::DetectionOptions::kEnableMetadataFieldNumber = 8 [static]
```

7.101.4.9 **kFaceMinHeightFieldNumber**

```
const int briar::DetectionOptions::kFaceMinHeightFieldNumber = 5 [static]
```

7.101.4.10 **kFaceThresholdFieldNumber**

```
const int briar::DetectionOptions::kFaceThresholdFieldNumber = 3 [static]
```

7.101.4.11 **kIndexInFileMessages**

```
constexpr int briar::DetectionOptions::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 21
```

7.101.4.12 kModalityFieldNumber

```
const int briar::DetectionOptions::kModalityFieldNumber = 12 [static]
```

7.101.4.13 kReturnMediaFieldNumber

```
const int briar::DetectionOptions::kReturnMediaFieldNumber = 10 [static]
```

7.101.4.14 kTrackingOptionsFieldNumber

```
const int briar::DetectionOptions::kTrackingOptionsFieldNumber = 11 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.102 briar::DetectionOptionsDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DetectionOptions](#) > [_instance](#)

7.102.1 Member Data Documentation

7.102.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<DetectionOptions> briar::DetectionOptionsDefaultTypeInternal:::_instance
```

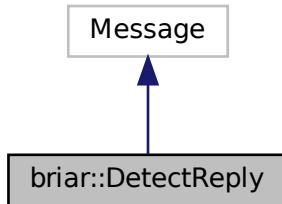
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

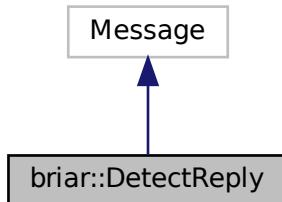
7.103 briar::DetectReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DetectReply:



Collaboration diagram for briar::DetectReply:



Public Member Functions

- `::briar::Detection * add_detections ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_detections ()`
- `void clear_durations ()`
- `void clear_errors ()`
- `void clear_frame_id ()`
- `void clear_modality ()`
- `void clear_progress ()`
- `void clear_reference_media ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const DetectReply &from)`
- `const ::google::protobuf::RepeatedPtrField<::briar::Detection> & detections () const`
- `const ::briar::Detection & detections (int index) const`

- int `detections_size () const`
- `DetectReply ()`
- `DetectReply (const DetectReply &from)`
- const `::briar::BriarDurations & durations () const`
- const `::briar::BriarErrors & errors () const`
- `::google::protobuf::int64 frame_id () const`
- int `GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- bool `has_durations () const`
- bool `has_errors () const`
- bool `has_progress () const`
- bool `has_reference_media () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const DetectReply &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::BiometricModality modality () const`
- `::google::protobuf::RepeatedPtrField<::briar::Detection> * mutable_detections ()`
- `::briar::Detection * mutable_detections (int index)`
- `::briar::BriarDurations * mutable_durations ()`
- `::briar::BriarErrors * mutable_errors ()`
- `::briar::BriarProgress * mutable_progress ()`
- `::briar::BriarMedia * mutable_reference_media ()`
- `DetectReply * New () const final`
- `DetectReply * New (::google::protobuf::Arena *arena) const final`
- `DetectReply & operator= (const DetectReply &from)`
- const `::briar::BriarProgress & progress () const`
- const `::briar::BriarMedia & reference_media () const`
- `::briar::BriarDurations * release_durations ()`
- `::briar::BriarErrors * release_errors ()`
- `::briar::BriarProgress * release_progress ()`
- `::briar::BriarMedia * release_reference_media ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_errors (::briar::BriarErrors *errors)`
- void `set_allocated_progress (::briar::BriarProgress *progress)`
- void `set_allocated_reference_media (::briar::BriarMedia *reference_media)`
- void `set_frame_id (::google::protobuf::int64 value)`
- void `set_modality (::briar::BiometricModality value)`
- void `Swap (DetectReply *other)`
- virtual `~DetectReply ()`

Static Public Member Functions

- static const `DetectReply & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `DetectReply * internal_default_instance ()`

Static Public Attributes

- static const int `kDetectionsFieldNumber` = 1
- static const int `kDurationsFieldNumber` = 2
- static const int `kErrorsFieldNumber` = 5
- static const int `kFrameIdFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`
- static const int `kModalityFieldNumber` = 4
- static const int `kProgressFieldNumber` = 6
- static const int `kReferenceMediaFieldNumber` = 7

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap (DetectReply &a, DetectReply &b)`

7.103.1 Constructor & Destructor Documentation

7.103.1.1 DetectReply() [1/2]

```
briar::DetectReply::DetectReply ( )
```

7.103.1.2 ~DetectReply()

```
briar::DetectReply::~DetectReply ( ) [virtual]
```

7.103.1.3 DetectReply() [2/2]

```
briar::DetectReply::DetectReply (
    const DetectReply & from )
```

7.103.2 Member Function Documentation

7.103.2.1 add_detections()

```
briar::Detection * briar::DetectReply::add_detections ( ) [inline]
```

7.103.2.2 ByteSizeLong()

```
size_t briar::DetectReply::ByteSizeLong ( ) const [final]
```

7.103.2.3 Clear()

```
void briar::DetectReply::Clear ( ) [final]
```

7.103.2.4 clear_detections()

```
void briar::DetectReply::clear_detections ( )
```

7.103.2.5 clear_durations()

```
void briar::DetectReply::clear_durations ( )
```

7.103.2.6 clear_errors()

```
void briar::DetectReply::clear_errors ( )
```

7.103.2.7 clear_frame_id()

```
void briar::DetectReply::clear_frame_id ( ) [inline]
```

7.103.2.8 clear_modality()

```
void briar::DetectReply::clear_modality ( ) [inline]
```

7.103.2.9 clear_progress()

```
void briar::DetectReply::clear_progress ( )
```

7.103.2.10 clear_reference_media()

```
void briar::DetectReply::clear_reference_media ( )
```

7.103.2.11 CopyFrom() [1/2]

```
void briar::DetectReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.103.2.12 CopyFrom() [2/2]

```
void briar::DetectReply::CopyFrom (
    const DetectReply & from )
```

7.103.2.13 default_instance()

```
const DetectReply & briar::DetectReply::default_instance ( ) [static]
```

7.103.2.14 descriptor()

```
const ::google::protobuf::Descriptor * briar::DetectReply::descriptor ( ) [static]
```

7.103.2.15 detections() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::DetectReply::detections
( ) const [inline]
```

7.103.2.16 detections() [2/2]

```
const ::briar::Detection & briar::DetectReply::detections (
    int index ) const [inline]
```

7.103.2.17 detections_size()

```
int briar::DetectReply::detections_size ( ) const [inline]
```

7.103.2.18 durations()

```
const ::briar::BriarDurations & briar::DetectReply::durations ( ) const [inline]
```

7.103.2.19 errors()

```
const ::briar::BriarErrors & briar::DetectReply::errors ( ) const [inline]
```

7.103.2.20 frame_id()

```
google::protobuf::int64 briar::DetectReply::frame_id ( ) const [inline]
```

7.103.2.21 GetCachedSize()

```
int briar::DetectReply::GetCachedSize ( ) const [inline], [final]
```

7.103.2.22 GetMetadata()

```
google::protobuf::Metadata briar::DetectReply::GetMetadata ( ) const [final]
```

7.103.2.23 has_durations()

```
bool briar::DetectReply::has_durations ( ) const [inline]
```

7.103.2.24 has_errors()

```
bool briar::DetectReply::has_errors ( ) const [inline]
```

7.103.2.25 has_progress()

```
bool briar::DetectReply::has_progress ( ) const [inline]
```

7.103.2.26 has_reference_media()

```
bool briar::DetectReply::has_reference_media ( ) const [inline]
```

7.103.2.27 InitAsDefaultInstance()

```
void briar::DetectReply::InitAsDefaultInstance ( ) [static]
```

7.103.2.28 internal_default_instance()

```
static const DetectReply* briar::DetectReply::internal_default_instance ( ) [inline], [static]
```

7.103.2.29 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DetectReply::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.103.2.30 IsInitialized()

```
bool briar::DetectReply::IsInitialized ( ) const [final]
```

7.103.2.31 MergeFrom() [1/2]

```
void briar::DetectReply::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.103.2.32 MergeFrom() [2/2]

```
void briar::DetectReply::MergeFrom (
    const DetectReply & from )
```

7.103.2.33 MergePartialFromCodedStream()

```
bool briar::DetectReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.103.2.34 modality()

```
briar::BiometricModality briar::DetectReply::modality () const [inline]
```

7.103.2.35 mutable_detections() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::DetectReply::mutable_detections
( ) [inline]
```

7.103.2.36 mutable_detections() [2/2]

```
briar::Detection * briar::DetectReply::mutable_detections (
    int index ) [inline]
```

7.103.2.37 mutable_durations()

```
briar::BriarDurations * briar::DetectReply::mutable_durations () [inline]
```

7.103.2.38 mutable_errors()

```
briar::BriarErrors * briar::DetectReply::mutable_errors () [inline]
```

7.103.2.39 `mutable_progress()`

```
briar::BriarProgress * briar::DetectReply::mutable_progress ( ) [inline]
```

7.103.2.40 `mutable_reference_media()`

```
briar::BriarMedia * briar::DetectReply::mutable_reference_media ( ) [inline]
```

7.103.2.41 `New() [1/2]`

```
DetectReply* briar::DetectReply::New ( ) const [inline], [final]
```

7.103.2.42 `New() [2/2]`

```
DetectReply* briar::DetectReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.103.2.43 `operator=()`

```
DetectReply& briar::DetectReply::operator= ( const DetectReply & from ) [inline]
```

7.103.2.44 `progress()`

```
const ::briar::BriarProgress & briar::DetectReply::progress ( ) const [inline]
```

7.103.2.45 `reference_media()`

```
const ::briar::BriarMedia & briar::DetectReply::reference_media ( ) const [inline]
```

7.103.2.46 release_durations()

```
briar::BriarDurations * briar::DetectReply::release_durations ( ) [inline]
```

7.103.2.47 release_errors()

```
briar::BriarErrors * briar::DetectReply::release_errors ( ) [inline]
```

7.103.2.48 release_progress()

```
briar::BriarProgress * briar::DetectReply::release_progress ( ) [inline]
```

7.103.2.49 release_reference_media()

```
briar::BriarMedia * briar::DetectReply::release_reference_media ( ) [inline]
```

7.103.2.50 SerializeWithCachedSizes()

```
void briar::DetectReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.103.2.51 set_allocated_durations()

```
void briar::DetectReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.103.2.52 set_allocated_errors()

```
void briar::DetectReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.103.2.53 set_allocated_progress()

```
void briar::DetectReply::set_allocated_progress (
    ::briar::BriarProgress * progress ) [inline]
```

7.103.2.54 set_allocated_reference_media()

```
void briar::DetectReply::set_allocated_reference_media (
    ::briar::BriarMedia * reference_media ) [inline]
```

7.103.2.55 set_frame_id()

```
void briar::DetectReply::set_frame_id (
    ::google::protobuf::int64 value ) [inline]
```

7.103.2.56 set_modality()

```
void briar::DetectReply::set_modality (
    ::briar::BiometricModality value ) [inline]
```

7.103.2.57 Swap()

```
void briar::DetectReply::Swap (
    DetectReply * other )
```

7.103.3 Friends And Related Function Documentation**7.103.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.103.3.2 swap

```
void swap (
    DetectReply & a,
    DetectReply & b ) [friend]
```

7.103.4 Member Data Documentation

7.103.4.1 kDetectionsFieldNumber

```
const int briar::DetectReply::kDetectionsFieldNumber = 1 [static]
```

7.103.4.2 kDurationsFieldNumber

```
const int briar::DetectReply::kDurationsFieldNumber = 2 [static]
```

7.103.4.3 kErrorsFieldNumber

```
const int briar::DetectReply::kErrorsFieldNumber = 5 [static]
```

7.103.4.4 kFrameIdFieldNumber

```
const int briar::DetectReply::kFrameIdFieldNumber = 3 [static]
```

7.103.4.5 kIndexInFileMessages

```
constexpr int briar::DetectReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 24
```

7.103.4.6 kModalityFieldNumber

```
const int briar::DetectReply::kModalityFieldNumber = 4 [static]
```

7.103.4.7 kProgressFieldNumber

```
const int briar::DetectReply::kProgressFieldNumber = 6 [static]
```

7.103.4.8 kReferenceMediaFieldNumber

```
const int briar::DetectReply::kReferenceMediaFieldNumber = 7 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.104 briar::DetectReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [DetectReply](#) > [_instance](#)

7.104.1 Member Data Documentation

7.104.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<DetectReply> briar::DetectReplyDefaultTypeInternal:::\_instance
```

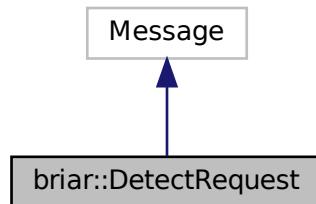
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

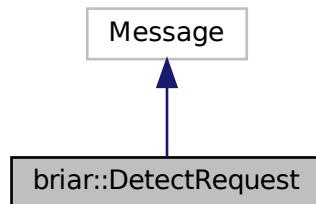
7.105 briar::DetectRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::DetectRequest:



Collaboration diagram for briar::DetectRequest:



Public Member Functions

- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [clear_detect_options \(\)](#)
- void [clear_durations \(\)](#)
- void [clear_entry_name \(\)](#)
- void [clear_entry_type \(\)](#)
- void [clear_frame \(\)](#)
- void [clear_media \(\)](#)
- void [clear_media_id \(\)](#)
- void [clear_subject_id \(\)](#)
- void [CopyFrom \(const ::google::protobuf::Message &from\) final](#)
- void [CopyFrom \(const DetectRequest &from\)](#)
- const ::briar::DetectionOptions & [detect_options \(\) const](#)
- [DetectRequest \(\)](#)

- `DetectRequest (const DetectRequest &from)`
- `const ::briar::BriarDurations & durations () const`
- `const ::std::string & entry_name () const`
- `::briar::EntryType entry_type () const`
- `::google::protobuf::int32 frame () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_detect_options () const`
- `bool has_durations () const`
- `bool has_media () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `const ::briar::BriarMedia & media () const`
- `const ::std::string & media_id () const`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const DetectRequest &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::DetectionOptions * mutable_detect_options ()`
- `::briar::BriarDurations * mutable_durations ()`
- `::std::string * mutable_entry_name ()`
- `::briar::BriarMedia * mutable_media ()`
- `::std::string * mutable_media_id ()`
- `::std::string * mutable_subject_id ()`
- `DetectRequest * New () const final`
- `DetectRequest * New (::google::protobuf::Arena *arena) const final`
- `DetectRequest & operator= (const DetectRequest &from)`
- `::briar::DetectionOptions * release_detect_options ()`
- `::briar::BriarDurations * release_durations ()`
- `::std::string * release_entry_name ()`
- `::briar::BriarMedia * release_media ()`
- `::std::string * release_media_id ()`
- `::std::string * release_subject_id ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_detect_options (::briar::DetectionOptions *detect_options)`
- `void set_allocated_durations (::briar::BriarDurations *durations)`
- `void set_allocated_entry_name (::std::string *entry_name)`
- `void set_allocated_media (::briar::BriarMedia *media)`
- `void set_allocated_media_id (::std::string *media_id)`
- `void set_allocated_subject_id (::std::string *subject_id)`
- `void set_entry_name (const ::std::string &value)`
- `void set_entry_name (const char *value)`
- `void set_entry_name (const char *value, size_t size)`
- `void set_entry_type (::briar::EntryType value)`
- `void set_frame (::google::protobuf::int32 value)`
- `void set_media_id (const ::std::string &value)`
- `void set_media_id (const char *value)`
- `void set_media_id (const char *value, size_t size)`
- `void set_subject_id (const ::std::string &value)`
- `void set_subject_id (const char *value)`
- `void set_subject_id (const char *value, size_t size)`
- `const ::std::string & subject_id () const`
- `void Swap (DetectRequest *other)`
- `virtual ~DetectRequest ()`

Static Public Member Functions

- static const DetectRequest & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const DetectRequest * `internal_default_instance` ()

Static Public Attributes

- static const int `kDetectOptionsFieldNumber` = 8
- static const int `kDurationsFieldNumber` = 7
- static const int `kEntryNameFieldNumber` = 6
- static const int `kEntryTypeFieldNumber` = 5
- static const int `kFrameFieldNumber` = 2
- static constexpr int `kIndexInFileMessages`
- static const int `kMediaFieldNumber` = 1
- static const int `kMedialdFieldNumber` = 4
- static const int `kSubjectIdFieldNumber` = 3

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap` (`DetectRequest` &`a`, `DetectRequest` &`b`)

7.105.1 Constructor & Destructor Documentation

7.105.1.1 DetectRequest() [1/2]

```
briar::DetectRequest::DetectRequest ( )
```

7.105.1.2 ~DetectRequest()

```
briar::DetectRequest::~DetectRequest ( ) [virtual]
```

7.105.1.3 DetectRequest() [2/2]

```
briar::DetectRequest::DetectRequest (
    const DetectRequest & from )
```

7.105.2 Member Function Documentation

7.105.2.1 ByteSizeLong()

```
size_t briar::DetectRequest::ByteSizeLong ( ) const [final]
```

7.105.2.2 Clear()

```
void briar::DetectRequest::Clear ( ) [final]
```

7.105.2.3 clear_detect_options()

```
void briar::DetectRequest::clear_detect_options ( )
```

7.105.2.4 clear_durations()

```
void briar::DetectRequest::clear_durations ( )
```

7.105.2.5 clear_entry_name()

```
void briar::DetectRequest::clear_entry_name ( ) [inline]
```

7.105.2.6 clear_entry_type()

```
void briar::DetectRequest::clear_entry_type ( ) [inline]
```

7.105.2.7 clear_frame()

```
void briar::DetectRequest::clear_frame ( ) [inline]
```

7.105.2.8 clear_media()

```
void briar::DetectRequest::clear_media ( )
```

7.105.2.9 clear_media_id()

```
void briar::DetectRequest::clear_media_id ( ) [inline]
```

7.105.2.10 clear_subject_id()

```
void briar::DetectRequest::clear_subject_id ( ) [inline]
```

7.105.2.11 CopyFrom() [1/2]

```
void briar::DetectRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.105.2.12 CopyFrom() [2/2]

```
void briar::DetectRequest::CopyFrom (
    const DetectRequest & from )
```

7.105.2.13 default_instance()

```
const DetectRequest & briar::DetectRequest::default_instance ( ) [static]
```

7.105.2.14 descriptor()

```
const ::google::protobuf::Descriptor * briar::DetectRequest::descriptor ( ) [static]
```

7.105.2.15 detect_options()

```
const ::briar::DetectionOptions & briar::DetectRequest::detect_options () const [inline]
```

7.105.2.16 durations()

```
const ::briar::BriarDurations & briar::DetectRequest::durations () const [inline]
```

7.105.2.17 entry_name()

```
const ::std::string & briar::DetectRequest::entry_name () const [inline]
```

7.105.2.18 entry_type()

```
briar::EntryType briar::DetectRequest::entry_type () const [inline]
```

7.105.2.19 frame()

```
google::protobuf::int32 briar::DetectRequest::frame () const [inline]
```

7.105.2.20 GetCachedSize()

```
int briar::DetectRequest::GetCachedSize () const [inline], [final]
```

7.105.2.21 GetMetadata()

```
google::protobuf::Metadata briar::DetectRequest::GetMetadata () const [final]
```

7.105.2.22 has_detect_options()

```
bool briar::DetectRequest::has_detect_options () const [inline]
```

7.105.2.23 has_durations()

```
bool briar::DetectRequest::has_durations ( ) const [inline]
```

7.105.2.24 has_media()

```
bool briar::DetectRequest::has_media ( ) const [inline]
```

7.105.2.25 InitAsDefaultInstance()

```
void briar::DetectRequest::InitAsDefaultInstance ( ) [static]
```

7.105.2.26 internal_default_instance()

```
static const DetectRequest* briar::DetectRequest::internal_default_instance ( ) [inline],  
[static]
```

7.105.2.27 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::DetectRequest::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.105.2.28 IsInitialized()

```
bool briar::DetectRequest::IsInitialized ( ) const [final]
```

7.105.2.29 media()

```
const ::briar::BriarMedia & briar::DetectRequest::media ( ) const [inline]
```

7.105.2.30 media_id()

```
const ::std::string & briar::DetectRequest::media_id ( ) const [inline]
```

7.105.2.31 MergeFrom() [1/2]

```
void briar::DetectRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.105.2.32 MergeFrom() [2/2]

```
void briar::DetectRequest::MergeFrom (
    const DetectRequest & from )
```

7.105.2.33 MergePartialFromCodedStream()

```
bool briar::DetectRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.105.2.34 mutable_detect_options()

```
briar::DetectionOptions * briar::DetectRequest::mutable_detect_options ( ) [inline]
```

7.105.2.35 mutable_durations()

```
briar::BriarDurations * briar::DetectRequest::mutable_durations ( ) [inline]
```

7.105.2.36 mutable_entry_name()

```
std::string * briar::DetectRequest::mutable_entry_name ( ) [inline]
```

7.105.2.37 mutable_media()

```
briar::BriarMedia * briar::DetectRequest::mutable_media ( ) [inline]
```

7.105.2.38 mutable_media_id()

```
std::string * briar::DetectRequest::mutable_media_id ( ) [inline]
```

7.105.2.39 mutable_subject_id()

```
std::string * briar::DetectRequest::mutable_subject_id ( ) [inline]
```

7.105.2.40 New() [1/2]

```
DetectRequest* briar::DetectRequest::New ( ) const [inline], [final]
```

7.105.2.41 New() [2/2]

```
DetectRequest* briar::DetectRequest::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.105.2.42 operator=()

```
DetectRequest& briar::DetectRequest::operator= ( const DetectRequest & from ) [inline]
```

7.105.2.43 release_detect_options()

```
briar::DetectionOptions * briar::DetectRequest::release_detect_options ( ) [inline]
```

7.105.2.44 release_durations()

```
briar::BriarDurations * briar::DetectRequest::release_durations ( ) [inline]
```

7.105.2.45 release_entry_name()

```
std::string * briar::DetectRequest::release_entry_name ( ) [inline]
```

7.105.2.46 release_media()

```
briar::BriarMedia * briar::DetectRequest::release_media ( ) [inline]
```

7.105.2.47 release_media_id()

```
std::string * briar::DetectRequest::release_media_id ( ) [inline]
```

7.105.2.48 release_subject_id()

```
std::string * briar::DetectRequest::release_subject_id ( ) [inline]
```

7.105.2.49 SerializeWithCachedSizes()

```
void briar::DetectRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.105.2.50 set_allocated_detect_options()

```
void briar::DetectRequest::set_allocated_detect_options (
    ::briar::DetectionOptions * detect_options ) [inline]
```

7.105.2.51 set_allocated_durations()

```
void briar::DetectRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.105.2.52 set_allocated_entry_name()

```
void briar::DetectRequest::set_allocated_entry_name (
    ::std::string * entry_name ) [inline]
```

7.105.2.53 set_allocated_media()

```
void briar::DetectRequest::set_allocated_media (
    ::briar::BriarMedia * media ) [inline]
```

7.105.2.54 set_allocated_media_id()

```
void briar::DetectRequest::set_allocated_media_id (
    ::std::string * media_id ) [inline]
```

7.105.2.55 set_allocated_subject_id()

```
void briar::DetectRequest::set_allocated_subject_id (
    ::std::string * subject_id ) [inline]
```

7.105.2.56 set_entry_name() [1/3]

```
void briar::DetectRequest::set_entry_name (
    const ::std::string & value ) [inline]
```

7.105.2.57 set_entry_name() [2/3]

```
void briar::DetectRequest::set_entry_name (
    const char * value ) [inline]
```

7.105.2.58 set_entry_name() [3/3]

```
void briar::DetectRequest::set_entry_name (
    const char * value,
    size_t size ) [inline]
```

7.105.2.59 set_entry_type()

```
void briar::DetectRequest::set_entry_type (
    ::briar::EntryType value ) [inline]
```

7.105.2.60 set_frame()

```
void briar::DetectRequest::set_frame (
    ::google::protobuf::int32 value ) [inline]
```

7.105.2.61 set_media_id() [1/3]

```
void briar::DetectRequest::set_media_id (
    const ::std::string & value ) [inline]
```

7.105.2.62 set_media_id() [2/3]

```
void briar::DetectRequest::set_media_id (
    const char * value ) [inline]
```

7.105.2.63 set_media_id() [3/3]

```
void briar::DetectRequest::set_media_id (
    const char * value,
    size_t size ) [inline]
```

7.105.2.64 set_subject_id() [1/3]

```
void briar::DetectRequest::set_subject_id (
    const ::std::string & value ) [inline]
```

7.105.2.65 set_subject_id() [2/3]

```
void briar::DetectRequest::set_subject_id (
    const char * value )  [inline]
```

7.105.2.66 set_subject_id() [3/3]

```
void briar::DetectRequest::set_subject_id (
    const char * value,
    size_t size )  [inline]
```

7.105.2.67 subject_id()

```
const ::std::string & briar::DetectRequest::subject_id ( ) const  [inline]
```

7.105.2.68 Swap()

```
void briar::DetectRequest::Swap (
    DetectRequest * other )
```

7.105.3 Friends And Related Function Documentation**7.105.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct  [friend]
```

7.105.3.2 swap

```
void swap (
    DetectRequest & a,
    DetectRequest & b )  [friend]
```

7.105.4 Member Data Documentation

7.105.4.1 kDetectOptionsFieldNumber

```
const int briar::DetectRequest::kDetectOptionsFieldNumber = 8 [static]
```

7.105.4.2 kDurationsFieldNumber

```
const int briar::DetectRequest::kDurationsFieldNumber = 7 [static]
```

7.105.4.3 kEntryNameFieldNumber

```
const int briar::DetectRequest::kEntryNameFieldNumber = 6 [static]
```

7.105.4.4 kEntryTypeFieldNumber

```
const int briar::DetectRequest::kEntryTypeFieldNumber = 5 [static]
```

7.105.4.5 kFrameFieldNumber

```
const int briar::DetectRequest::kFrameFieldNumber = 2 [static]
```

7.105.4.6 kIndexInFileMessages

```
constexpr int briar::DetectRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
=  
23
```

7.105.4.7 kMediaFieldNumber

```
const int briar::DetectRequest::kMediaFieldNumber = 1 [static]
```

7.105.4.8 kMediaIdFieldNumber

```
const int briar::DetectRequest::kMediaIdFieldNumber = 4 [static]
```

7.105.4.9 kSubjectIdFieldNumber

```
const int briar::DetectRequest::kSubjectIdFieldNumber = 3 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.106 briar::DetectRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[DetectRequest](#) > [_instance](#)

7.106.1 Member Data Documentation

7.106.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<DetectRequest> briar::DetectRequest<->
DefaultTypeInternal:::\_instance
```

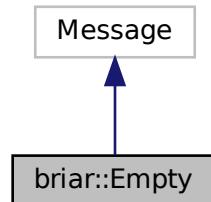
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

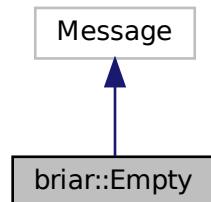
7.107 briar::Empty Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::Empty:



Collaboration diagram for briar::Empty:



Public Member Functions

- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [CopyFrom \(const ::google::protobuf::Message &from\) final](#)
- void [CopyFrom \(const Empty &from\)](#)
- [Empty \(\)](#)
- [Empty \(const Empty &from\)](#)
- int [GetCachedSize \(\) const final](#)
- ::google::protobuf::Metadata [GetMetadata \(\) const final](#)
- ::google::protobuf::uint8 * [InternalSerializeWithCachedSizesToArray \(bool deterministic, ::google::protobuf::uint8 *target\) const final](#)
- bool [IsInitialized \(\) const final](#)
- void [MergeFrom \(const ::google::protobuf::Message &from\) final](#)
- void [MergeFrom \(const Empty &from\)](#)
- bool [MergePartialFromCodedStream \(::google::protobuf::io::CodedInputStream *input\) final](#)

- `Empty * New () const final`
- `Empty * New (::google::protobuf::Arena *arena) const final`
- `Empty & operator= (const Empty &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void Swap (Empty *other)`
- `virtual ~Empty ()`

Static Public Member Functions

- `static const Empty & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const Empty * internal_default_instance ()`

Static Public Attributes

- `static constexpr int kIndexInFileMessages`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- `void swap (Empty &a, Empty &b)`

7.107.1 Constructor & Destructor Documentation

7.107.1.1 `Empty()` [1/2]

```
briar::Empty::Empty ( )
```

7.107.1.2 `~Empty()`

```
briar::Empty::~Empty ( ) [virtual]
```

7.107.1.3 `Empty()` [2/2]

```
briar::Empty::Empty (
    const Empty & from )
```

7.107.2 Member Function Documentation

7.107.2.1 ByteSizeLong()

```
size_t briar::Empty::ByteSizeLong ( ) const [final]
```

7.107.2.2 Clear()

```
void briar::Empty::Clear ( ) [final]
```

7.107.2.3 CopyFrom() [1/2]

```
void briar::Empty::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.107.2.4 CopyFrom() [2/2]

```
void briar::Empty::CopyFrom (
    const Empty & from )
```

7.107.2.5 default_instance()

```
const Empty & briar::Empty::default_instance ( ) [static]
```

7.107.2.6 descriptor()

```
const ::google::protobuf::Descriptor * briar::Empty::descriptor ( ) [static]
```

7.107.2.7 GetCachedSize()

```
int briar::Empty::GetCachedSize ( ) const [inline], [final]
```

7.107.2.8 GetMetadata()

```
google::protobuf::Metadata briar::Empty::GetMetadata ( ) const [final]
```

7.107.2.9 InitAsDefaultInstance()

```
void briar::Empty::InitAsDefaultInstance ( ) [static]
```

7.107.2.10 internal_default_instance()

```
static const Empty* briar::Empty::internal_default_instance ( ) [inline], [static]
```

7.107.2.11 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::Empty::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.107.2.12 IsInitialized()

```
bool briar::Empty::IsInitialized ( ) const [final]
```

7.107.2.13 MergeFrom() [1/2]

```
void briar::Empty::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.107.2.14 MergeFrom() [2/2]

```
void briar::Empty::MergeFrom (
    const Empty & from )
```

7.107.2.15 MergePartialFromCodedStream()

```
bool briar::Empty::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.107.2.16 New() [1/2]

```
Empty* briar::Empty::New ( ) const [inline], [final]
```

7.107.2.17 New() [2/2]

```
Empty* briar::Empty::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.107.2.18 operator=()

```
Empty& briar::Empty::operator= (
    const Empty & from ) [inline]
```

7.107.2.19 SerializeWithCachedSizes()

```
void briar::Empty::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.107.2.20 Swap()

```
void briar::Empty::Swap (
    Empty * other )
```

7.107.3 Friends And Related Function Documentation

7.107.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.107.3.2 swap

```
void swap (
    Empty & a,
    Empty & b ) [friend]
```

7.107.4 Member Data Documentation

7.107.4.1 kIndexInFileMessages

```
constexpr int briar::Empty::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 0
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.108 briar::EmptyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [Empty](#) > _instance

7.108.1 Member Data Documentation

7.108.1.1 _instance

```
::google::protobuf::internal::ExplicitlyConstructed<Empty> briar::EmptyDefaultTypeInternal:::_instance
```

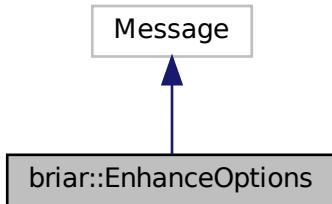
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

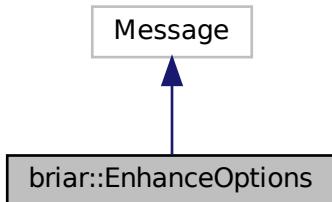
7.109 briar::EnhanceOptions Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::EnhanceOptions:



Collaboration diagram for briar::EnhanceOptions:



Public Member Functions

- `::briar::Attribute * add_attributes ()`
- `const ::briar::StringOption & algorithm_id () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & attributes () const`
- `const ::briar::Attribute & attributes (int index) const`
- `int attributes_size () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_algorithm_id ()`
- `void clear_attributes ()`
- `void clear_enhance_batch ()`
- `void clear_modality ()`
- `void clear_return_media ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const EnhanceOptions &from)`

- const ::briar::IntOption & `enhance_batch` () const
- `EnhanceOptions` ()
- `EnhanceOptions` (const `EnhanceOptions` &`from`)
- int `GetCachedSize` () const final
- ::google::protobuf::Metadata `GetMetadata` () const final
- bool `has_algorithm_id` () const
- bool `has_enhance_batch` () const
- bool `has_return_media` () const
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *`target`) const final
- bool `IsInitialized` () const final
- void `MergeFrom` (const ::google::protobuf::Message &`from`) final
- void `MergeFrom` (const `EnhanceOptions` &`from`)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *`input`) final
- ::briar::BiometricModality `modality` () const
- ::briar::StringOption * `mutable_algorithm_id` ()
- ::google::protobuf::RepeatedPtrField<::briar::Attribute> * `mutable_attributes` ()
- ::briar::Attribute * `mutable_attributes` (int index)
- ::briar::IntOption * `mutable_enhance_batch` ()
- ::briar::BoolOption * `mutable_return_media` ()
- `EnhanceOptions` * `New` () const final
- `EnhanceOptions` * `New` (::google::protobuf::Arena *`arena`) const final
- `EnhanceOptions` & `operator=` (const `EnhanceOptions` &`from`)
- ::briar::StringOption * `release_algorithm_id` ()
- ::briar::IntOption * `release_enhance_batch` ()
- ::briar::BoolOption * `release_return_media` ()
- const ::briar::BoolOption & `return_media` () const
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *`output`) const final
- void `set_allocated_algorithm_id` (::briar::StringOption *`algorithm_id`)
- void `set_allocated_enhance_batch` (::briar::IntOption *`enhance_batch`)
- void `set_allocated_return_media` (::briar::BoolOption *`return_media`)
- void `set_modality` (::briar::BiometricModality `value`)
- void `Swap` (`EnhanceOptions` *`other`)
- virtual ~`EnhanceOptions` ()

Static Public Member Functions

- static const `EnhanceOptions` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `EnhanceOptions` * `internal_default_instance` ()

Static Public Attributes

- static const int `kAlgorithmIdFieldNumber` = 1
- static const int `kAttributesFieldNumber` = 5
- static const int `kEnhanceBatchFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`
- static const int `kModalityFieldNumber` = 4
- static const int `kReturnMediaFieldNumber` = 2

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void swap (EnhanceOptions &a, EnhanceOptions &b)

7.109.1 Constructor & Destructor Documentation

7.109.1.1 EnhanceOptions() [1/2]

```
briar::EnhanceOptions::EnhanceOptions ( )
```

7.109.1.2 ~EnhanceOptions()

```
briar::EnhanceOptions::~EnhanceOptions ( ) [virtual]
```

7.109.1.3 EnhanceOptions() [2/2]

```
briar::EnhanceOptions::EnhanceOptions (
    const EnhanceOptions & from )
```

7.109.2 Member Function Documentation

7.109.2.1 add_attributes()

```
briar::Attribute * briar::EnhanceOptions::add_attributes ( ) [inline]
```

7.109.2.2 algorithm_id()

```
const ::briar::StringOption & briar::EnhanceOptions::algorithm_id ( ) const [inline]
```

7.109.2.3 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::EnhanceOptions::attributes( ) const [inline]
```

7.109.2.4 attributes() [2/2]

```
const ::briar::Attribute & briar::EnhanceOptions::attributes( int index ) const [inline]
```

7.109.2.5 attributes_size()

```
int briar::EnhanceOptions::attributes_size( ) const [inline]
```

7.109.2.6 ByteSizeLong()

```
size_t briar::EnhanceOptions::ByteSizeLong( ) const [final]
```

7.109.2.7 Clear()

```
void briar::EnhanceOptions::Clear( ) [final]
```

7.109.2.8 clear_algorithm_id()

```
void briar::EnhanceOptions::clear_algorithm_id( ) [inline]
```

7.109.2.9 clear_attributes()

```
void briar::EnhanceOptions::clear_attributes( ) [inline]
```

7.109.2.10 clear_enhance_batch()

```
void briar::EnhanceOptions::clear_enhance_batch () [inline]
```

7.109.2.11 clear_modality()

```
void briar::EnhanceOptions::clear_modality () [inline]
```

7.109.2.12 clear_return_media()

```
void briar::EnhanceOptions::clear_return_media () [inline]
```

7.109.2.13 CopyFrom() [1/2]

```
void briar::EnhanceOptions::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.109.2.14 CopyFrom() [2/2]

```
void briar::EnhanceOptions::CopyFrom (
    const EnhanceOptions & from)
```

7.109.2.15 default_instance()

```
const EnhanceOptions & briar::EnhanceOptions::default_instance () [static]
```

7.109.2.16 descriptor()

```
const ::google::protobuf::Descriptor * briar::EnhanceOptions::descriptor () [static]
```

7.109.2.17 enhance_batch()

```
const ::briar::IntOption & briar::EnhanceOptions::enhance_batch ( ) const [inline]
```

7.109.2.18 GetCachedSize()

```
int briar::EnhanceOptions::GetCachedSize ( ) const [inline], [final]
```

7.109.2.19 GetMetadata()

```
google::protobuf::Metadata briar::EnhanceOptions::GetMetadata ( ) const [final]
```

7.109.2.20 has_algorithm_id()

```
bool briar::EnhanceOptions::has_algorithm_id ( ) const [inline]
```

7.109.2.21 has_enhance_batch()

```
bool briar::EnhanceOptions::has_enhance_batch ( ) const [inline]
```

7.109.2.22 has_return_media()

```
bool briar::EnhanceOptions::has_return_media ( ) const [inline]
```

7.109.2.23 InitAsDefaultInstance()

```
void briar::EnhanceOptions::InitAsDefaultInstance ( ) [static]
```

7.109.2.24 internal_default_instance()

```
static const EnhanceOptions* briar::EnhanceOptions::internal_default_instance ( ) [inline], [static]
```

7.109.2.25 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::EnhanceOptions::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.109.2.26 IsInitialized()

```
bool briar::EnhanceOptions::IsInitialized () const [final]
```

7.109.2.27 MergeFrom() [1/2]

```
void briar::EnhanceOptions::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.109.2.28 MergeFrom() [2/2]

```
void briar::EnhanceOptions::MergeFrom (
    const EnhanceOptions & from )
```

7.109.2.29 MergePartialFromCodedStream()

```
bool briar::EnhanceOptions::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.109.2.30 modality()

```
briar::BiometricModality briar::EnhanceOptions::modality () const [inline]
```

7.109.2.31 mutable_algorithm_id()

```
briar::StringOption * briar::EnhanceOptions::mutable_algorithm_id () [inline]
```

7.109.2.32 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::EnhanceOptions::mutable_attributes () [inline]
```

7.109.2.33 mutable_attributes() [2/2]

```
briar::Attribute * briar::EnhanceOptions::mutable_attributes ( int index ) [inline]
```

7.109.2.34 mutable_enhance_batch()

```
briar::IntOption * briar::EnhanceOptions::mutable_enhance_batch () [inline]
```

7.109.2.35 mutable_return_media()

```
briar::BoolOption * briar::EnhanceOptions::mutable_return_media () [inline]
```

7.109.2.36 New() [1/2]

```
EnhanceOptions* briar::EnhanceOptions::New () const [inline], [final]
```

7.109.2.37 New() [2/2]

```
EnhanceOptions* briar::EnhanceOptions::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.109.2.38 operator=()

```
EnhanceOptions& briar::EnhanceOptions::operator= ( const EnhanceOptions & from ) [inline]
```

7.109.2.39 release_algorithm_id()

```
briar::StringOption * briar::EnhanceOptions::release_algorithm_id ( ) [inline]
```

7.109.2.40 release_enhance_batch()

```
briar::IntOption * briar::EnhanceOptions::release_enhance_batch ( ) [inline]
```

7.109.2.41 release_return_media()

```
briar::BoolOption * briar::EnhanceOptions::release_return_media ( ) [inline]
```

7.109.2.42 return_media()

```
const ::briar::BoolOption & briar::EnhanceOptions::return_media ( ) const [inline]
```

7.109.2.43 SerializeWithCachedSizes()

```
void briar::EnhanceOptions::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.109.2.44 set_allocated_algorithm_id()

```
void briar::EnhanceOptions::set_allocated_algorithm_id (
    ::briar::StringOption * algorithm_id ) [inline]
```

7.109.2.45 set_allocated_enhance_batch()

```
void briar::EnhanceOptions::set_allocated_enhance_batch (
    ::briar::IntOption * enhance_batch ) [inline]
```

7.109.2.46 set_allocated_return_media()

```
void briar::EnhanceOptions::set_allocated_return_media (
    ::briar::BoolOption * return_media ) [inline]
```

7.109.2.47 set_modality()

```
void briar::EnhanceOptions::set_modality (
    ::briar::BiometricModality value ) [inline]
```

7.109.2.48 Swap()

```
void briar::EnhanceOptions::Swap (
    EnhanceOptions * other )
```

7.109.3 Friends And Related Function Documentation**7.109.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.109.3.2 swap

```
void swap (
    EnhanceOptions & a,
    EnhanceOptions & b ) [friend]
```

7.109.4 Member Data Documentation**7.109.4.1 kAlgorithmIdFieldNumber**

```
const int briar::EnhanceOptions::kAlgorithmIdFieldNumber = 1 [static]
```

7.109.4.2 kAttributesFieldNumber

```
const int briar::EnhanceOptions::kAttributesFieldNumber = 5 [static]
```

7.109.4.3 kEnhanceBatchFieldNumber

```
const int briar::EnhanceOptions::kEnhanceBatchFieldNumber = 3 [static]
```

7.109.4.4 kIndexInFileMessages

```
constexpr int briar::EnhanceOptions::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
=  
23
```

7.109.4.5 kModalityFieldNumber

```
const int briar::EnhanceOptions::kModalityFieldNumber = 4 [static]
```

7.109.4.6 kReturnMediaFieldNumber

```
const int briar::EnhanceOptions::kReturnMediaFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.110 briar::EnhanceOptionsDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [EnhanceOptions](#) > _instance

7.110.1 Member Data Documentation

7.110.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<EnhanceOptions> briar::EnhanceOptions::  
DefaultTypeInternal::_instance
```

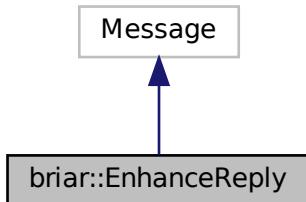
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

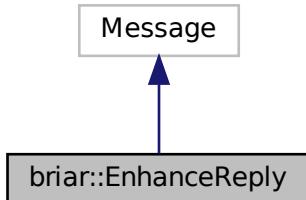
7.111 briar::EnhanceReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::EnhanceReply:



Collaboration diagram for briar::EnhanceReply:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_durations ()`
- void `clear_errors ()`
- void `clear_media ()`
- void `clear_progress ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const EnhanceReply &from)`
- const ::briar::BriarDurations & `durations () const`
- `EnhanceReply ()`
- `EnhanceReply (const EnhanceReply &from)`
- const ::briar::BriarErrors & `errors () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_durations () const`
- bool `has_errors () const`
- bool `has_media () const`
- bool `has_progress () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- const ::briar::BriarMedia & `media () const`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const EnhanceReply &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::BriarErrors * `mutable_errors ()`
- ::briar::BriarMedia * `mutable_media ()`
- ::briar::BriarProgress * `mutable_progress ()`
- `EnhanceReply * New () const final`
- `EnhanceReply * New (::google::protobuf::Arena *arena) const final`
- `EnhanceReply & operator= (const EnhanceReply &from)`
- const ::briar::BriarProgress & `progress () const`
- ::briar::BriarDurations * `release_durations ()`
- ::briar::BriarErrors * `release_errors ()`
- ::briar::BriarMedia * `release_media ()`
- ::briar::BriarProgress * `release_progress ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_errors (::briar::BriarErrors *errors)`
- void `set_allocated_media (::briar::BriarMedia *media)`
- void `set_allocated_progress (::briar::BriarProgress *progress)`
- void `Swap (EnhanceReply *other)`
- virtual ~`EnhanceReply ()`

Static Public Member Functions

- static const `EnhanceReply & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `EnhanceReply * internal_default_instance ()`

Static Public Attributes

- static const int `kDurationsFieldNumber` = 2
- static const int `kErrorsFieldNumber` = 4
- static constexpr int `kIndexInFileMessages`
- static const int `kMediaFieldNumber` = 1
- static const int `kProgressFieldNumber` = 3

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap` (`EnhanceReply` &*a*, `EnhanceReply` &*b*)

7.111.1 Constructor & Destructor Documentation

7.111.1.1 `EnhanceReply()` [1/2]

```
briar::EnhanceReply::EnhanceReply ( )
```

7.111.1.2 `~EnhanceReply()`

```
briar::EnhanceReply::~EnhanceReply ( ) [virtual]
```

7.111.1.3 `EnhanceReply()` [2/2]

```
briar::EnhanceReply::EnhanceReply (
    const EnhanceReply & from )
```

7.111.2 Member Function Documentation

7.111.2.1 `ByteSizeLong()`

```
size_t briar::EnhanceReply::ByteSizeLong ( ) const [final]
```

7.111.2.2 **Clear()**

```
void briar::EnhanceReply::Clear ( ) [final]
```

7.111.2.3 **clear_durations()**

```
void briar::EnhanceReply::clear_durations ( )
```

7.111.2.4 **clear_errors()**

```
void briar::EnhanceReply::clear_errors ( )
```

7.111.2.5 **clear_media()**

```
void briar::EnhanceReply::clear_media ( )
```

7.111.2.6 **clear_progress()**

```
void briar::EnhanceReply::clear_progress ( )
```

7.111.2.7 **CopyFrom() [1/2]**

```
void briar::EnhanceReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.111.2.8 **CopyFrom() [2/2]**

```
void briar::EnhanceReply::CopyFrom (
    const EnhanceReply & from )
```

7.111.2.9 default_instance()

```
const EnhanceReply & briar::EnhanceReply::default_instance ( ) [static]
```

7.111.2.10 descriptor()

```
const ::google::protobuf::Descriptor * briar::EnhanceReply::descriptor ( ) [static]
```

7.111.2.11 durations()

```
const ::briar::BriarDurations & briar::EnhanceReply::durations ( ) const [inline]
```

7.111.2.12 errors()

```
const ::briar::BriarErrors & briar::EnhanceReply::errors ( ) const [inline]
```

7.111.2.13 GetCachedSize()

```
int briar::EnhanceReply::GetCachedSize ( ) const [inline], [final]
```

7.111.2.14 GetMetadata()

```
google::protobuf::Metadata briar::EnhanceReply::GetMetadata ( ) const [final]
```

7.111.2.15 has_durations()

```
bool briar::EnhanceReply::has_durations ( ) const [inline]
```

7.111.2.16 has_errors()

```
bool briar::EnhanceReply::has_errors ( ) const [inline]
```

7.111.2.17 has_media()

```
bool briar::EnhanceReply::has_media ( ) const [inline]
```

7.111.2.18 has_progress()

```
bool briar::EnhanceReply::has_progress ( ) const [inline]
```

7.111.2.19 InitAsDefaultInstance()

```
void briar::EnhanceReply::InitAsDefaultInstance ( ) [static]
```

7.111.2.20 internal_default_instance()

```
static const EnhanceReply* briar::EnhanceReply::internal_default_instance ( ) [inline], [static]
```

7.111.2.21 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::EnhanceReply::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.111.2.22 IsInitialized()

```
bool briar::EnhanceReply::IsInitialized ( ) const [final]
```

7.111.2.23 media()

```
const ::briar::BriarMedia & briar::EnhanceReply::media ( ) const [inline]
```

7.111.2.24 MergeFrom() [1/2]

```
void briar::EnhanceReply::MergeFrom (
    const ::google::protobuf::Message & from) [final]
```

7.111.2.25 MergeFrom() [2/2]

```
void briar::EnhanceReply::MergeFrom (
    const EnhanceReply & from)
```

7.111.2.26 MergePartialFromCodedStream()

```
bool briar::EnhanceReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input) [final]
```

7.111.2.27 mutable_durations()

```
briar::BriarDurations * briar::EnhanceReply::mutable_durations () [inline]
```

7.111.2.28 mutable_errors()

```
briar::BriarErrors * briar::EnhanceReply::mutable_errors () [inline]
```

7.111.2.29 mutable_media()

```
briar::BriarMedia * briar::EnhanceReply::mutable_media () [inline]
```

7.111.2.30 mutable_progress()

```
briar::BriarProgress * briar::EnhanceReply::mutable_progress () [inline]
```

7.111.2.31 **New()** [1/2]

```
EnhanceReply* briar::EnhanceReply::New ( ) const [inline], [final]
```

7.111.2.32 **New()** [2/2]

```
EnhanceReply* briar::EnhanceReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.111.2.33 **operator=()**

```
EnhanceReply& briar::EnhanceReply::operator= ( const EnhanceReply & from ) [inline]
```

7.111.2.34 **progress()**

```
const ::briar::BriarProgress & briar::EnhanceReply::progress ( ) const [inline]
```

7.111.2.35 **release_durations()**

```
briar::BriarDurations * briar::EnhanceReply::release_durations ( ) [inline]
```

7.111.2.36 **release_errors()**

```
briar::BriarErrors * briar::EnhanceReply::release_errors ( ) [inline]
```

7.111.2.37 **release_media()**

```
briar::BriarMedia * briar::EnhanceReply::release_media ( ) [inline]
```

7.111.2.38 release_progress()

```
briar::BriarProgress * briar::EnhanceReply::release_progress ( ) [inline]
```

7.111.2.39 SerializeWithCachedSizes()

```
void briar::EnhanceReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.111.2.40 set_allocated_durations()

```
void briar::EnhanceReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.111.2.41 set_allocated_errors()

```
void briar::EnhanceReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.111.2.42 set_allocated_media()

```
void briar::EnhanceReply::set_allocated_media (
    ::briar::BriarMedia * media ) [inline]
```

7.111.2.43 set_allocated_progress()

```
void briar::EnhanceReply::set_allocated_progress (
    ::briar::BriarProgress * progress ) [inline]
```

7.111.2.44 Swap()

```
void briar::EnhanceReply::Swap (
    EnhanceReply * other )
```

7.111.3 Friends And Related Function Documentation

7.111.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.111.3.2 swap

```
void swap (
    EnhanceReply & a,
    EnhanceReply & b ) [friend]
```

7.111.4 Member Data Documentation

7.111.4.1 kDurationsFieldNumber

```
const int briar::EnhanceReply::kDurationsFieldNumber = 2 [static]
```

7.111.4.2 kErrorsFieldNumber

```
const int briar::EnhanceReply::kErrorsFieldNumber = 4 [static]
```

7.111.4.3 kIndexInFileMessages

```
constexpr int briar::EnhanceReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 40
```

7.111.4.4 kMediaFieldNumber

```
const int briar::EnhanceReply::kMediaFieldNumber = 1 [static]
```

7.111.4.5 kProgressFieldNumber

```
const int briar::EnhanceReply::kProgressFieldNumber = 3 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.112 briar::EnhanceReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[EnhanceReply](#)> _instance

7.112.1 Member Data Documentation

7.112.1.1 _instance

```
::google::protobuf::internal::ExplicitlyConstructed<EnhanceReply> briar::EnhanceReplyDefaultTypeInternal::_instance
```

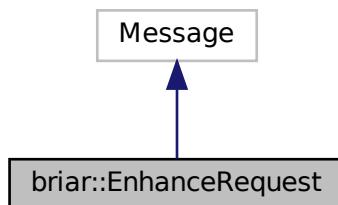
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

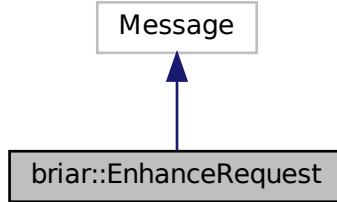
7.113 briar::EnhanceRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::EnhanceRequest:



Collaboration diagram for briar::EnhanceRequest:



Public Member Functions

- ::briar::Attribute * `add_metadata ()`
- ::briar::Attribute * `add_options ()`
- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_durations ()`
- void `clear_enhance_options ()`
- void `clear_frame_id ()`
- void `clear_media ()`
- void `clear_metadata ()`
- void `clear_options ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const EnhanceRequest &from)`
- const ::briar::BriarDurations & `durations () const`
- const ::briar::EnhanceOptions & `enhance_options () const`
- `EnhanceRequest ()`
- `EnhanceRequest (const EnhanceRequest &from)`
- ::google::protobuf::int64 `frame_id () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_durations () const`
- bool `has_enhance_options () const`
- bool `has_media () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- const ::briar::BriarMedia & `media () const`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const EnhanceRequest &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & `metadata () const`
- const ::briar::Attribute & `metadata (int index) const`
- int `metadata_size () const`
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::EnhanceOptions * `mutable_enhance_options ()`
- ::briar::BriarMedia * `mutable_media ()`

- `::google::protobuf::RepeatedPtrField< ::briar::Attribute > * mutable_metadata ()`
- `::briar::Attribute * mutable_metadata (int index)`
- `::google::protobuf::RepeatedPtrField< ::briar::Attribute > * mutable_options ()`
- `::briar::Attribute * mutable_options (int index)`
- `EnhanceRequest * New () const final`
- `EnhanceRequest * New (::google::protobuf::Arena *arena) const final`
- `EnhanceRequest & operator= (const EnhanceRequest &from)`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & options () const`
- `const ::briar::Attribute & options (int index) const`
- `int options_size () const`
- `::briar::BriarDurations * release_durations ()`
- `::briar::EnhanceOptions * release_enhance_options ()`
- `::briar::BriarMedia * release_media ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_durations (::briar::BriarDurations *durations)`
- `void set_allocated_enhance_options (::briar::EnhanceOptions *enhance_options)`
- `void set_allocated_media (::briar::BriarMedia *media)`
- `void set_frame_id (::google::protobuf::int64 value)`
- `void Swap (EnhanceRequest *other)`
- `virtual ~EnhanceRequest ()`

Static Public Member Functions

- `static const EnhanceRequest & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const EnhanceRequest * internal_default_instance ()`

Static Public Attributes

- `static const int kDurationsFieldNumber = 5`
- `static const int kEnhanceOptionsFieldNumber = 6`
- `static const int kFrameIdFieldNumber = 4`
- `static constexpr int kIndexInFileMessages`
- `static const int kMediaFieldNumber = 1`
- `static const int kMetadataFieldNumber = 2`
- `static const int kOptionsFieldNumber = 3`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- `void swap (EnhanceRequest &a, EnhanceRequest &b)`

7.113.1 Constructor & Destructor Documentation

7.113.1.1 EnhanceRequest() [1/2]

```
briar::EnhanceRequest::EnhanceRequest ( )
```

7.113.1.2 ~EnhanceRequest()

```
briar::EnhanceRequest::~EnhanceRequest ( ) [virtual]
```

7.113.1.3 EnhanceRequest() [2/2]

```
briar::EnhanceRequest::EnhanceRequest (
    const EnhanceRequest & from )
```

7.113.2 Member Function Documentation

7.113.2.1 add_metadata()

```
briar::Attribute * briar::EnhanceRequest::add_metadata ( ) [inline]
```

7.113.2.2 add_options()

```
briar::Attribute * briar::EnhanceRequest::add_options ( ) [inline]
```

7.113.2.3 ByteSizeLong()

```
size_t briar::EnhanceRequest::ByteSizeLong ( ) const [final]
```

7.113.2.4 Clear()

```
void briar::EnhanceRequest::Clear ( ) [final]
```

7.113.2.5 clear_durations()

```
void briar::EnhanceRequest::clear_durations ( )
```

7.113.2.6 clear_enhance_options()

```
void briar::EnhanceRequest::clear_enhance_options ( )
```

7.113.2.7 clear_frame_id()

```
void briar::EnhanceRequest::clear_frame_id ( ) [inline]
```

7.113.2.8 clear_media()

```
void briar::EnhanceRequest::clear_media ( )
```

7.113.2.9 clear_metadata()

```
void briar::EnhanceRequest::clear_metadata ( )
```

7.113.2.10 clear_options()

```
void briar::EnhanceRequest::clear_options ( )
```

7.113.2.11 CopyFrom() [1/2]

```
void briar::EnhanceRequest::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.113.2.12 CopyFrom() [2/2]

```
void briar::EnhanceRequest::CopyFrom (
    const EnhanceRequest & from )
```

7.113.2.13 default_instance()

```
const EnhanceRequest & briar::EnhanceRequest::default_instance ( ) [static]
```

7.113.2.14 descriptor()

```
const ::google::protobuf::Descriptor * briar::EnhanceRequest::descriptor ( ) [static]
```

7.113.2.15 durations()

```
const ::briar::BriarDurations & briar::EnhanceRequest::durations ( ) const [inline]
```

7.113.2.16 enhance_options()

```
const ::briar::EnhanceOptions & briar::EnhanceRequest::enhance_options ( ) const [inline]
```

7.113.2.17 frame_id()

```
google::protobuf::int64 briar::EnhanceRequest::frame_id ( ) const [inline]
```

7.113.2.18 GetCachedSize()

```
int briar::EnhanceRequest::GetCachedSize ( ) const [inline], [final]
```

7.113.2.19 GetMetadata()

```
google::protobuf::Metadata briar::EnhanceRequest::GetMetadata () const [final]
```

7.113.2.20 has_durations()

```
bool briar::EnhanceRequest::has_durations () const [inline]
```

7.113.2.21 has_enhance_options()

```
bool briar::EnhanceRequest::has_enhance_options () const [inline]
```

7.113.2.22 has_media()

```
bool briar::EnhanceRequest::has_media () const [inline]
```

7.113.2.23 InitAsDefaultInstance()

```
void briar::EnhanceRequest::InitAsDefaultInstance () [static]
```

7.113.2.24 internal_default_instance()

```
static const EnhanceRequest* briar::EnhanceRequest::internal_default_instance () [inline],  
[static]
```

7.113.2.25 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::EnhanceRequest::InternalSerializeWithCachedSizesToArray (  
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.113.2.26 IsInitialized()

```
bool briar::EnhanceRequest::IsInitialized ( ) const [final]
```

7.113.2.27 media()

```
const ::briar::BriarMedia & briar::EnhanceRequest::media ( ) const [inline]
```

7.113.2.28 MergeFrom() [1/2]

```
void briar::EnhanceRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.113.2.29 MergeFrom() [2/2]

```
void briar::EnhanceRequest::MergeFrom (
    const EnhanceRequest & from )
```

7.113.2.30 MergePartialFromCodedStream()

```
bool briar::EnhanceRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.113.2.31 metadata() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::EnhanceRequest::metadata ( ) const [inline]
```

7.113.2.32 metadata() [2/2]

```
const ::briar::Attribute & briar::EnhanceRequest::metadata (
    int index ) const [inline]
```

7.113.2.33 metadata_size()

```
int briar::EnhanceRequest::metadata_size ( ) const [inline]
```

7.113.2.34 mutable_durations()

```
briar::BriarDurations * briar::EnhanceRequest::mutable_durations ( ) [inline]
```

7.113.2.35 mutable_enhance_options()

```
briar::EnhanceOptions * briar::EnhanceRequest::mutable_enhance_options ( ) [inline]
```

7.113.2.36 mutable_media()

```
briar::BriarMedia * briar::EnhanceRequest::mutable_media ( ) [inline]
```

7.113.2.37 mutable_metadata() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::EnhanceRequest::mutable_<-  
metadata ( ) [inline]
```

7.113.2.38 mutable_metadata() [2/2]

```
briar::Attribute * briar::EnhanceRequest::mutable_metadata (   
    int index ) [inline]
```

7.113.2.39 mutable_options() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::EnhanceRequest::mutable_<-  
options ( ) [inline]
```

7.113.2.40 mutable_options() [2/2]

```
briar::Attribute * briar::EnhanceRequest::mutable_options (
    int index ) [inline]
```

7.113.2.41 New() [1/2]

```
EnhanceRequest* briar::EnhanceRequest::New ( ) const [inline], [final]
```

7.113.2.42 New() [2/2]

```
EnhanceRequest* briar::EnhanceRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.113.2.43 operator=()

```
EnhanceRequest& briar::EnhanceRequest::operator= (
    const EnhanceRequest & from ) [inline]
```

7.113.2.44 options() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::EnhanceRequest::options ( ) const [inline]
```

7.113.2.45 options() [2/2]

```
const ::briar::Attribute & briar::EnhanceRequest::options (
    int index ) const [inline]
```

7.113.2.46 options_size()

```
int briar::EnhanceRequest::options_size ( ) const [inline]
```

7.113.2.47 release_durations()

```
briar::BriarDurations * briar::EnhanceRequest::release_durations ( ) [inline]
```

7.113.2.48 release_enhance_options()

```
briar::EnhanceOptions * briar::EnhanceRequest::release_enhance_options ( ) [inline]
```

7.113.2.49 release_media()

```
briar::BriarMedia * briar::EnhanceRequest::release_media ( ) [inline]
```

7.113.2.50 SerializeWithCachedSizes()

```
void briar::EnhanceRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.113.2.51 set_allocated_durations()

```
void briar::EnhanceRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.113.2.52 set_allocated_enhance_options()

```
void briar::EnhanceRequest::set_allocated_enhance_options (
    ::briar::EnhanceOptions * enhance_options ) [inline]
```

7.113.2.53 set_allocated_media()

```
void briar::EnhanceRequest::set_allocated_media (
    ::briar::BriarMedia * media ) [inline]
```

7.113.2.54 set_frame_id()

```
void briar::EnhanceRequest::set_frame_id (
    ::google::protobuf::int64 value ) [inline]
```

7.113.2.55 Swap()

```
void briar::EnhanceRequest::Swap (
    EnhanceRequest * other )
```

7.113.3 Friends And Related Function Documentation

7.113.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.113.3.2 swap

```
void swap (
    EnhanceRequest & a,
    EnhanceRequest & b ) [friend]
```

7.113.4 Member Data Documentation

7.113.4.1 kDurationsFieldNumber

```
const int briar::EnhanceRequest::kDurationsFieldNumber = 5 [static]
```

7.113.4.2 kEnhanceOptionsFieldNumber

```
const int briar::EnhanceRequest::kEnhanceOptionsFieldNumber = 6 [static]
```

7.113.4.3 kFrameIdFieldNumber

```
const int briar::EnhanceRequest::kFrameIdFieldNumber = 4 [static]
```

7.113.4.4 kIndexInFileMessages

```
constexpr int briar::EnhanceRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 39
```

7.113.4.5 kMediaFieldNumber

```
const int briar::EnhanceRequest::kMediaFieldNumber = 1 [static]
```

7.113.4.6 kMetadataFieldNumber

```
const int briar::EnhanceRequest::kMetadataFieldNumber = 2 [static]
```

7.113.4.7 kOptionsFieldNumber

```
const int briar::EnhanceRequest::kOptionsFieldNumber = 3 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.114 briar::EnhanceRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [EnhanceRequest](#) > [_instance](#)

7.114.1 Member Data Documentation

7.114.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<EnhanceRequest> briar::EnhanceRequest<->  
DefaultTypeInternal::__instance
```

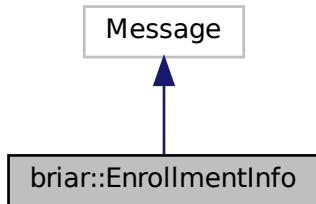
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

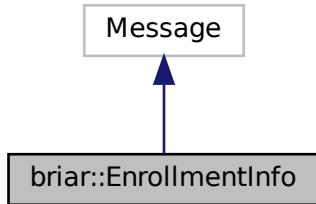
7.115 briar::EnrollmentInfo Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::EnrollmentInfo:



Collaboration diagram for briar::EnrollmentInfo:



Public Member Functions

- `::briar::Attribute * add_attributes ()`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & attributes () const`
- `const ::briar::Attribute & attributes (int index) const`
- `int attributes_size () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_attributes ()`
- `void clear_database_id ()`
- `void clear_media_id ()`
- `void clear_name ()`
- `void clear_source ()`
- `void clear_subject_id ()`
- `void clear_type ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const EnrollmentInfo &from)`
- `const ::std::string & database_id () const`
- `EnrollmentInfo ()`
- `EnrollmentInfo (const EnrollmentInfo &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `const ::std::string & media_id () const`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const EnrollmentInfo &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::briar::Attribute > * mutable_attributes ()`
- `::briar::Attribute * mutable_attributes (int index)`
- `::std::string * mutable_database_id ()`
- `::std::string * mutable_media_id ()`
- `::std::string * mutable_name ()`
- `::std::string * mutable_source ()`
- `::std::string * mutable_subject_id ()`
- `const ::std::string & name () const`
- `EnrollmentInfo * New () const final`
- `EnrollmentInfo * New (::google::protobuf::Arena *arena) const final`
- `EnrollmentInfo & operator= (const EnrollmentInfo &from)`
- `::std::string * release_database_id ()`
- `::std::string * release_media_id ()`
- `::std::string * release_name ()`
- `::std::string * release_source ()`
- `::std::string * release_subject_id ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_database_id (::std::string *database_id)`
- `void set_allocated_media_id (::std::string *media_id)`
- `void set_allocated_name (::std::string *name)`
- `void set_allocated_source (::std::string *source)`
- `void set_allocated_subject_id (::std::string *subject_id)`
- `void set_database_id (const ::std::string &value)`
- `void set_database_id (const char *value)`
- `void set_database_id (const char *value, size_t size)`
- `void set_media_id (const ::std::string &value)`

- void `set_media_id` (const char *value)
- void `set_media_id` (const char *value, size_t size)
- void `set_name` (const ::std::string &value)
- void `set_name` (const char *value)
- void `set_name` (const char *value, size_t size)
- void `set_source` (const ::std::string &value)
- void `set_source` (const char *value)
- void `set_source` (const char *value, size_t size)
- void `set_subject_id` (const ::std::string &value)
- void `set_subject_id` (const char *value)
- void `set_subject_id` (const char *value, size_t size)
- void `set_type` (::briar::EntryType value)
- const ::std::string & `source` () const
- const ::std::string & `subject_id` () const
- void `Swap` (EnrollmentInfo *other)
- ::briar::EntryType `type` () const
- virtual ~EnrollmentInfo ()

Static Public Member Functions

- static const EnrollmentInfo & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const EnrollmentInfo * `internal_default_instance` ()

Static Public Attributes

- static const int `kAttributesFieldNumber` = 7
- static const int `kDatabaseIdFieldNumber` = 1
- static constexpr int `kIndexInFileMessages`
- static const int `kMediaIdFieldNumber` = 2
- static const int `kNameFieldNumber` = 5
- static const int `kSourceFieldNumber` = 6
- static const int `kSubjectIdFieldNumber` = 3
- static const int `kTypeFieldNumber` = 4

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void `swap` (EnrollmentInfo &a, EnrollmentInfo &b)

7.115.1 Constructor & Destructor Documentation

7.115.1.1 EnrollmentInfo() [1/2]

```
briar::EnrollmentInfo::EnrollmentInfo ( )
```

7.115.1.2 ~EnrollmentInfo()

```
briar::EnrollmentInfo::~EnrollmentInfo ( ) [virtual]
```

7.115.1.3 EnrollmentInfo() [2/2]

```
briar::EnrollmentInfo::EnrollmentInfo ( const EnrollmentInfo & from )
```

7.115.2 Member Function Documentation

7.115.2.1 add_attributes()

```
briar::Attribute * briar::EnrollmentInfo::add_attributes ( ) [inline]
```

7.115.2.2 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::EnrollmentInfo::attributes ( ) const [inline]
```

7.115.2.3 attributes() [2/2]

```
const ::briar::Attribute & briar::EnrollmentInfo::attributes ( int index ) const [inline]
```

7.115.2.4 attributes_size()

```
int briar::EnrollmentInfo::attributes_size ( ) const [inline]
```

7.115.2.5 ByteSizeLong()

```
size_t briar::EnrollmentInfo::ByteSizeLong ( ) const [final]
```

7.115.2.6 `Clear()`

```
void briar::EnrollmentInfo::Clear ( ) [final]
```

7.115.2.7 `clear_attributes()`

```
void briar::EnrollmentInfo::clear_attributes ( ) [inline]
```

7.115.2.8 `clear_database_id()`

```
void briar::EnrollmentInfo::clear_database_id ( ) [inline]
```

7.115.2.9 `clear_media_id()`

```
void briar::EnrollmentInfo::clear_media_id ( ) [inline]
```

7.115.2.10 `clear_name()`

```
void briar::EnrollmentInfo::clear_name ( ) [inline]
```

7.115.2.11 `clear_source()`

```
void briar::EnrollmentInfo::clear_source ( ) [inline]
```

7.115.2.12 `clear_subject_id()`

```
void briar::EnrollmentInfo::clear_subject_id ( ) [inline]
```

7.115.2.13 `clear_type()`

```
void briar::EnrollmentInfo::clear_type ( ) [inline]
```

7.115.2.14 CopyFrom() [1/2]

```
void briar::EnrollmentInfo::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.115.2.15 CopyFrom() [2/2]

```
void briar::EnrollmentInfo::CopyFrom (
    const EnrollmentInfo & from)
```

7.115.2.16 database_id()

```
const ::std::string & briar::EnrollmentInfo::database_id () const [inline]
```

7.115.2.17 default_instance()

```
const EnrollmentInfo & briar::EnrollmentInfo::default_instance () [static]
```

7.115.2.18 descriptor()

```
const ::google::protobuf::Descriptor * briar::EnrollmentInfo::descriptor () [static]
```

7.115.2.19 GetCachedSize()

```
int briar::EnrollmentInfo::GetCachedSize () const [inline], [final]
```

7.115.2.20 GetMetadata()

```
google::protobuf::Metadata briar::EnrollmentInfo::GetMetadata () const [final]
```

7.115.2.21 InitAsDefaultInstance()

```
void briar::EnrollmentInfo::InitAsDefaultInstance ( ) [static]
```

7.115.2.22 internal_default_instance()

```
static const EnrollmentInfo* briar::EnrollmentInfo::internal_default_instance ( ) [inline],  
[static]
```

7.115.2.23 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::EnrollmentInfo::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.115.2.24 IsInitialized()

```
bool briar::EnrollmentInfo::IsInitialized ( ) const [final]
```

7.115.2.25 media_id()

```
const ::std::string & briar::EnrollmentInfo::media_id ( ) const [inline]
```

7.115.2.26 MergeFrom() [1/2]

```
void briar::EnrollmentInfo::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.115.2.27 MergeFrom() [2/2]

```
void briar::EnrollmentInfo::MergeFrom (   
    const EnrollmentInfo & from )
```

7.115.2.28 MergePartialFromCodedStream()

```
bool briar::EnrollmentInfo::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.115.2.29 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::EnrollmentInfo::mutable_←
attributes ( ) [inline]
```

7.115.2.30 mutable_attributes() [2/2]

```
briar::Attribute * briar::EnrollmentInfo::mutable_attributes (
    int index ) [inline]
```

7.115.2.31 mutable_database_id()

```
std::string * briar::EnrollmentInfo::mutable_database_id ( ) [inline]
```

7.115.2.32 mutable_media_id()

```
std::string * briar::EnrollmentInfo::mutable_media_id ( ) [inline]
```

7.115.2.33 mutable_name()

```
std::string * briar::EnrollmentInfo::mutable_name ( ) [inline]
```

7.115.2.34 mutable_source()

```
std::string * briar::EnrollmentInfo::mutable_source ( ) [inline]
```

7.115.2.35 mutable_subject_id()

```
std::string * briar::EnrollmentInfo::mutable_subject_id ( ) [inline]
```

7.115.2.36 name()

```
const ::std::string & briar::EnrollmentInfo::name ( ) const [inline]
```

7.115.2.37 New() [1/2]

```
EnrollmentInfo* briar::EnrollmentInfo::New ( ) const [inline], [final]
```

7.115.2.38 New() [2/2]

```
EnrollmentInfo* briar::EnrollmentInfo::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.115.2.39 operator=()

```
EnrollmentInfo& briar::EnrollmentInfo::operator= ( const EnrollmentInfo & from ) [inline]
```

7.115.2.40 release_database_id()

```
std::string * briar::EnrollmentInfo::release_database_id ( ) [inline]
```

7.115.2.41 release_media_id()

```
std::string * briar::EnrollmentInfo::release_media_id ( ) [inline]
```

7.115.2.42 release_name()

```
std::string * briar::EnrollmentInfo::release_name ( ) [inline]
```

7.115.2.43 release_source()

```
std::string * briar::EnrollmentInfo::release_source ( ) [inline]
```

7.115.2.44 release_subject_id()

```
std::string * briar::EnrollmentInfo::release_subject_id ( ) [inline]
```

7.115.2.45 SerializeWithCachedSizes()

```
void briar::EnrollmentInfo::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.115.2.46 set_allocated_database_id()

```
void briar::EnrollmentInfo::set_allocated_database_id (
    ::std::string * database_id ) [inline]
```

7.115.2.47 set_allocated_media_id()

```
void briar::EnrollmentInfo::set_allocated_media_id (
    ::std::string * media_id ) [inline]
```

7.115.2.48 set_allocated_name()

```
void briar::EnrollmentInfo::set_allocated_name (
    ::std::string * name ) [inline]
```

7.115.2.49 set_allocated_source()

```
void briar::EnrollmentInfo::set_allocated_source (
    ::std::string * source ) [inline]
```

7.115.2.50 set_allocated_subject_id()

```
void briar::EnrollmentInfo::set_allocated_subject_id (
    ::std::string * subject_id ) [inline]
```

7.115.2.51 set_database_id() [1/3]

```
void briar::EnrollmentInfo::set_database_id (
    const ::std::string & value ) [inline]
```

7.115.2.52 set_database_id() [2/3]

```
void briar::EnrollmentInfo::set_database_id (
    const char * value ) [inline]
```

7.115.2.53 set_database_id() [3/3]

```
void briar::EnrollmentInfo::set_database_id (
    const char * value,
    size_t size ) [inline]
```

7.115.2.54 set_media_id() [1/3]

```
void briar::EnrollmentInfo::set_media_id (
    const ::std::string & value ) [inline]
```

7.115.2.55 set_media_id() [2/3]

```
void briar::EnrollmentInfo::set_media_id (
    const char * value ) [inline]
```

7.115.2.56 set_media_id() [3/3]

```
void briar::EnrollmentInfo::set_media_id (
    const char * value,
    size_t size ) [inline]
```

7.115.2.57 set_name() [1/3]

```
void briar::EnrollmentInfo::set_name (
    const ::std::string & value ) [inline]
```

7.115.2.58 set_name() [2/3]

```
void briar::EnrollmentInfo::set_name (
    const char * value ) [inline]
```

7.115.2.59 set_name() [3/3]

```
void briar::EnrollmentInfo::set_name (
    const char * value,
    size_t size ) [inline]
```

7.115.2.60 set_source() [1/3]

```
void briar::EnrollmentInfo::set_source (
    const ::std::string & value ) [inline]
```

7.115.2.61 set_source() [2/3]

```
void briar::EnrollmentInfo::set_source (
    const char * value ) [inline]
```

7.115.2.62 set_source() [3/3]

```
void briar::EnrollmentInfo::set_source (
    const char * value,
    size_t size ) [inline]
```

7.115.2.63 set_subject_id() [1/3]

```
void briar::EnrollmentInfo::set_subject_id (
    const ::std::string & value ) [inline]
```

7.115.2.64 set_subject_id() [2/3]

```
void briar::EnrollmentInfo::set_subject_id (
    const char * value ) [inline]
```

7.115.2.65 set_subject_id() [3/3]

```
void briar::EnrollmentInfo::set_subject_id (
    const char * value,
    size_t size ) [inline]
```

7.115.2.66 set_type()

```
void briar::EnrollmentInfo::set_type (
    ::briar::EntryType value ) [inline]
```

7.115.2.67 source()

```
const ::std::string & briar::EnrollmentInfo::source ( ) const [inline]
```

7.115.2.68 subject_id()

```
const ::std::string & briar::EnrollmentInfo::subject_id ( ) const [inline]
```

7.115.2.69 Swap()

```
void briar::EnrollmentInfo::Swap (
    EnrollmentInfo * other )
```

7.115.2.70 type()

```
briar::EntryType briar::EnrollmentInfo::type () const [inline]
```

7.115.3 Friends And Related Function Documentation

7.115.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.115.3.2 swap

```
void swap (
    EnrollmentInfo & a,
    EnrollmentInfo & b ) [friend]
```

7.115.4 Member Data Documentation

7.115.4.1 kAttributesFieldNumber

```
const int briar::EnrollmentInfo::kAttributesFieldNumber = 7 [static]
```

7.115.4.2 kDatabaseIdFieldNumber

```
const int briar::EnrollmentInfo::kDatabaseIdFieldNumber = 1 [static]
```

7.115.4.3 **kIndexInFileMessages**

```
constexpr int briar::EnrollmentInfo::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 9
```

7.115.4.4 **kMediaIdFieldNumber**

```
const int briar::EnrollmentInfo::kMediaIdFieldNumber = 2 [static]
```

7.115.4.5 **kNameFieldNumber**

```
const int briar::EnrollmentInfo::kNameFieldNumber = 5 [static]
```

7.115.4.6 **kSourceFieldNumber**

```
const int briar::EnrollmentInfo::kSourceFieldNumber = 6 [static]
```

7.115.4.7 **kSubjectIdFieldNumber**

```
const int briar::EnrollmentInfo::kSubjectIdFieldNumber = 3 [static]
```

7.115.4.8 **kTypeFieldNumber**

```
const int briar::EnrollmentInfo::kTypeFieldNumber = 4 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.116 **briar::EnrollmentInfoDefaultTypeInternal Class Reference**

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [EnrollmentInfo](#) > [_instance](#)

7.116.1 Member Data Documentation

7.116.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<EnrollmentInfo> briar::EnrollmentInfo<‐
DefaultTypeInternal:::_instance
```

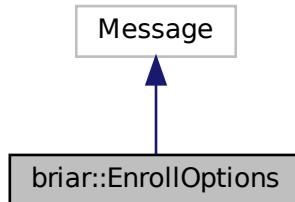
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

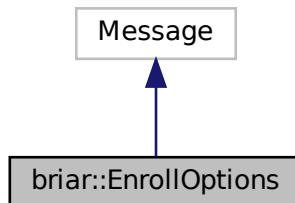
7.117 briar::EnrollOptions Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::EnrollOptions:



Collaboration diagram for briar::EnrollOptions:



Public Member Functions

- `::briar::Attribute * add_attributes ()`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & attributes () const`
- `const ::briar::Attribute & attributes (int index) const`
- `int attributes_size () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_attributes ()`
- `void clear_debug ()`
- `void clear_enroll_batch ()`
- `void clear_enroll_flag ()`
- `void clear_entry_type ()`
- `void clear_media_id ()`
- `void clear_modality ()`
- `void clear_return_media ()`
- `void clear_save_metadata ()`
- `void clear_store_media ()`
- `void clear_subject_id ()`
- `void clear_subject_name ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const EnrollOptions &from)`
- `const ::briar::BoolOption & debug () const`
- `const ::briar::IntOption & enroll_batch () const`
- `::briar::EnrollFlags enroll_flag () const`
- `EnrollOptions ()`
- `EnrollOptions (const EnrollOptions &from)`
- `::briar::EntryType entry_type () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_debug () const`
- `bool has_enroll_batch () const`
- `bool has_return_media () const`
- `bool has_save_metadata () const`
- `bool has_store_media () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `const ::std::string & media_id () const`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const EnrollOptions &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::BiometricModality modality () const`
- `::google::protobuf::RepeatedPtrField< ::briar::Attribute > * mutable_attributes ()`
- `::briar::Attribute * mutable_attributes (int index)`
- `::briar::BoolOption * mutable_debug ()`
- `::briar::IntOption * mutable_enroll_batch ()`
- `::std::string * mutable_media_id ()`
- `::briar::BoolOption * mutable_return_media ()`
- `::briar::BoolOption * mutable_save_metadata ()`
- `::briar::BoolOption * mutable_store_media ()`
- `::std::string * mutable_subject_id ()`
- `::std::string * mutable_subject_name ()`
- `EnrollOptions * New () const final`
- `EnrollOptions * New (::google::protobuf::Arena *arena) const final`

- `EnrollOptions & operator= (const EnrollOptions &from)`
- `::briar::BoolOption * release_debug ()`
- `::briar::IntOption * release_enroll_batch ()`
- `::std::string * release_media_id ()`
- `::briar::BoolOption * release_return_media ()`
- `::briar::BoolOption * release_save_metadata ()`
- `::briar::BoolOption * release_store_media ()`
- `::std::string * release_subject_id ()`
- `::std::string * release_subject_name ()`
- `const ::briar::BoolOption & return_media () const`
- `const ::briar::BoolOption & save_metadata () const`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_debug (::briar::BoolOption *debug)`
- `void set_allocated_enroll_batch (::briar::IntOption *enroll_batch)`
- `void set_allocated_media_id (::std::string *media_id)`
- `void set_allocated_return_media (::briar::BoolOption *return_media)`
- `void set_allocated_save_metadata (::briar::BoolOption *save_metadata)`
- `void set_allocated_store_media (::briar::BoolOption *store_media)`
- `void set_allocated_subject_id (::std::string *subject_id)`
- `void set_allocated_subject_name (::std::string *subject_name)`
- `void set_enroll_flag (::briar::EnrollFlags value)`
- `void set_entry_type (::briar::EntryType value)`
- `void set_media_id (const ::std::string &value)`
- `void set_media_id (const char *value)`
- `void set_media_id (const char *value, size_t size)`
- `void set_modality (::briar::BiometricModality value)`
- `void set_subject_id (const ::std::string &value)`
- `void set_subject_id (const char *value)`
- `void set_subject_id (const char *value, size_t size)`
- `void set_subject_name (const ::std::string &value)`
- `void set_subject_name (const char *value)`
- `void set_subject_name (const char *value, size_t size)`
- `const ::briar::BoolOption & store_media () const`
- `const ::std::string & subject_id () const`
- `const ::std::string & subject_name () const`
- `void Swap (EnrollOptions *other)`
- `virtual ~EnrollOptions ()`

Static Public Member Functions

- `static const EnrollOptions & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const EnrollOptions * internal_default_instance ()`

Static Public Attributes

- static const int `kAttributesFieldNumber` = 12
- static const int `kDebugFieldNumber` = 2
- static const int `kEnrollBatchFieldNumber` = 7
- static const int `kEnrollFlagFieldNumber` = 8
- static const int `kEntryTypeFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`
- static const int `kMediaIdFieldNumber` = 5
- static const int `kModalityFieldNumber` = 9
- static const int `kReturnMediaFieldNumber` = 10
- static const int `kSaveMetadataFieldNumber` = 1
- static const int `kStoreMediaFieldNumber` = 11
- static const int `kSubjectIdFieldNumber` = 4
- static const int `kSubjectNameFieldNumber` = 6

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap` (`EnrollOptions &a, EnrollOptions &b`)

7.117.1 Constructor & Destructor Documentation

7.117.1.1 `EnrollOptions()` [1/2]

```
briar::EnrollOptions::EnrollOptions ( )
```

7.117.1.2 `~EnrollOptions()`

```
briar::EnrollOptions::~EnrollOptions ( ) [virtual]
```

7.117.1.3 `EnrollOptions()` [2/2]

```
briar::EnrollOptions::EnrollOptions (
    const EnrollOptions & from )
```

7.117.2 Member Function Documentation

7.117.2.1 add_attributes()

```
briar::Attribute * briar::EnrollOptions::add_attributes ( ) [inline]
```

7.117.2.2 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::EnrollOptions::attributes  
( ) const [inline]
```

7.117.2.3 attributes() [2/2]

```
const ::briar::Attribute & briar::EnrollOptions::attributes  
( int index ) const [inline]
```

7.117.2.4 attributes_size()

```
int briar::EnrollOptions::attributes_size ( ) const [inline]
```

7.117.2.5 ByteSizeLong()

```
size_t briar::EnrollOptions::ByteSizeLong ( ) const [final]
```

7.117.2.6 Clear()

```
void briar::EnrollOptions::Clear ( ) [final]
```

7.117.2.7 clear_attributes()

```
void briar::EnrollOptions::clear_attributes ( ) [inline]
```

7.117.2.8 clear_debug()

```
void briar::EnrollOptions::clear_debug () [inline]
```

7.117.2.9 clear_enroll_batch()

```
void briar::EnrollOptions::clear_enroll_batch () [inline]
```

7.117.2.10 clear_enroll_flag()

```
void briar::EnrollOptions::clear_enroll_flag () [inline]
```

7.117.2.11 clear_entry_type()

```
void briar::EnrollOptions::clear_entry_type () [inline]
```

7.117.2.12 clear_media_id()

```
void briar::EnrollOptions::clear_media_id () [inline]
```

7.117.2.13 clear_modality()

```
void briar::EnrollOptions::clear_modality () [inline]
```

7.117.2.14 clear_return_media()

```
void briar::EnrollOptions::clear_return_media () [inline]
```

7.117.2.15 clear_save_metadata()

```
void briar::EnrollOptions::clear_save_metadata () [inline]
```

7.117.2.16 clear_store_media()

```
void briar::EnrollOptions::clear_store_media ( ) [inline]
```

7.117.2.17 clear_subject_id()

```
void briar::EnrollOptions::clear_subject_id ( ) [inline]
```

7.117.2.18 clear_subject_name()

```
void briar::EnrollOptions::clear_subject_name ( ) [inline]
```

7.117.2.19 CopyFrom() [1/2]

```
void briar::EnrollOptions::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.117.2.20 CopyFrom() [2/2]

```
void briar::EnrollOptions::CopyFrom (
    const EnrollOptions & from )
```

7.117.2.21 debug()

```
const ::briar::BoolOption & briar::EnrollOptions::debug ( ) const [inline]
```

7.117.2.22 default_instance()

```
const EnrollOptions & briar::EnrollOptions::default_instance ( ) [static]
```

7.117.2.23 descriptor()

```
const ::google::protobuf::Descriptor * briar::EnrollOptions::descriptor () [static]
```

7.117.2.24 enroll_batch()

```
const ::briar::IntOption & briar::EnrollOptions::enroll_batch () const [inline]
```

7.117.2.25 enroll_flag()

```
briar::EnrollFlags briar::EnrollOptions::enroll_flag () const [inline]
```

7.117.2.26 entry_type()

```
briar::EntryType briar::EnrollOptions::entry_type () const [inline]
```

7.117.2.27 GetCachedSize()

```
int briar::EnrollOptions::GetCachedSize () const [inline], [final]
```

7.117.2.28 GetMetadata()

```
google::protobuf::Metadata briar::EnrollOptions::GetMetadata () const [final]
```

7.117.2.29 has_debug()

```
bool briar::EnrollOptions::has_debug () const [inline]
```

7.117.2.30 has_enroll_batch()

```
bool briar::EnrollOptions::has_enroll_batch () const [inline]
```

7.117.2.31 has_return_media()

```
bool briar::EnrollOptions::has_return_media ( ) const [inline]
```

7.117.2.32 has_save_metadata()

```
bool briar::EnrollOptions::has_save_metadata ( ) const [inline]
```

7.117.2.33 has_store_media()

```
bool briar::EnrollOptions::has_store_media ( ) const [inline]
```

7.117.2.34 InitAsDefaultInstance()

```
void briar::EnrollOptions::InitAsDefaultInstance ( ) [static]
```

7.117.2.35 internal_default_instance()

```
static const EnrollOptions* briar::EnrollOptions::internal_default_instance ( ) [inline],  
[static]
```

7.117.2.36 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::EnrollOptions::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.117.2.37 IsInitialized()

```
bool briar::EnrollOptions::IsInitialized ( ) const [final]
```

7.117.2.38 media_id()

```
const ::std::string & briar::EnrollOptions::media_id ( ) const [inline]
```

7.117.2.39 MergeFrom() [1/2]

```
void briar::EnrollOptions::MergeFrom (
    const ::google::protobuf::Message & from) [final]
```

7.117.2.40 MergeFrom() [2/2]

```
void briar::EnrollOptions::MergeFrom (
    const EnrollOptions & from)
```

7.117.2.41 MergePartialFromCodedStream()

```
bool briar::EnrollOptions::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input) [final]
```

7.117.2.42 modality()

```
briar::BiometricModality briar::EnrollOptions::modality ( ) const [inline]
```

7.117.2.43 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::EnrollOptions::mutable_attributes ( ) [inline]
```

7.117.2.44 mutable_attributes() [2/2]

```
briar::Attribute * briar::EnrollOptions::mutable_attributes (
    int index) [inline]
```

7.117.2.45 mutable_debug()

```
briar::BoolOption * briar::EnrollOptions::mutable_debug ( ) [inline]
```

7.117.2.46 mutable_enroll_batch()

```
briar::IntOption * briar::EnrollOptions::mutable_enroll_batch ( ) [inline]
```

7.117.2.47 mutable_media_id()

```
std::string * briar::EnrollOptions::mutable_media_id ( ) [inline]
```

7.117.2.48 mutable_return_media()

```
briar::BoolOption * briar::EnrollOptions::mutable_return_media ( ) [inline]
```

7.117.2.49 mutable_save_metadata()

```
briar::BoolOption * briar::EnrollOptions::mutable_save_metadata ( ) [inline]
```

7.117.2.50 mutable_store_media()

```
briar::BoolOption * briar::EnrollOptions::mutable_store_media ( ) [inline]
```

7.117.2.51 mutable_subject_id()

```
std::string * briar::EnrollOptions::mutable_subject_id ( ) [inline]
```

7.117.2.52 mutable_subject_name()

```
std::string * briar::EnrollOptions::mutable_subject_name ( ) [inline]
```

7.117.2.53 `New()` [1/2]

```
EnrollOptions* briar::EnrollOptions::New ( ) const [inline], [final]
```

7.117.2.54 `New()` [2/2]

```
EnrollOptions* briar::EnrollOptions::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.117.2.55 `operator=()`

```
EnrollOptions& briar::EnrollOptions::operator= ( const EnrollOptions & from ) [inline]
```

7.117.2.56 `release_debug()`

```
briar::BoolOption * briar::EnrollOptions::release_debug ( ) [inline]
```

7.117.2.57 `release_enroll_batch()`

```
briar::IntOption * briar::EnrollOptions::release_enroll_batch ( ) [inline]
```

7.117.2.58 `release_media_id()`

```
std::string * briar::EnrollOptions::release_media_id ( ) [inline]
```

7.117.2.59 `release_return_media()`

```
briar::BoolOption * briar::EnrollOptions::release_return_media ( ) [inline]
```

7.117.2.60 release_save_metadata()

```
briar::BoolOption * briar::EnrollOptions::release_save_metadata ( ) [inline]
```

7.117.2.61 release_store_media()

```
briar::BoolOption * briar::EnrollOptions::release_store_media ( ) [inline]
```

7.117.2.62 release_subject_id()

```
std::string * briar::EnrollOptions::release_subject_id ( ) [inline]
```

7.117.2.63 release_subject_name()

```
std::string * briar::EnrollOptions::release_subject_name ( ) [inline]
```

7.117.2.64 return_media()

```
const ::briar::BoolOption & briar::EnrollOptions::return_media ( ) const [inline]
```

7.117.2.65 save_metadata()

```
const ::briar::BoolOption & briar::EnrollOptions::save_metadata ( ) const [inline]
```

7.117.2.66 SerializeWithCachedSizes()

```
void briar::EnrollOptions::SerializeWithCachedSizes (  
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.117.2.67 set_allocated_debug()

```
void briar::EnrollOptions::set_allocated_debug (
    ::briar::BoolOption * debug ) [inline]
```

7.117.2.68 set_allocated_enroll_batch()

```
void briar::EnrollOptions::set_allocated_enroll_batch (
    ::briar::IntOption * enroll_batch ) [inline]
```

7.117.2.69 set_allocated_media_id()

```
void briar::EnrollOptions::set_allocated_media_id (
    ::std::string * media_id ) [inline]
```

7.117.2.70 set_allocated_return_media()

```
void briar::EnrollOptions::set_allocated_return_media (
    ::briar::BoolOption * return_media ) [inline]
```

7.117.2.71 set_allocated_save_metadata()

```
void briar::EnrollOptions::set_allocated_save_metadata (
    ::briar::BoolOption * save_metadata ) [inline]
```

7.117.2.72 set_allocated_store_media()

```
void briar::EnrollOptions::set_allocated_store_media (
    ::briar::BoolOption * store_media ) [inline]
```

7.117.2.73 set_allocated_subject_id()

```
void briar::EnrollOptions::set_allocated_subject_id (
    ::std::string * subject_id ) [inline]
```

7.117.2.74 set_allocated_subject_name()

```
void briar::EnrollOptions::set_allocated_subject_name (
    ::std::string * subject_name ) [inline]
```

7.117.2.75 set_enroll_flag()

```
void briar::EnrollOptions::set_enroll_flag (
    ::briar::EnrollFlags value ) [inline]
```

7.117.2.76 set_entry_type()

```
void briar::EnrollOptions::set_entry_type (
    ::briar::EntryType value ) [inline]
```

7.117.2.77 set_media_id() [1/3]

```
void briar::EnrollOptions::set_media_id (
    const ::std::string & value ) [inline]
```

7.117.2.78 set_media_id() [2/3]

```
void briar::EnrollOptions::set_media_id (
    const char * value ) [inline]
```

7.117.2.79 set_media_id() [3/3]

```
void briar::EnrollOptions::set_media_id (
    const char * value,
    size_t size ) [inline]
```

7.117.2.80 set_modality()

```
void briar::EnrollOptions::set_modality (
    ::briar::BiometricModality value ) [inline]
```

7.117.2.81 `set_subject_id()` [1/3]

```
void briar::EnrollOptions::set_subject_id (
    const ::std::string & value ) [inline]
```

7.117.2.82 `set_subject_id()` [2/3]

```
void briar::EnrollOptions::set_subject_id (
    const char * value ) [inline]
```

7.117.2.83 `set_subject_id()` [3/3]

```
void briar::EnrollOptions::set_subject_id (
    const char * value,
    size_t size ) [inline]
```

7.117.2.84 `set_subject_name()` [1/3]

```
void briar::EnrollOptions::set_subject_name (
    const ::std::string & value ) [inline]
```

7.117.2.85 `set_subject_name()` [2/3]

```
void briar::EnrollOptions::set_subject_name (
    const char * value ) [inline]
```

7.117.2.86 `set_subject_name()` [3/3]

```
void briar::EnrollOptions::set_subject_name (
    const char * value,
    size_t size ) [inline]
```

7.117.2.87 `store_media()`

```
const ::briar::BoolOption & briar::EnrollOptions::store_media ( ) const [inline]
```

7.117.2.88 subject_id()

```
const ::std::string & briar::EnrollOptions::subject_id ( ) const [inline]
```

7.117.2.89 subject_name()

```
const ::std::string & briar::EnrollOptions::subject_name ( ) const [inline]
```

7.117.2.90 Swap()

```
void briar::EnrollOptions::Swap ( EnrollOptions * other )
```

7.117.3 Friends And Related Function Documentation**7.117.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.117.3.2 swap

```
void swap ( EnrollOptions & a, EnrollOptions & b ) [friend]
```

7.117.4 Member Data Documentation**7.117.4.1 kAttributesFieldNumber**

```
const int briar::EnrollOptions::kAttributesFieldNumber = 12 [static]
```

7.117.4.2 kDebugFieldNumber

```
const int briar::EnrollOptions::kDebugFieldNumber = 2 [static]
```

7.117.4.3 kEnrollBatchFieldNumber

```
const int briar::EnrollOptions::kEnrollBatchFieldNumber = 7 [static]
```

7.117.4.4 kEnrollFlagFieldNumber

```
const int briar::EnrollOptions::kEnrollFlagFieldNumber = 8 [static]
```

7.117.4.5 kEntryTypeFieldNumber

```
const int briar::EnrollOptions::kEntryTypeFieldNumber = 3 [static]
```

7.117.4.6 kIndexInFileMessages

```
constexpr int briar::EnrollOptions::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
=  
7
```

7.117.4.7 kMediaIdFieldNumber

```
const int briar::EnrollOptions::kMediaIdFieldNumber = 5 [static]
```

7.117.4.8 kModalityFieldNumber

```
const int briar::EnrollOptions::kModalityFieldNumber = 9 [static]
```

7.117.4.9 kReturnMediaFieldNumber

```
const int briar::EnrollOptions::kReturnMediaFieldNumber = 10 [static]
```

7.117.4.10 kSaveMetadataFieldNumber

```
const int briar::EnrollOptions::kSaveMetadataFieldNumber = 1 [static]
```

7.117.4.11 kStoreMediaFieldNumber

```
const int briar::EnrollOptions::kStoreMediaFieldNumber = 11 [static]
```

7.117.4.12 kSubjectIdFieldNumber

```
const int briar::EnrollOptions::kSubjectIdFieldNumber = 4 [static]
```

7.117.4.13 kSubjectNameFieldNumber

```
const int briar::EnrollOptions::kSubjectNameFieldNumber = 6 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.118 briar::EnrollOptionsDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [EnrollOptions](#) > [_instance](#)

7.118.1 Member Data Documentation

7.118.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<EnrollOptions> briar::EnrollOptions<->  
DefaultTypeInternal:::_instance
```

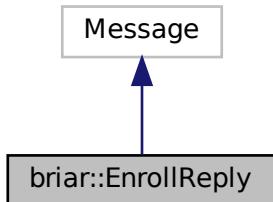
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

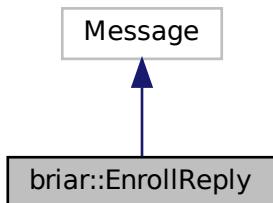
7.119 briar::EnrollReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::EnrollReply:



Collaboration diagram for briar::EnrollReply:



Public Member Functions

- `::briar::Detection * add_detections ()`
- `::briar::EnrollmentInfo * add_enrollments ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_detect_reply ()`
- `void clear_detections ()`
- `void clear_durations ()`
- `void clear_enrollments ()`
- `void clear_errors ()`
- `void clear_extract_reply ()`
- `void clear_frame_id ()`
- `void clear_progress ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const EnrollReply &from)`
- `const ::briar::DetectReply & detect_reply () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Detection > & detections () const`
- `const ::briar::Detection & detections (int index) const`
- `int detections_size () const`
- `const ::briar::BriarDurations & durations () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::EnrollmentInfo > & enrollments () const`
- `const ::briar::EnrollmentInfo & enrollments (int index) const`
- `int enrollments_size () const`
- `EnrollReply ()`
- `EnrollReply (const EnrollReply &from)`
- `const ::briar::BriarErrors & errors () const`
- `const ::briar::ExtractReply & extract_reply () const`
- `::google::protobuf::int64 frame_id () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_detect_reply () const`
- `bool has_durations () const`
- `bool has_errors () const`
- `bool has_extract_reply () const`
- `bool has_progress () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const EnrollReply &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::DetectReply * mutable_detect_reply ()`
- `::google::protobuf::RepeatedPtrField< ::briar::Detection > * mutable_detections ()`
- `::briar::Detection * mutable_detections (int index)`
- `::briar::BriarDurations * mutable_durations ()`
- `::google::protobuf::RepeatedPtrField< ::briar::EnrollmentInfo > * mutable_enrollments ()`
- `::briar::EnrollmentInfo * mutable_enrollments (int index)`
- `::briar::BriarErrors * mutable_errors ()`
- `::briar::ExtractReply * mutable_extract_reply ()`
- `::briar::BriarProgress * mutable_progress ()`
- `EnrollReply * New () const final`
- `EnrollReply * New (::google::protobuf::Arena *arena) const final`
- `EnrollReply & operator= (const EnrollReply &from)`
- `const ::briar::BriarProgress & progress () const`

- `::briar::DetectReply * release_detect_reply ()`
- `::briar::BriarDurations * release_durations ()`
- `::briar::BriarErrors * release_errors ()`
- `::briar::ExtractReply * release_extract_reply ()`
- `::briar::BriarProgress * release_progress ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_detect_reply (::briar::DetectReply *detect_reply)`
- `void set_allocated_durations (::briar::BriarDurations *durations)`
- `void set_allocated_errors (::briar::BriarErrors *errors)`
- `void set_allocated_extract_reply (::briar::ExtractReply *extract_reply)`
- `void set_allocated_progress (::briar::BriarProgress *progress)`
- `void set_frame_id (::google::protobuf::int64 value)`
- `void Swap (EnrollReply *other)`
- `virtual ~EnrollReply ()`

Static Public Member Functions

- `static const EnrollReply & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const EnrollReply * internal_default_instance ()`

Static Public Attributes

- `static const int kDetectionsFieldNumber = 1`
- `static const int kDetectReplyFieldNumber = 4`
- `static const int kDurationsFieldNumber = 2`
- `static const int kEnrollmentsFieldNumber = 7`
- `static const int kErrorsFieldNumber = 6`
- `static const int kExtractReplyFieldNumber = 5`
- `static const int kFrameIdFieldNumber = 3`
- `static constexpr int kIndexInFileMessages`
- `static const int kProgressFieldNumber = 8`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- `void swap (EnrollReply &a, EnrollReply &b)`

7.119.1 Constructor & Destructor Documentation

7.119.1.1 EnrollReply() [1/2]

```
briar::EnrollReply::EnrollReply ( )
```

7.119.1.2 ~EnrollReply()

```
briar::EnrollReply::~EnrollReply ( ) [virtual]
```

7.119.1.3 EnrollReply() [2/2]

```
briar::EnrollReply::EnrollReply (
    const EnrollReply & from )
```

7.119.2 Member Function Documentation

7.119.2.1 add_detections()

```
briar::Detection * briar::EnrollReply::add_detections ( ) [inline]
```

7.119.2.2 add_enrollments()

```
briar::EnrollmentInfo * briar::EnrollReply::add_enrollments ( ) [inline]
```

7.119.2.3 ByteSizeLong()

```
size_t briar::EnrollReply::ByteSizeLong ( ) const [final]
```

7.119.2.4 Clear()

```
void briar::EnrollReply::Clear ( ) [final]
```

7.119.2.5 clear_detect_reply()

```
void briar::EnrollReply::clear_detect_reply ( ) [inline]
```

7.119.2.6 clear_detections()

```
void briar::EnrollReply::clear_detections ( )
```

7.119.2.7 clear_durations()

```
void briar::EnrollReply::clear_durations ( )
```

7.119.2.8 clear_enrollments()

```
void briar::EnrollReply::clear_enrollments ( )
```

7.119.2.9 clear_errors()

```
void briar::EnrollReply::clear_errors ( )
```

7.119.2.10 clear_extract_reply()

```
void briar::EnrollReply::clear_extract_reply ( ) [inline]
```

7.119.2.11 clear_frame_id()

```
void briar::EnrollReply::clear_frame_id ( ) [inline]
```

7.119.2.12 clear_progress()

```
void briar::EnrollReply::clear_progress ( )
```

7.119.2.13 CopyFrom() [1/2]

```
void briar::EnrollReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.119.2.14 CopyFrom() [2/2]

```
void briar::EnrollReply::CopyFrom (
    const EnrollReply & from )
```

7.119.2.15 default_instance()

```
const EnrollReply & briar::EnrollReply::default_instance () [static]
```

7.119.2.16 descriptor()

```
const ::google::protobuf::Descriptor * briar::EnrollReply::descriptor () [static]
```

7.119.2.17 detect_reply()

```
const ::briar::DetectReply & briar::EnrollReply::detect_reply () const [inline]
```

7.119.2.18 detections() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::EnrollReply::detections
() const [inline]
```

7.119.2.19 detections() [2/2]

```
const ::briar::Detection & briar::EnrollReply::detections (
    int index ) const [inline]
```

7.119.2.20 detections_size()

```
int briar::EnrollReply::detections_size () const [inline]
```

7.119.2.21 durations()

```
const ::briar::BriarDurations & briar::EnrollReply::durations () const [inline]
```

7.119.2.22 enrollments() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::EnrollmentInfo> & briar::EnrollReply::enrollments () const [inline]
```

7.119.2.23 enrollments() [2/2]

```
const ::briar::EnrollmentInfo & briar::EnrollReply::enrollments (int index) const [inline]
```

7.119.2.24 enrollments_size()

```
int briar::EnrollReply::enrollments_size () const [inline]
```

7.119.2.25 errors()

```
const ::briar::BriarErrors & briar::EnrollReply::errors () const [inline]
```

7.119.2.26 extract_reply()

```
const ::briar::ExtractReply & briar::EnrollReply::extract_reply () const [inline]
```

7.119.2.27 frame_id()

```
google::protobuf::int64 briar::EnrollReply::frame_id () const [inline]
```

7.119.2.28 GetCachedSize()

```
int briar::EnrollReply::GetCachedSize ( ) const [inline], [final]
```

7.119.2.29 GetMetadata()

```
google::protobuf::Metadata briar::EnrollReply::GetMetadata ( ) const [final]
```

7.119.2.30 has_detect_reply()

```
bool briar::EnrollReply::has_detect_reply ( ) const [inline]
```

7.119.2.31 has_durations()

```
bool briar::EnrollReply::has_durations ( ) const [inline]
```

7.119.2.32 has_errors()

```
bool briar::EnrollReply::has_errors ( ) const [inline]
```

7.119.2.33 has_extract_reply()

```
bool briar::EnrollReply::has_extract_reply ( ) const [inline]
```

7.119.2.34 has_progress()

```
bool briar::EnrollReply::has_progress ( ) const [inline]
```

7.119.2.35 InitAsDefaultInstance()

```
void briar::EnrollReply::InitAsDefaultInstance ( ) [static]
```

7.119.2.36 internal_default_instance()

```
static const EnrollReply* briar::EnrollReply::internal_default_instance ( ) [inline], [static]
```

7.119.2.37 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::EnrollReply::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.119.2.38 IsInitialized()

```
bool briar::EnrollReply::IsInitialized ( ) const [final]
```

7.119.2.39 MergeFrom() [1/2]

```
void briar::EnrollReply::MergeFrom ( const ::google::protobuf::Message & from ) [final]
```

7.119.2.40 MergeFrom() [2/2]

```
void briar::EnrollReply::MergeFrom ( const EnrollReply & from )
```

7.119.2.41 MergePartialFromCodedStream()

```
bool briar::EnrollReply::MergePartialFromCodedStream ( ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.119.2.42 mutable_detect_reply()

```
briar::DetectReply * briar::EnrollReply::mutable_detect_reply ( ) [inline]
```

7.119.2.43 mutable_detections() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::EnrollReply::mutable_detections()
( ) [inline]
```

7.119.2.44 mutable_detections() [2/2]

```
briar::Detection * briar::EnrollReply::mutable_detections(
    int index) [inline]
```

7.119.2.45 mutable_durations()

```
briar::BriarDurations * briar::EnrollReply::mutable_durations() [inline]
```

7.119.2.46 mutable_enrollments() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::EnrollmentInfo> * briar::EnrollReply::mutable_enrollments()
( ) [inline]
```

7.119.2.47 mutable_enrollments() [2/2]

```
briar::EnrollmentInfo * briar::EnrollReply::mutable_enrollments(
    int index) [inline]
```

7.119.2.48 mutable_errors()

```
briar::BriarErrors * briar::EnrollReply::mutable_errors() [inline]
```

7.119.2.49 mutable_extract_reply()

```
briar::ExtractReply * briar::EnrollReply::mutable_extract_reply() [inline]
```

7.119.2.50 mutable_progress()

```
briar::BriarProgress * briar::EnrollReply::mutable_progress ( ) [inline]
```

7.119.2.51 New() [1/2]

```
EnrollReply* briar::EnrollReply::New ( ) const [inline], [final]
```

7.119.2.52 New() [2/2]

```
EnrollReply* briar::EnrollReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.119.2.53 operator=()

```
EnrollReply& briar::EnrollReply::operator= ( const EnrollReply & from ) [inline]
```

7.119.2.54 progress()

```
const ::briar::BriarProgress & briar::EnrollReply::progress ( ) const [inline]
```

7.119.2.55 release_detect_reply()

```
briar::DetectReply * briar::EnrollReply::release_detect_reply ( ) [inline]
```

7.119.2.56 release_durations()

```
briar::BriarDurations * briar::EnrollReply::release_durations ( ) [inline]
```

7.119.2.57 release_errors()

```
briar::BriarErrors * briar::EnrollReply::release_errors ( ) [inline]
```

7.119.2.58 release_extract_reply()

```
briar::ExtractReply * briar::EnrollReply::release_extract_reply ( ) [inline]
```

7.119.2.59 release_progress()

```
briar::BriarProgress * briar::EnrollReply::release_progress ( ) [inline]
```

7.119.2.60 SerializeWithCachedSizes()

```
void briar::EnrollReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.119.2.61 set_allocated_detect_reply()

```
void briar::EnrollReply::set_allocated_detect_reply (
    ::briar::DetectReply * detect_reply ) [inline]
```

7.119.2.62 set_allocated_durations()

```
void briar::EnrollReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.119.2.63 set_allocated_errors()

```
void briar::EnrollReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.119.2.64 set_allocated_extract_reply()

```
void briar::EnrollReply::set_allocated_extract_reply (
    ::briar::ExtractReply * extract_reply ) [inline]
```

7.119.2.65 set_allocated_progress()

```
void briar::EnrollReply::set_allocated_progress (
    ::briar::BriarProgress * progress ) [inline]
```

7.119.2.66 set_frame_id()

```
void briar::EnrollReply::set_frame_id (
    ::google::protobuf::int64 value ) [inline]
```

7.119.2.67 Swap()

```
void briar::EnrollReply::Swap (
    EnrollReply * other )
```

7.119.3 Friends And Related Function Documentation**7.119.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.119.3.2 swap

```
void swap (
    EnrollReply & a,
    EnrollReply & b ) [friend]
```

7.119.4 Member Data Documentation

7.119.4.1 kDetectionsFieldNumber

```
const int briar::EnrollReply::kDetectionsFieldNumber = 1 [static]
```

7.119.4.2 kDetectReplyFieldNumber

```
const int briar::EnrollReply::kDetectReplyFieldNumber = 4 [static]
```

7.119.4.3 kDurationsFieldNumber

```
const int briar::EnrollReply::kDurationsFieldNumber = 2 [static]
```

7.119.4.4 kEnrollmentsFieldNumber

```
const int briar::EnrollReply::kEnrollmentsFieldNumber = 7 [static]
```

7.119.4.5 kErrorsFieldNumber

```
const int briar::EnrollReply::kErrorsFieldNumber = 6 [static]
```

7.119.4.6 kExtractReplyFieldNumber

```
const int briar::EnrollReply::kExtractReplyFieldNumber = 5 [static]
```

7.119.4.7 kFrameIdFieldNumber

```
const int briar::EnrollReply::kFrameIdFieldNumber = 3 [static]
```

7.119.4.8 kIndexInFileMessages

```
constexpr int briar::EnrollReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 32
```

7.119.4.9 kProgressFieldNumber

```
const int briar::EnrollReply::kProgressFieldNumber = 8 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.120 briar::EnrollReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[EnrollReply](#) > [_instance](#)

7.120.1 Member Data Documentation

7.120.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<EnrollReply> briar::EnrollReplyDefault←  
TypeInternal::\_instance
```

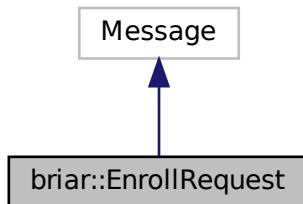
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

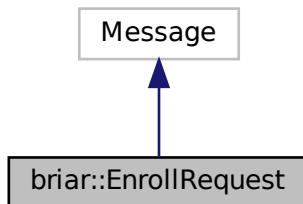
7.121 briar::EnrollRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::EnrollRequest:



Collaboration diagram for briar::EnrollRequest:



Public Member Functions

- `::briar::Detection * add_detections ()`
- `::briar::BriarTrack * add_tracks ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_database ()`
- `void clear_detect_options ()`
- `void clear_detections ()`
- `void clear_durations ()`
- `void clear_enroll_flag ()`
- `void clear_enroll_options ()`
- `void clear_extract_options ()`
- `void clear_frame ()`
- `void clear_media ()`
- `void clear_media_id ()`

- void `clear_record()`
- void `clear_subject_id()`
- void `clear_subject_name()`
- void `clear_template_()`
- void `clear_tracks()`
- void `CopyFrom(const ::google::protobuf::Message &from)` final
- void `CopyFrom(const EnrollRequest &from)`
- const `::briar::BriarDatabase & database()` const
- const `::briar::DetectionOptions & detect_options()` const
- const `::google::protobuf::RepeatedPtrField<::briar::Detection> & detections()` const
- const `::briar::Detection & detections(int index)` const
- int `detections_size()` const
- const `::briar::BriarDurations & durations()` const
- `::briar::EnrollFlags enroll_flag()` const
- const `::briar::EnrollOptions & enroll_options()` const
- `EnrollRequest()`
- `EnrollRequest(const EnrollRequest &from)`
- const `::briar::ExtractOptions & extract_options()` const
- `::google::protobuf::int32 frame()` const
- int `GetCachedSize()` const final
- `::google::protobuf::Metadata GetMetadata()` const final
- bool `has_database()` const
- bool `has_detect_options()` const
- bool `has_durations()` const
- bool `has_enroll_options()` const
- bool `has_extract_options()` const
- bool `has_media()` const
- bool `has_record()` const
- bool `has_template_()` const
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray(bool deterministic, ::google::protobuf::uint8 *target)` const final
- bool `IsInitialized()` const final
- const `::briar::BriarMedia & media()` const
- const `::std::string & media_id()` const
- void `MergeFrom(const ::google::protobuf::Message &from)` final
- void `MergeFrom(const EnrollRequest &from)`
- bool `MergePartialFromCodedStream(::google::protobuf::io::CodedInputStream *input)` final
- `::briar::BriarDatabase * mutable_database()`
- `::briar::DetectionOptions * mutable_detect_options()`
- `::google::protobuf::RepeatedPtrField<::briar::Detection> * mutable_detections()`
- `::briar::Detection * mutable_detections(int index)`
- `::briar::BriarDurations * mutable_durations()`
- `::briar::EnrollOptions * mutable_enroll_options()`
- `::briar::ExtractOptions * mutable_extract_options()`
- `::briar::BriarMedia * mutable_media()`
- `::std::string * mutable_media_id()`
- `::briar::Record * mutable_record()`
- `::std::string * mutable_subject_id()`
- `::std::string * mutable_subject_name()`
- `::briar::Template * mutable_template_()`
- `::google::protobuf::RepeatedPtrField<::briar::BriarTrack> * mutable_tracks()`
- `::briar::BriarTrack * mutable_tracks(int index)`
- `EnrollRequest * New()` const final
- `EnrollRequest * New(::google::protobuf::Arena *arena)` const final
- `EnrollRequest & operator=(const EnrollRequest &from)`

- const ::briar::Record & record () const
- ::briar::BriarDatabase * release_database ()
- ::briar::DetectionOptions * release_detect_options ()
- ::briar::BriarDurations * release_durations ()
- ::briar::EnrollOptions * release_enroll_options ()
- ::briar::ExtractOptions * release_extract_options ()
- ::briar::BriarMedia * release_media ()
- ::std::string * release_media_id ()
- ::briar::Record * release_record ()
- ::std::string * release_subject_id ()
- ::std::string * release_subject_name ()
- ::briar::Template * release_template_ ()
- void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final
- void set_allocated_database (::briar::BriarDatabase *database)
- void set_allocated_detect_options (::briar::DetectionOptions *detect_options)
- void set_allocated_durations (::briar::BriarDurations *durations)
- void set_allocated_enroll_options (::briar::EnrollOptions *enroll_options)
- void set_allocated_extract_options (::briar::ExtractOptions *extract_options)
- void set_allocated_media (::briar::BriarMedia *media)
- void set_allocated_media_id (::std::string *media_id)
- void set_allocated_record (::briar::Record *record)
- void set_allocated_subject_id (::std::string *subject_id)
- void set_allocated_subject_name (::std::string *subject_name)
- void set_allocated_template_ (::briar::Template *template_)
- void set_enroll_flag (::briar::EnrollFlags value)
- void set_frame (::google::protobuf::int32 value)
- void set_media_id (const ::std::string &value)
- void set_media_id (const char *value)
- void set_media_id (const char *value, size_t size)
- void set_subject_id (const ::std::string &value)
- void set_subject_id (const char *value)
- void set_subject_id (const char *value, size_t size)
- void set_subject_name (const ::std::string &value)
- void set_subject_name (const char *value)
- void set_subject_name (const char *value, size_t size)
- const ::std::string & subject_id () const
- const ::std::string & subject_name () const
- void Swap (EnrollRequest *other)
- const ::briar::Template & template_ () const
- const ::google::protobuf::RepeatedPtrField< ::briar::BriarTrack > & tracks () const
- const ::briar::BriarTrack & tracks (int index) const
- int tracks_size () const
- virtual ~EnrollRequest ()

Static Public Member Functions

- static const EnrollRequest & default_instance ()
- static const ::google::protobuf::Descriptor * descriptor ()
- static void InitAsDefaultInstance ()
- static const EnrollRequest * internal_default_instance ()

Static Public Attributes

- static const int `kDatabaseFieldNumber` = 3
- static const int `kDetectionsFieldNumber` = 9
- static const int `kDetectOptionsFieldNumber` = 13
- static const int `kDurationsFieldNumber` = 12
- static const int `kEnrollFlagFieldNumber` = 8
- static const int `kEnrollOptionsFieldNumber` = 15
- static const int `kExtractOptionsFieldNumber` = 14
- static const int `kFrameFieldNumber` = 2
- static constexpr int `kIndexInFileMessages`
- static const int `kMediaFieldNumber` = 1
- static const int `kMedialdFieldNumber` = 4
- static const int `kRecordFieldNumber` = 11
- static const int `kSubjectIdFieldNumber` = 5
- static const int `kSubjectNameFieldNumber` = 6
- static const int `kTemplateFieldNumber` = 10
- static const int `kTracksFieldNumber` = 7

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap` (`EnrollRequest` &`a`, `EnrollRequest` &`b`)

7.121.1 Constructor & Destructor Documentation

7.121.1.1 `EnrollRequest()` [1/2]

```
briar::EnrollRequest::EnrollRequest ( )
```

7.121.1.2 `~EnrollRequest()`

```
briar::EnrollRequest::~EnrollRequest ( ) [virtual]
```

7.121.1.3 `EnrollRequest()` [2/2]

```
briar::EnrollRequest::EnrollRequest (
    const EnrollRequest & from )
```

7.121.2 Member Function Documentation

7.121.2.1 add_detections()

```
briar::Detection * briar::EnrollRequest::add_detections ( ) [inline]
```

7.121.2.2 add_tracks()

```
briar::BriarTrack * briar::EnrollRequest::add_tracks ( ) [inline]
```

7.121.2.3 ByteSizeLong()

```
size_t briar::EnrollRequest::ByteSizeLong ( ) const [final]
```

7.121.2.4 Clear()

```
void briar::EnrollRequest::Clear ( ) [final]
```

7.121.2.5 clear_database()

```
void briar::EnrollRequest::clear_database ( )
```

7.121.2.6 clear_detect_options()

```
void briar::EnrollRequest::clear_detect_options ( )
```

7.121.2.7 clear_detections()

```
void briar::EnrollRequest::clear_detections ( )
```

7.121.2.8 clear_durations()

```
void briar::EnrollRequest::clear_durations ( )
```

7.121.2.9 clear_enroll_flag()

```
void briar::EnrollRequest::clear_enroll_flag () [inline]
```

7.121.2.10 clear_enroll_options()

```
void briar::EnrollRequest::clear_enroll_options ()
```

7.121.2.11 clear_extract_options()

```
void briar::EnrollRequest::clear_extract_options ()
```

7.121.2.12 clear_frame()

```
void briar::EnrollRequest::clear_frame () [inline]
```

7.121.2.13 clear_media()

```
void briar::EnrollRequest::clear_media ()
```

7.121.2.14 clear_media_id()

```
void briar::EnrollRequest::clear_media_id () [inline]
```

7.121.2.15 clear_record()

```
void briar::EnrollRequest::clear_record ()
```

7.121.2.16 clear_subject_id()

```
void briar::EnrollRequest::clear_subject_id () [inline]
```

7.121.2.17 clear_subject_name()

```
void briar::EnrollRequest::clear_subject_name ( ) [inline]
```

7.121.2.18 clear_template_()

```
void briar::EnrollRequest::clear_template_ ( )
```

7.121.2.19 clear_tracks()

```
void briar::EnrollRequest::clear_tracks ( )
```

7.121.2.20 CopyFrom() [1/2]

```
void briar::EnrollRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.121.2.21 CopyFrom() [2/2]

```
void briar::EnrollRequest::CopyFrom (
    const EnrollRequest & from )
```

7.121.2.22 database()

```
const ::briar::BriarDatabase & briar::EnrollRequest::database ( ) const [inline]
```

7.121.2.23 default_instance()

```
const EnrollRequest & briar::EnrollRequest::default_instance ( ) [static]
```

7.121.2.24 descriptor()

```
const ::google::protobuf::Descriptor * briar::EnrollRequest::descriptor() const [static]
```

7.121.2.25 detect_options()

```
const ::briar::DetectionOptions & briar::EnrollRequest::detect_options() const [inline]
```

7.121.2.26 detections() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::EnrollRequest::detections() const [inline]
```

7.121.2.27 detections() [2/2]

```
const ::briar::Detection & briar::EnrollRequest::detections(int index) const [inline]
```

7.121.2.28 detections_size()

```
int briar::EnrollRequest::detections_size() const [inline]
```

7.121.2.29 durations()

```
const ::briar::BriarDurations & briar::EnrollRequest::durations() const [inline]
```

7.121.2.30 enroll_flag()

```
briar::EnrollFlags briar::EnrollRequest::enroll_flag() const [inline]
```

7.121.2.31 enroll_options()

```
const ::briar::EnrollOptions & briar::EnrollRequest::enroll_options () const [inline]
```

7.121.2.32 extract_options()

```
const ::briar::ExtractOptions & briar::EnrollRequest::extract_options () const [inline]
```

7.121.2.33 frame()

```
google::protobuf::int32 briar::EnrollRequest::frame () const [inline]
```

7.121.2.34 GetCachedSize()

```
int briar::EnrollRequest::GetCachedSize () const [inline], [final]
```

7.121.2.35 GetMetadata()

```
google::protobuf::Metadata briar::EnrollRequest::GetMetadata () const [final]
```

7.121.2.36 has_database()

```
bool briar::EnrollRequest::has_database () const [inline]
```

7.121.2.37 has_detect_options()

```
bool briar::EnrollRequest::has_detect_options () const [inline]
```

7.121.2.38 has_durations()

```
bool briar::EnrollRequest::has_durations () const [inline]
```

7.121.2.39 has_enroll_options()

```
bool briar::EnrollRequest::has_enroll_options () const [inline]
```

7.121.2.40 has_extract_options()

```
bool briar::EnrollRequest::has_extract_options () const [inline]
```

7.121.2.41 has_media()

```
bool briar::EnrollRequest::has_media () const [inline]
```

7.121.2.42 has_record()

```
bool briar::EnrollRequest::has_record () const [inline]
```

7.121.2.43 has_template_()

```
bool briar::EnrollRequest::has_template_ () const [inline]
```

7.121.2.44 InitAsDefaultInstance()

```
void briar::EnrollRequest::InitAsDefaultInstance () [static]
```

7.121.2.45 internal_default_instance()

```
static const EnrollRequest* briar::EnrollRequest::internal_default_instance () [inline],  
[static]
```

7.121.2.46 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::EnrollRequest::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.121.2.47 IsInitialized()

```
bool briar::EnrollRequest::IsInitialized () const [final]
```

7.121.2.48 media()

```
const ::briar::BriarMedia & briar::EnrollRequest::media () const [inline]
```

7.121.2.49 media_id()

```
const ::std::string & briar::EnrollRequest::media_id () const [inline]
```

7.121.2.50 MergeFrom() [1/2]

```
void briar::EnrollRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.121.2.51 MergeFrom() [2/2]

```
void briar::EnrollRequest::MergeFrom (
    const EnrollRequest & from )
```

7.121.2.52 MergePartialFromCodedStream()

```
bool briar::EnrollRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.121.2.53 mutable_database()

```
briar::BriarDatabase * briar::EnrollRequest::mutable_database ( ) [inline]
```

7.121.2.54 mutable_detect_options()

```
briar::DetectionOptions * briar::EnrollRequest::mutable_detect_options ( ) [inline]
```

7.121.2.55 mutable_detections() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::EnrollRequest::mutable_detections ( ) [inline]
```

7.121.2.56 mutable_detections() [2/2]

```
briar::Detection * briar::EnrollRequest::mutable_detections ( int index ) [inline]
```

7.121.2.57 mutable_durations()

```
briar::BriarDurations * briar::EnrollRequest::mutable_durations ( ) [inline]
```

7.121.2.58 mutable_enroll_options()

```
briar::EnrollOptions * briar::EnrollRequest::mutable_enroll_options ( ) [inline]
```

7.121.2.59 mutable_extract_options()

```
briar::ExtractOptions * briar::EnrollRequest::mutable_extract_options ( ) [inline]
```

7.121.2.60 mutable_media()

```
briar::BriarMedia * briar::EnrollRequest::mutable_media ( ) [inline]
```

7.121.2.61 mutable_media_id()

```
std::string * briar::EnrollRequest::mutable_media_id ( ) [inline]
```

7.121.2.62 mutable_record()

```
briar::Record * briar::EnrollRequest::mutable_record ( ) [inline]
```

7.121.2.63 mutable_subject_id()

```
std::string * briar::EnrollRequest::mutable_subject_id ( ) [inline]
```

7.121.2.64 mutable_subject_name()

```
std::string * briar::EnrollRequest::mutable_subject_name ( ) [inline]
```

7.121.2.65 mutable_template_()

```
briar::Template * briar::EnrollRequest::mutable_template_ ( ) [inline]
```

7.121.2.66 mutable_tracks() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::BriarTrack> * briar::EnrollRequest::mutable_tracks ( ) [inline]
```

7.121.2.67 mutable_tracks() [2/2]

```
briar::BriarTrack * briar::EnrollRequest::mutable_tracks (
    int index ) [inline]
```

7.121.2.68 New() [1/2]

```
EnrollRequest* briar::EnrollRequest::New ( ) const [inline], [final]
```

7.121.2.69 New() [2/2]

```
EnrollRequest* briar::EnrollRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.121.2.70 operator=()

```
EnrollRequest& briar::EnrollRequest::operator= (
    const EnrollRequest & from ) [inline]
```

7.121.2.71 record()

```
const ::briar::Record & briar::EnrollRequest::record ( ) const [inline]
```

7.121.2.72 release_database()

```
briar::BriarDatabase * briar::EnrollRequest::release_database ( ) [inline]
```

7.121.2.73 release_detect_options()

```
briar::DetectionOptions * briar::EnrollRequest::release_detect_options ( ) [inline]
```

7.121.2.74 release_durations()

```
briar::BriarDurations * briar::EnrollRequest::release_durations () [inline]
```

7.121.2.75 release_enroll_options()

```
briar::EnrollOptions * briar::EnrollRequest::release_enroll_options () [inline]
```

7.121.2.76 release_extract_options()

```
briar::ExtractOptions * briar::EnrollRequest::release_extract_options () [inline]
```

7.121.2.77 release_media()

```
briar::BriarMedia * briar::EnrollRequest::release_media () [inline]
```

7.121.2.78 release_media_id()

```
std::string * briar::EnrollRequest::release_media_id () [inline]
```

7.121.2.79 release_record()

```
briar::Record * briar::EnrollRequest::release_record () [inline]
```

7.121.2.80 release_subject_id()

```
std::string * briar::EnrollRequest::release_subject_id () [inline]
```

7.121.2.81 release_subject_name()

```
std::string * briar::EnrollRequest::release_subject_name () [inline]
```

7.121.2.82 `release_template_()`

```
briar::Template * briar::EnrollRequest::release_template_ ( ) [inline]
```

7.121.2.83 `SerializeWithCachedSizes()`

```
void briar::EnrollRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.121.2.84 `set_allocated_database()`

```
void briar::EnrollRequest::set_allocated_database (
    ::briar::BriarDatabase * database ) [inline]
```

7.121.2.85 `set_allocated_detect_options()`

```
void briar::EnrollRequest::set_allocated_detect_options (
    ::briar::DetectionOptions * detect_options ) [inline]
```

7.121.2.86 `set_allocated_durations()`

```
void briar::EnrollRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.121.2.87 `set_allocated_enroll_options()`

```
void briar::EnrollRequest::set_allocated_enroll_options (
    ::briar::EnrollOptions * enroll_options ) [inline]
```

7.121.2.88 `set_allocated_extract_options()`

```
void briar::EnrollRequest::set_allocated_extract_options (
    ::briar::ExtractOptions * extract_options ) [inline]
```

7.121.2.89 set_allocated_media()

```
void briar::EnrollRequest::set_allocated_media (
    ::briar::BriarMedia * media ) [inline]
```

7.121.2.90 set_allocated_media_id()

```
void briar::EnrollRequest::set_allocated_media_id (
    ::std::string * media_id ) [inline]
```

7.121.2.91 set_allocated_record()

```
void briar::EnrollRequest::set_allocated_record (
    ::briar::Record * record ) [inline]
```

7.121.2.92 set_allocated_subject_id()

```
void briar::EnrollRequest::set_allocated_subject_id (
    ::std::string * subject_id ) [inline]
```

7.121.2.93 set_allocated_subject_name()

```
void briar::EnrollRequest::set_allocated_subject_name (
    ::std::string * subject_name ) [inline]
```

7.121.2.94 set_allocated_template_()

```
void briar::EnrollRequest::set_allocated_template_ (
    ::briar::Template * template_ ) [inline]
```

7.121.2.95 set_enroll_flag()

```
void briar::EnrollRequest::set_enroll_flag (
    ::briar::EnrollFlags value ) [inline]
```

7.121.2.96 `set_frame()`

```
void briar::EnrollRequest::set_frame (
    ::google::protobuf::int32 value ) [inline]
```

7.121.2.97 `set_media_id()` [1/3]

```
void briar::EnrollRequest::set_media_id (
    const ::std::string & value ) [inline]
```

7.121.2.98 `set_media_id()` [2/3]

```
void briar::EnrollRequest::set_media_id (
    const char * value ) [inline]
```

7.121.2.99 `set_media_id()` [3/3]

```
void briar::EnrollRequest::set_media_id (
    const char * value,
    size_t size ) [inline]
```

7.121.2.100 `set_subject_id()` [1/3]

```
void briar::EnrollRequest::set_subject_id (
    const ::std::string & value ) [inline]
```

7.121.2.101 `set_subject_id()` [2/3]

```
void briar::EnrollRequest::set_subject_id (
    const char * value ) [inline]
```

7.121.2.102 `set_subject_id()` [3/3]

```
void briar::EnrollRequest::set_subject_id (
    const char * value,
    size_t size ) [inline]
```

7.121.2.103 set_subject_name() [1/3]

```
void briar::EnrollRequest::set_subject_name (
    const ::std::string & value )  [inline]
```

7.121.2.104 set_subject_name() [2/3]

```
void briar::EnrollRequest::set_subject_name (
    const char * value )  [inline]
```

7.121.2.105 set_subject_name() [3/3]

```
void briar::EnrollRequest::set_subject_name (
    const char * value,
    size_t size )  [inline]
```

7.121.2.106 subject_id()

```
const ::std::string & briar::EnrollRequest::subject_id ( ) const  [inline]
```

7.121.2.107 subject_name()

```
const ::std::string & briar::EnrollRequest::subject_name ( ) const  [inline]
```

7.121.2.108 Swap()

```
void briar::EnrollRequest::Swap (
    EnrollRequest * other )
```

7.121.2.109 template_()

```
const ::briar::Template & briar::EnrollRequest::template_ ( ) const  [inline]
```

7.121.2.110 tracks() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::BriarTrack> & briar::EnrollRequest::tracks( ) const [inline]
```

7.121.2.111 tracks() [2/2]

```
const ::briar::BriarTrack & briar::EnrollRequest::tracks( int index ) const [inline]
```

7.121.2.112 tracks_size()

```
int briar::EnrollRequest::tracks_size( ) const [inline]
```

7.121.3 Friends And Related Function Documentation

7.121.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.121.3.2 swap

```
void swap( EnrollRequest & a, EnrollRequest & b ) [friend]
```

7.121.4 Member Data Documentation

7.121.4.1 kDatabaseFieldNumber

```
const int briar::EnrollRequest::kDatabaseFieldNumber = 3 [static]
```

7.121.4.2 kDetectionsFieldNumber

```
const int briar::EnrollRequest::kDetectionsFieldNumber = 9 [static]
```

7.121.4.3 kDetectOptionsFieldNumber

```
const int briar::EnrollRequest::kDetectOptionsFieldNumber = 13 [static]
```

7.121.4.4 kDurationsFieldNumber

```
const int briar::EnrollRequest::kDurationsFieldNumber = 12 [static]
```

7.121.4.5 kEnrollFlagFieldNumber

```
const int briar::EnrollRequest::kEnrollFlagFieldNumber = 8 [static]
```

7.121.4.6 kEnrollOptionsFieldNumber

```
const int briar::EnrollRequest::kEnrollOptionsFieldNumber = 15 [static]
```

7.121.4.7 kExtractOptionsFieldNumber

```
const int briar::EnrollRequest::kExtractOptionsFieldNumber = 14 [static]
```

7.121.4.8 kFrameFieldNumber

```
const int briar::EnrollRequest::kFrameFieldNumber = 2 [static]
```

7.121.4.9 **kIndexInFileMessages**

```
constexpr int briar::EnrollRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 31
```

7.121.4.10 **kMediaFieldNumber**

```
const int briar::EnrollRequest::kMediaFieldNumber = 1 [static]
```

7.121.4.11 **kMediaIdFieldNumber**

```
const int briar::EnrollRequest::kMediaIdFieldNumber = 4 [static]
```

7.121.4.12 **kRecordFieldNumber**

```
const int briar::EnrollRequest::kRecordFieldNumber = 11 [static]
```

7.121.4.13 **kSubjectIdFieldNumber**

```
const int briar::EnrollRequest::kSubjectIdFieldNumber = 5 [static]
```

7.121.4.14 **kSubjectNameFieldNumber**

```
const int briar::EnrollRequest::kSubjectNameFieldNumber = 6 [static]
```

7.121.4.15 **kTemplateFieldNumber**

```
const int briar::EnrollRequest::kTemplateFieldNumber = 10 [static]
```

7.121.4.16 kTracksFieldNumber

```
const int briar::EnrollRequest::kTracksFieldNumber = 7 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.122 briar::EnrollRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[EnrollRequest](#) > _instance

7.122.1 Member Data Documentation

7.122.1.1 _instance

```
::google::protobuf::internal::ExplicitlyConstructed<EnrollRequest> briar::EnrollRequest←  
DefaultTypeInternal::_instance
```

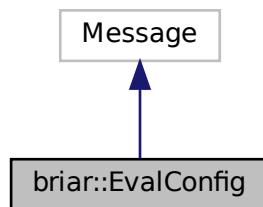
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

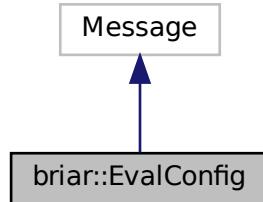
7.123 briar::EvalConfig Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::EvalConfig:



Collaboration diagram for briar::EvalConfig:



Public Member Functions

- `::briar::BatchPolicy batch_policy () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_batch_policy ()`
- `void clear_hint ()`
- `void clear_max_returns ()`
- `void clear_min_object_size ()`
- `void clear_min_size_prcnt ()`
- `void clear_policy ()`
- `void clear_role ()`
- `void clear_threshold ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const EvalConfig &from)`
- `EvalConfig ()`
- `EvalConfig (const EvalConfig &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `float hint () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `::google::protobuf::int32 max_returns () const`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const EvalConfig &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::int32 min_object_size () const`
- `float min_size_prcnt () const`
- `EvalConfig * New () const final`
- `EvalConfig * New (::google::protobuf::Arena *arena) const final`
- `EvalConfig & operator= (const EvalConfig &from)`
- `::briar::DetectionPolicy policy () const`
- `::briar::EnrollmentType role () const`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_batch_policy (::briar::BatchPolicy value)`
- `void set_hint (float value)`

- void `set_max_returns` (::google::protobuf::int32 value)
- void `set_min_object_size` (::google::protobuf::int32 value)
- void `set_min_size_prcnt` (float value)
- void `set_policy` (::briar::DetectionPolicy value)
- void `set_role` (::briar::EnrollmentType value)
- void `set_threshold` (float value)
- void `Swap` (EvalConfig *other)
- float `threshold` () const
- virtual `~EvalConfig` ()

Static Public Member Functions

- static const EvalConfig & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const EvalConfig * `internal_default_instance` ()

Static Public Attributes

- static const int `kBatchPolicyFieldNumber` = 8
- static const int `kHintFieldNumber` = 6
- static constexpr int `kIndexInFileMessages`
- static const int `kMaxReturnsFieldNumber` = 5
- static const int `kMinObjectSizeFieldNumber` = 2
- static const int `kMinSizePrcntFieldNumber` = 7
- static const int `kPolicyFieldNumber` = 1
- static const int `kRoleFieldNumber` = 3
- static const int `kThresholdFieldNumber` = 4

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap` (EvalConfig &a, EvalConfig &b)

7.123.1 Constructor & Destructor Documentation

7.123.1.1 EvalConfig() [1/2]

```
briar::EvalConfig::EvalConfig ( )
```

7.123.1.2 ~EvalConfig()

```
briar::EvalConfig::~EvalConfig ( ) [virtual]
```

7.123.1.3 **EvalConfig()** [2/2]

```
briar::EvalConfig::EvalConfig (
    const EvalConfig & from )
```

7.123.2 Member Function Documentation

7.123.2.1 **batch_policy()**

```
briar::BatchPolicy briar::EvalConfig::batch_policy () const [inline]
```

7.123.2.2 **ByteSizeLong()**

```
size_t briar::EvalConfig::ByteSizeLong () const [final]
```

7.123.2.3 **Clear()**

```
void briar::EvalConfig::Clear () [final]
```

7.123.2.4 **clear_batch_policy()**

```
void briar::EvalConfig::clear_batch_policy () [inline]
```

7.123.2.5 **clear_hint()**

```
void briar::EvalConfig::clear_hint () [inline]
```

7.123.2.6 **clear_max_returns()**

```
void briar::EvalConfig::clear_max_returns () [inline]
```

7.123.2.7 clear_min_object_size()

```
void briar::EvalConfig::clear_min_object_size ( ) [inline]
```

7.123.2.8 clear_min_size_prcnt()

```
void briar::EvalConfig::clear_min_size_prcnt ( ) [inline]
```

7.123.2.9 clear_policy()

```
void briar::EvalConfig::clear_policy ( ) [inline]
```

7.123.2.10 clear_role()

```
void briar::EvalConfig::clear_role ( ) [inline]
```

7.123.2.11 clear_threshold()

```
void briar::EvalConfig::clear_threshold ( ) [inline]
```

7.123.2.12 CopyFrom() [1/2]

```
void briar::EvalConfig::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.123.2.13 CopyFrom() [2/2]

```
void briar::EvalConfig::CopyFrom (
    const EvalConfig & from )
```

7.123.2.14 default_instance()

```
const EvalConfig & briar::EvalConfig::default_instance () [static]
```

7.123.2.15 descriptor()

```
const ::google::protobuf::Descriptor * briar::EvalConfig::descriptor () [static]
```

7.123.2.16 GetCachedSize()

```
int briar::EvalConfig::GetCachedSize () const [inline], [final]
```

7.123.2.17 GetMetadata()

```
google::protobuf::Metadata briar::EvalConfig::GetMetadata () const [final]
```

7.123.2.18 hint()

```
float briar::EvalConfig::hint () const [inline]
```

7.123.2.19 InitAsDefaultInstance()

```
void briar::EvalConfig::InitAsDefaultInstance () [static]
```

7.123.2.20 internal_default_instance()

```
static const EvalConfig* briar::EvalConfig::internal_default_instance () [inline], [static]
```

7.123.2.21 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::EvalConfig::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.123.2.22 IsInitialized()

```
bool briar::EvalConfig::IsInitialized () const [final]
```

7.123.2.23 max_returns()

```
google::protobuf::int32 briar::EvalConfig::max_returns () const [inline]
```

7.123.2.24 MergeFrom() [1/2]

```
void briar::EvalConfig::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.123.2.25 MergeFrom() [2/2]

```
void briar::EvalConfig::MergeFrom (
    const EvalConfig & from )
```

7.123.2.26 MergePartialFromCodedStream()

```
bool briar::EvalConfig::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.123.2.27 min_object_size()

```
google::protobuf::int32 briar::EvalConfig::min_object_size () const [inline]
```

7.123.2.28 min_size_prcnt()

```
float briar::EvalConfig::min_size_prcnt ( ) const [inline]
```

7.123.2.29 New() [1/2]

```
EvalConfig* briar::EvalConfig::New ( ) const [inline], [final]
```

7.123.2.30 New() [2/2]

```
EvalConfig* briar::EvalConfig::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.123.2.31 operator=()

```
EvalConfig& briar::EvalConfig::operator= ( const EvalConfig & from ) [inline]
```

7.123.2.32 policy()

```
briar::DetectionPolicy briar::EvalConfig::policy ( ) const [inline]
```

7.123.2.33 role()

```
briar::EnrollmentType briar::EvalConfig::role ( ) const [inline]
```

7.123.2.34 SerializeWithCachedSizes()

```
void briar::EvalConfig::SerializeWithCachedSizes ( ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.123.2.35 set_batch_policy()

```
void briar::EvalConfig::set_batch_policy (
    ::briar::BatchPolicy value ) [inline]
```

7.123.2.36 set_hint()

```
void briar::EvalConfig::set_hint (
    float value ) [inline]
```

7.123.2.37 set_max_returns()

```
void briar::EvalConfig::set_max_returns (
    ::google::protobuf::int32 value ) [inline]
```

7.123.2.38 set_min_object_size()

```
void briar::EvalConfig::set_min_object_size (
    ::google::protobuf::int32 value ) [inline]
```

7.123.2.39 set_min_size_prcnt()

```
void briar::EvalConfig::set_min_size_prcnt (
    float value ) [inline]
```

7.123.2.40 set_policy()

```
void briar::EvalConfig::set_policy (
    ::briar::DetectionPolicy value ) [inline]
```

7.123.2.41 set_role()

```
void briar::EvalConfig::set_role (
    ::briar::EnrollmentType value ) [inline]
```

7.123.2.42 set_threshold()

```
void briar::EvalConfig::set_threshold (
    float value ) [inline]
```

7.123.2.43 Swap()

```
void briar::EvalConfig::Swap (
    EvalConfig * other )
```

7.123.2.44 threshold()

```
float briar::EvalConfig::threshold () const [inline]
```

7.123.3 Friends And Related Function Documentation

7.123.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2aproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2aproto::TableStruct [friend]
```

7.123.3.2 swap

```
void swap (
    EvalConfig & a,
    EvalConfig & b ) [friend]
```

7.123.4 Member Data Documentation

7.123.4.1 kBATCHPOLICYFIELDNUMBER

```
const int briar::EvalConfig::kBATCHPOLICYFIELDNUMBER = 8 [static]
```

7.123.4.2 kHintFieldNumber

```
const int briar::EvalConfig::kHintFieldNumber = 6 [static]
```

7.123.4.3 kIndexInFileMessages

```
constexpr int briar::EvalConfig::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 5
```

7.123.4.4 kMaxReturnsFieldNumber

```
const int briar::EvalConfig::kMaxReturnsFieldNumber = 5 [static]
```

7.123.4.5 kMinObjectSizeFieldNumber

```
const int briar::EvalConfig::kMinObjectSizeFieldNumber = 2 [static]
```

7.123.4.6 kMinSizePrcntFieldNumber

```
const int briar::EvalConfig::kMinSizePrcntFieldNumber = 7 [static]
```

7.123.4.7 kPolicyFieldNumber

```
const int briar::EvalConfig::kPolicyFieldNumber = 1 [static]
```

7.123.4.8 kRoleFieldNumber

```
const int briar::EvalConfig::kRoleFieldNumber = 3 [static]
```

7.123.4.9 kThresholdFieldNumber

```
const int briar::EvalConfig::kThresholdFieldNumber = 4 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.124 briar::EvalConfigDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[EvalConfig](#)> `_instance`

7.124.1 Member Data Documentation

7.124.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<EvalConfig> briar::EvalConfigDefaultTypeInternal::_instance
```

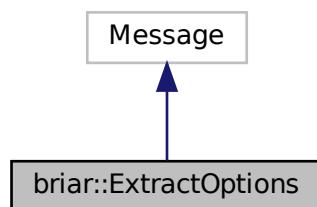
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

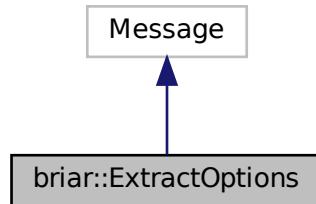
7.125 briar::ExtractOptions Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::ExtractOptions:



Collaboration diagram for briar::ExtractOptions:



Public Member Functions

- `::briar::Attribute * add_attributes ()`
- `const ::briar::StringOption & algorithm_id () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & attributes () const`
- `const ::briar::Attribute & attributes (int index) const`
- `int attributes_size () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_algorithm_id ()`
- `void clear_attributes ()`
- `void clear_debug ()`
- `void clear_extract_batch ()`
- `void clear_flag ()`
- `void clear_modality ()`
- `void clear_return_media ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const ExtractOptions &from)`
- `const ::briar::BoolOption & debug () const`
- `const ::briar::IntOption & extract_batch () const`
- `ExtractOptions ()`
- `ExtractOptions (const ExtractOptions &from)`
- `::briar::ExtractFlags flag () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_algorithm_id () const`
- `bool has_debug () const`
- `bool has_extract_batch () const`
- `bool has_return_media () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const ExtractOptions &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::BiometricModality modality () const`
- `::briar::StringOption * mutable_algorithm_id ()`

- `::google::protobuf::RepeatedPtrField< ::briar::Attribute > * mutable_attributes ()`
- `::briar::Attribute * mutable_attributes (int index)`
- `::briar::BoolOption * mutable_debug ()`
- `::briar::IntOption * mutable_extract_batch ()`
- `::briar::BoolOption * mutable_return_media ()`
- `ExtractOptions * New () const final`
- `ExtractOptions * New (::google::protobuf::Arena *arena) const final`
- `ExtractOptions & operator= (const ExtractOptions &from)`
- `::briar::StringOption * release_algorithm_id ()`
- `::briar::BoolOption * release_debug ()`
- `::briar::IntOption * release_extract_batch ()`
- `::briar::BoolOption * release_return_media ()`
- `const ::briar::BoolOption & return_media () const`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_algorithm_id (::briar::StringOption *algorithm_id)`
- `void set_allocated_debug (::briar::BoolOption *debug)`
- `void set_allocated_extract_batch (::briar::IntOption *extract_batch)`
- `void set_allocated_return_media (::briar::BoolOption *return_media)`
- `void set_flag (::briar::ExtractFlags value)`
- `void set_modality (::briar::BiometricModality value)`
- `void Swap (ExtractOptions *other)`
- `virtual ~ExtractOptions ()`

Static Public Member Functions

- `static const ExtractOptions & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const ExtractOptions * internal_default_instance ()`

Static Public Attributes

- `static const int kAlgorithmIdFieldNumber = 1`
- `static const int kAttributesFieldNumber = 7`
- `static const int kDebugFieldNumber = 2`
- `static const int kExtractBatchFieldNumber = 4`
- `static const int kFlagFieldNumber = 3`
- `static constexpr int kIndexInFileMessages`
- `static const int kModalityFieldNumber = 5`
- `static const int kReturnMediaFieldNumber = 6`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- `void swap (ExtractOptions &a, ExtractOptions &b)`

7.125.1 Constructor & Destructor Documentation

7.125.1.1 ExtractOptions() [1/2]

```
briar::ExtractOptions::ExtractOptions ( )
```

7.125.1.2 ~ExtractOptions()

```
briar::ExtractOptions::~ExtractOptions ( ) [virtual]
```

7.125.1.3 ExtractOptions() [2/2]

```
briar::ExtractOptions::ExtractOptions (
    const ExtractOptions & from )
```

7.125.2 Member Function Documentation**7.125.2.1 add_attributes()**

```
briar::Attribute * briar::ExtractOptions::add_attributes ( ) [inline]
```

7.125.2.2 algorithm_id()

```
const ::briar::StringOption & briar::ExtractOptions::algorithm_id ( ) const [inline]
```

7.125.2.3 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::ExtractOptions::attributes ( ) const [inline]
```

7.125.2.4 attributes() [2/2]

```
const ::briar::Attribute & briar::ExtractOptions::attributes (
    int index ) const [inline]
```

7.125.2.5 attributes_size()

```
int briar::ExtractOptions::attributes_size () const [inline]
```

7.125.2.6 ByteSizeLong()

```
size_t briar::ExtractOptions::ByteSizeLong () const [final]
```

7.125.2.7 Clear()

```
void briar::ExtractOptions::Clear () [final]
```

7.125.2.8 clear_algorithm_id()

```
void briar::ExtractOptions::clear_algorithm_id () [inline]
```

7.125.2.9 clear_attributes()

```
void briar::ExtractOptions::clear_attributes () [inline]
```

7.125.2.10 clear_debug()

```
void briar::ExtractOptions::clear_debug () [inline]
```

7.125.2.11 clear_extract_batch()

```
void briar::ExtractOptions::clear_extract_batch () [inline]
```

7.125.2.12 clear_flag()

```
void briar::ExtractOptions::clear_flag () [inline]
```

7.125.2.13 clear_modality()

```
void briar::ExtractOptions::clear_modality ( ) [inline]
```

7.125.2.14 clear_return_media()

```
void briar::ExtractOptions::clear_return_media ( ) [inline]
```

7.125.2.15 CopyFrom() [1/2]

```
void briar::ExtractOptions::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.125.2.16 CopyFrom() [2/2]

```
void briar::ExtractOptions::CopyFrom (
    const ExtractOptions & from )
```

7.125.2.17 debug()

```
const ::briar::BoolOption & briar::ExtractOptions::debug ( ) const [inline]
```

7.125.2.18 default_instance()

```
const ExtractOptions & briar::ExtractOptions::default_instance ( ) [static]
```

7.125.2.19 descriptor()

```
const ::google::protobuf::Descriptor * briar::ExtractOptions::descriptor ( ) [static]
```

7.125.2.20 extract_batch()

```
const ::briar::IntOption & briar::ExtractOptions::extract_batch ( ) const [inline]
```

7.125.2.21 flag()

```
briar::ExtractFlags briar::ExtractOptions::flag ( ) const [inline]
```

7.125.2.22 GetCachedSize()

```
int briar::ExtractOptions::GetCachedSize ( ) const [inline], [final]
```

7.125.2.23 GetMetadata()

```
google::protobuf::Metadata briar::ExtractOptions::GetMetadata ( ) const [final]
```

7.125.2.24 has_algorithm_id()

```
bool briar::ExtractOptions::has_algorithm_id ( ) const [inline]
```

7.125.2.25 has_debug()

```
bool briar::ExtractOptions::has_debug ( ) const [inline]
```

7.125.2.26 has_extract_batch()

```
bool briar::ExtractOptions::has_extract_batch ( ) const [inline]
```

7.125.2.27 has_return_media()

```
bool briar::ExtractOptions::has_return_media ( ) const [inline]
```

7.125.2.28 InitAsDefaultInstance()

```
void briar::ExtractOptions::InitAsDefaultInstance ( ) [static]
```

7.125.2.29 internal_default_instance()

```
static const ExtractOptions* briar::ExtractOptions::internal_default_instance ( ) [inline],  
[static]
```

7.125.2.30 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::ExtractOptions::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.125.2.31 IsInitialized()

```
bool briar::ExtractOptions::IsInitialized ( ) const [final]
```

7.125.2.32 MergeFrom() [1/2]

```
void briar::ExtractOptions::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.125.2.33 MergeFrom() [2/2]

```
void briar::ExtractOptions::MergeFrom (   
    const ExtractOptions & from )
```

7.125.2.34 MergePartialFromCodedStream()

```
bool briar::ExtractOptions::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.125.2.35 modality()

```
briar::BiometricModality briar::ExtractOptions::modality () const [inline]
```

7.125.2.36 mutable_algorithm_id()

```
briar::StringOption * briar::ExtractOptions::mutable_algorithm_id () [inline]
```

7.125.2.37 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::ExtractOptions::mutable_attributes () [inline]
```

7.125.2.38 mutable_attributes() [2/2]

```
briar::Attribute * briar::ExtractOptions::mutable_attributes (
    int index ) [inline]
```

7.125.2.39 mutable_debug()

```
briar::BoolOption * briar::ExtractOptions::mutable_debug () [inline]
```

7.125.2.40 mutable_extract_batch()

```
briar::IntOption * briar::ExtractOptions::mutable_extract_batch () [inline]
```

7.125.2.41 mutable_return_media()

```
briar::BoolOption * briar::ExtractOptions::mutable_return_media () [inline]
```

7.125.2.42 New() [1/2]

```
ExtractOptions* briar::ExtractOptions::New ( ) const [inline], [final]
```

7.125.2.43 New() [2/2]

```
ExtractOptions* briar::ExtractOptions::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.125.2.44 operator=()

```
ExtractOptions& briar::ExtractOptions::operator= ( const ExtractOptions & from ) [inline]
```

7.125.2.45 release_algorithm_id()

```
briar::StringOption * briar::ExtractOptions::release_algorithm_id ( ) [inline]
```

7.125.2.46 release_debug()

```
briar::BoolOption * briar::ExtractOptions::release_debug ( ) [inline]
```

7.125.2.47 release_extract_batch()

```
briar::IntOption * briar::ExtractOptions::release_extract_batch ( ) [inline]
```

7.125.2.48 release_return_media()

```
briar::BoolOption * briar::ExtractOptions::release_return_media ( ) [inline]
```

7.125.2.49 return_media()

```
const ::briar::BoolOption & briar::ExtractOptions::return_media ( ) const [inline]
```

7.125.2.50 SerializeWithCachedSizes()

```
void briar::ExtractOptions::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.125.2.51 set_allocated_algorithm_id()

```
void briar::ExtractOptions::set_allocated_algorithm_id (
    ::briar::StringOption * algorithm_id ) [inline]
```

7.125.2.52 set_allocated_debug()

```
void briar::ExtractOptions::set_allocated_debug (
    ::briar::BoolOption * debug ) [inline]
```

7.125.2.53 set_allocated_extract_batch()

```
void briar::ExtractOptions::set_allocated_extract_batch (
    ::briar::IntOption * extract_batch ) [inline]
```

7.125.2.54 set_allocated_return_media()

```
void briar::ExtractOptions::set_allocated_return_media (
    ::briar::BoolOption * return_media ) [inline]
```

7.125.2.55 set_flag()

```
void briar::ExtractOptions::set_flag (
    ::briar::ExtractFlags value ) [inline]
```

7.125.2.56 set_modality()

```
void briar::ExtractOptions::set_modality (
    ::briar::BiometricModality value ) [inline]
```

7.125.2.57 Swap()

```
void briar::ExtractOptions::Swap (
    ExtractOptions * other )
```

7.125.3 Friends And Related Function Documentation

7.125.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.125.3.2 swap

```
void swap (
    ExtractOptions & a,
    ExtractOptions & b ) [friend]
```

7.125.4 Member Data Documentation

7.125.4.1 kAlgorithmIdFieldNumber

```
const int briar::ExtractOptions::kAlgorithmIdFieldNumber = 1 [static]
```

7.125.4.2 kAttributesFieldNumber

```
const int briar::ExtractOptions::kAttributesFieldNumber = 7 [static]
```

7.125.4.3 kDebugFieldNumber

```
const int briar::ExtractOptions::kDebugFieldNumber = 2 [static]
```

7.125.4.4 kExtractBatchFieldNumber

```
const int briar::ExtractOptions::kExtractBatchFieldNumber = 4 [static]
```

7.125.4.5 kFlagFieldNumber

```
const int briar::ExtractOptions::kFlagFieldNumber = 3 [static]
```

7.125.4.6 kIndexInFileMessages

```
constexpr int briar::ExtractOptions::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 26
```

7.125.4.7 kModalityFieldNumber

```
const int briar::ExtractOptions::kModalityFieldNumber = 5 [static]
```

7.125.4.8 kReturnMediaFieldNumber

```
const int briar::ExtractOptions::kReturnMediaFieldNumber = 6 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.cc

7.126 briar::ExtractOptionsDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< ExtractOptions > _instance

7.126.1 Member Data Documentation

7.126.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<ExtractOptions> briar::ExtractOptions<‐
DefaultTypeInternal:::_instance
```

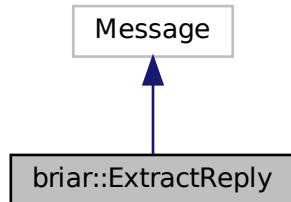
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

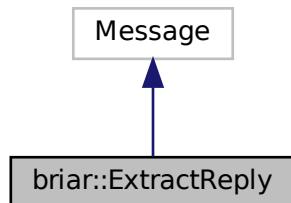
7.127 briar::ExtractReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::ExtractReply:



Collaboration diagram for briar::ExtractReply:



Public Member Functions

- `::briar::Detection * add_detections ()`
- `::briar::Template * add_templates ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_detect_reply ()`
- `void clear_detections ()`
- `void clear_durations ()`
- `void clear_errors ()`
- `void clear_frame_id ()`
- `void clear_modality ()`
- `void clear_progress ()`
- `void clear_templates ()`
- `void clear_track_reply ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const ExtractReply &from)`
- `const ::briar::DetectReply & detect_reply () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Detection > & detections () const`
- `const ::briar::Detection & detections (int index) const`
- `int detections_size () const`
- `const ::briar::BriarDurations & durations () const`
- `const ::briar::BriarErrors & errors () const`
- `ExtractReply ()`
- `ExtractReply (const ExtractReply &from)`
- `::google::protobuf::int64 frame_id () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_detect_reply () const`
- `bool has_durations () const`
- `bool has_errors () const`
- `bool has_progress () const`
- `bool has_track_reply () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const ExtractReply &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::BiometricModality modality () const`
- `::briar::DetectReply * mutable_detect_reply ()`
- `::google::protobuf::RepeatedPtrField< ::briar::Detection > * mutable_detections ()`
- `::briar::Detection * mutable_detections (int index)`
- `::briar::BriarDurations * mutable_durations ()`
- `::briar::BriarErrors * mutable_errors ()`
- `::briar::BriarProgress * mutable_progress ()`
- `::google::protobuf::RepeatedPtrField< ::briar::Template > * mutable_templates ()`
- `::briar::Template * mutable_templates (int index)`
- `::briar::TrackReply * mutable_track_reply ()`
- `ExtractReply * New () const final`
- `ExtractReply * New (::google::protobuf::Arena *arena) const final`
- `ExtractReply & operator= (const ExtractReply &from)`
- `const ::briar::BriarProgress & progress () const`
- `::briar::DetectReply * release_detect_reply ()`
- `::briar::BriarDurations * release_durations ()`

- `::briar::BriarErrors * release_errors ()`
- `::briar::BriarProgress * release_progress ()`
- `::briar::TrackReply * release_track_reply ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_detect_reply (::briar::DetectReply *detect_reply)`
- `void set_allocated_durations (::briar::BriarDurations *durations)`
- `void set_allocated_errors (::briar::BriarErrors *errors)`
- `void set_allocated_progress (::briar::BriarProgress *progress)`
- `void set_allocated_track_reply (::briar::TrackReply *track_reply)`
- `void set_frame_id (::google::protobuf::int64 value)`
- `void set_modality (::briar::BiometricModality value)`
- `void Swap (ExtractReply *other)`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Template > & templates () const`
- `const ::briar::Template & templates (int index) const`
- `int templates_size () const`
- `const ::briar::TrackReply & track_reply () const`
- `virtual ~ExtractReply ()`

Static Public Member Functions

- `static const ExtractReply & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const ExtractReply * internal_default_instance ()`

Static Public Attributes

- `static const int kDetectionsFieldNumber = 2`
- `static const int kDetectReplyFieldNumber = 6`
- `static const int kDurationsFieldNumber = 4`
- `static const int kErrorsFieldNumber = 8`
- `static const int kFrameIdFieldNumber = 3`
- `static constexpr int kIndexInFileMessages`
- `static const int kModalityFieldNumber = 5`
- `static const int kProgressFieldNumber = 9`
- `static const int kTemplatesFieldNumber = 1`
- `static const int kTrackReplyFieldNumber = 7`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- `void swap (ExtractReply &a, ExtractReply &b)`

7.127.1 Constructor & Destructor Documentation

7.127.1.1 ExtractReply() [1/2]

```
briar::ExtractReply::ExtractReply ( )
```

7.127.1.2 ~ExtractReply()

```
briar::ExtractReply::~ExtractReply ( ) [virtual]
```

7.127.1.3 ExtractReply() [2/2]

```
briar::ExtractReply::ExtractReply (
    const ExtractReply & from )
```

7.127.2 Member Function Documentation

7.127.2.1 add_detections()

```
briar::Detection * briar::ExtractReply::add_detections ( ) [inline]
```

7.127.2.2 add_templates()

```
briar::Template * briar::ExtractReply::add_templates ( ) [inline]
```

7.127.2.3 ByteSizeLong()

```
size_t briar::ExtractReply::ByteSizeLong ( ) const [final]
```

7.127.2.4 Clear()

```
void briar::ExtractReply::Clear ( ) [final]
```

7.127.2.5 clear_detect_reply()

```
void briar::ExtractReply::clear_detect_reply () [inline]
```

7.127.2.6 clear_detections()

```
void briar::ExtractReply::clear_detections ()
```

7.127.2.7 clear_durations()

```
void briar::ExtractReply::clear_durations ()
```

7.127.2.8 clear_errors()

```
void briar::ExtractReply::clear_errors ()
```

7.127.2.9 clear_frame_id()

```
void briar::ExtractReply::clear_frame_id () [inline]
```

7.127.2.10 clear_modality()

```
void briar::ExtractReply::clear_modality () [inline]
```

7.127.2.11 clear_progress()

```
void briar::ExtractReply::clear_progress ()
```

7.127.2.12 clear_templates()

```
void briar::ExtractReply::clear_templates ()
```

7.127.2.13 clear_track_reply()

```
void briar::ExtractReply::clear_track_reply ( ) [inline]
```

7.127.2.14 CopyFrom() [1/2]

```
void briar::ExtractReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.127.2.15 CopyFrom() [2/2]

```
void briar::ExtractReply::CopyFrom (
    const ExtractReply & from )
```

7.127.2.16 default_instance()

```
const ExtractReply & briar::ExtractReply::default_instance ( ) [static]
```

7.127.2.17 descriptor()

```
const ::google::protobuf::Descriptor * briar::ExtractReply::descriptor ( ) [static]
```

7.127.2.18 detect_reply()

```
const ::briar::DetectReply & briar::ExtractReply::detect_reply ( ) const [inline]
```

7.127.2.19 detections() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::ExtractReply::detections
( ) const [inline]
```

7.127.2.20 detections() [2/2]

```
const ::briar::Detection & briar::ExtractReply::detections (
    int index ) const [inline]
```

7.127.2.21 detections_size()

```
int briar::ExtractReply::detections_size ( ) const [inline]
```

7.127.2.22 durations()

```
const ::briar::BriarDurations & briar::ExtractReply::durations ( ) const [inline]
```

7.127.2.23 errors()

```
const ::briar::BriarErrors & briar::ExtractReply::errors ( ) const [inline]
```

7.127.2.24 frame_id()

```
google::protobuf::int64 briar::ExtractReply::frame_id ( ) const [inline]
```

7.127.2.25 GetCachedSize()

```
int briar::ExtractReply::GetCachedSize ( ) const [inline], [final]
```

7.127.2.26 GetMetadata()

```
google::protobuf::Metadata briar::ExtractReply::GetMetadata ( ) const [final]
```

7.127.2.27 has_detect_reply()

```
bool briar::ExtractReply::has_detect_reply () const [inline]
```

7.127.2.28 has_durations()

```
bool briar::ExtractReply::has_durations () const [inline]
```

7.127.2.29 has_errors()

```
bool briar::ExtractReply::has_errors () const [inline]
```

7.127.2.30 has_progress()

```
bool briar::ExtractReply::has_progress () const [inline]
```

7.127.2.31 has_track_reply()

```
bool briar::ExtractReply::has_track_reply () const [inline]
```

7.127.2.32 InitAsDefaultInstance()

```
void briar::ExtractReply::InitAsDefaultInstance () [static]
```

7.127.2.33 internal_default_instance()

```
static const ExtractReply* briar::ExtractReply::internal_default_instance () [inline], [static]
```

7.127.2.34 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::ExtractReply::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.127.2.35 IsInitialized()

```
bool briar::ExtractReply::IsInitialized () const [final]
```

7.127.2.36 MergeFrom() [1/2]

```
void briar::ExtractReply::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.127.2.37 MergeFrom() [2/2]

```
void briar::ExtractReply::MergeFrom (
    const ExtractReply & from )
```

7.127.2.38 MergePartialFromCodedStream()

```
bool briar::ExtractReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.127.2.39 modality()

```
briar::BiometricModality briar::ExtractReply::modality () const [inline]
```

7.127.2.40 mutable_detect_reply()

```
briar::DetectReply * briar::ExtractReply::mutable_detect_reply () [inline]
```

7.127.2.41 mutable_detections() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::ExtractReply::mutable_<→  
detections ( ) [inline]
```

7.127.2.42 mutable_detections() [2/2]

```
briar::Detection * briar::ExtractReply::mutable_detections (   
    int index ) [inline]
```

7.127.2.43 mutable_durations()

```
briar::BriarDurations * briar::ExtractReply::mutable_durations ( ) [inline]
```

7.127.2.44 mutable_errors()

```
briar::BriarErrors * briar::ExtractReply::mutable_errors ( ) [inline]
```

7.127.2.45 mutable_progress()

```
briar::BriarProgress * briar::ExtractReply::mutable_progress ( ) [inline]
```

7.127.2.46 mutable_templates() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Template> * briar::ExtractReply::mutable_templates  
( ) [inline]
```

7.127.2.47 mutable_templates() [2/2]

```
briar::Template * briar::ExtractReply::mutable_templates (   
    int index ) [inline]
```

7.127.2.48 mutable_track_reply()

```
briar::TrackReply * briar::ExtractReply::mutable_track_reply ( ) [inline]
```

7.127.2.49 New() [1/2]

```
ExtractReply* briar::ExtractReply::New ( ) const [inline], [final]
```

7.127.2.50 New() [2/2]

```
ExtractReply* briar::ExtractReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.127.2.51 operator=()

```
ExtractReply& briar::ExtractReply::operator= ( const ExtractReply & from ) [inline]
```

7.127.2.52 progress()

```
const ::briar::BriarProgress & briar::ExtractReply::progress ( ) const [inline]
```

7.127.2.53 release_detect_reply()

```
briar::DetectReply * briar::ExtractReply::release_detect_reply ( ) [inline]
```

7.127.2.54 release_durations()

```
briar::BriarDurations * briar::ExtractReply::release_durations ( ) [inline]
```

7.127.2.55 `release_errors()`

```
briar::BriarErrors * briar::ExtractReply::release_errors ( ) [inline]
```

7.127.2.56 `release_progress()`

```
briar::BriarProgress * briar::ExtractReply::release_progress ( ) [inline]
```

7.127.2.57 `release_track_reply()`

```
briar::TrackReply * briar::ExtractReply::release_track_reply ( ) [inline]
```

7.127.2.58 `SerializeWithCachedSizes()`

```
void briar::ExtractReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.127.2.59 `set_allocated_detect_reply()`

```
void briar::ExtractReply::set_allocated_detect_reply (
    ::briar::DetectReply * detect_reply ) [inline]
```

7.127.2.60 `set_allocated_durations()`

```
void briar::ExtractReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.127.2.61 `set_allocated_errors()`

```
void briar::ExtractReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.127.2.62 set_allocated_progress()

```
void briar::ExtractReply::set_allocated_progress (
    ::briar::BriarProgress * progress ) [inline]
```

7.127.2.63 set_allocated_track_reply()

```
void briar::ExtractReply::set_allocated_track_reply (
    ::briar::TrackReply * track_reply ) [inline]
```

7.127.2.64 set_frame_id()

```
void briar::ExtractReply::set_frame_id (
    ::google::protobuf::int64 value ) [inline]
```

7.127.2.65 set_modality()

```
void briar::ExtractReply::set_modality (
    ::briar::BiometricModality value ) [inline]
```

7.127.2.66 Swap()

```
void briar::ExtractReply::Swap (
    ExtractReply * other )
```

7.127.2.67 templates() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Template> & briar::ExtractReply::templates
( ) const [inline]
```

7.127.2.68 templates() [2/2]

```
const ::briar::Template & briar::ExtractReply::templates (
    int index ) const [inline]
```

7.127.2.69 templates_size()

```
int briar::ExtractReply::templates_size ( ) const [inline]
```

7.127.2.70 track_reply()

```
const ::briar::TrackReply & briar::ExtractReply::track_reply ( ) const [inline]
```

7.127.3 Friends And Related Function Documentation

7.127.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.127.3.2 swap

```
void swap (
    ExtractReply & a,
    ExtractReply & b ) [friend]
```

7.127.4 Member Data Documentation

7.127.4.1 kDetectionsFieldNumber

```
const int briar::ExtractReply::kDetectionsFieldNumber = 2 [static]
```

7.127.4.2 kDetectReplyFieldNumber

```
const int briar::ExtractReply::kDetectReplyFieldNumber = 6 [static]
```

7.127.4.3 kDurationsFieldNumber

```
const int briar::ExtractReply::kDurationsFieldNumber = 4 [static]
```

7.127.4.4 kErrorsFieldNumber

```
const int briar::ExtractReply::kErrorsFieldNumber = 8 [static]
```

7.127.4.5 kFrameIdFieldNumber

```
const int briar::ExtractReply::kFrameIdFieldNumber = 3 [static]
```

7.127.4.6 kIndexInFileMessages

```
constexpr int briar::ExtractReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 28
```

7.127.4.7 kModalityFieldNumber

```
const int briar::ExtractReply::kModalityFieldNumber = 5 [static]
```

7.127.4.8 kProgressFieldNumber

```
const int briar::ExtractReply::kProgressFieldNumber = 9 [static]
```

7.127.4.9 kTemplatesFieldNumber

```
const int briar::ExtractReply::kTemplatesFieldNumber = 1 [static]
```

7.127.4.10 kTrackReplyFieldNumber

```
const int briar::ExtractReply::kTrackReplyFieldNumber = 7 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.128 briar::ExtractReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[ExtractReply](#) > `_instance`

7.128.1 Member Data Documentation

7.128.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<ExtractReply> briar::ExtractReplyDefaultTypeInternal::_instance
```

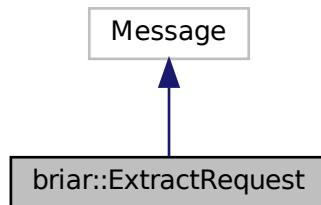
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

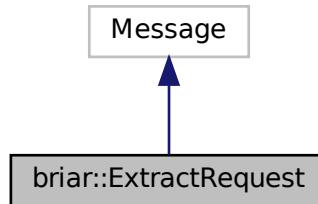
7.129 briar::ExtractRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::ExtractRequest:



Collaboration diagram for briar::ExtractRequest:



Public Member Functions

- `::briar::Detection * add_detections ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_detect_options ()`
- `void clear_detections ()`
- `void clear_durations ()`
- `void clear_extract_options ()`
- `void clear_media ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const ExtractRequest &from)`
- `const ::briar::DetectionOptions & detect_options () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Detection > & detections () const`
- `const ::briar::Detection & detections (int index) const`
- `int detections_size () const`
- `const ::briar::BriarDurations & durations () const`
- `const ::briar::ExtractOptions & extract_options () const`
- `ExtractRequest ()`
- `ExtractRequest (const ExtractRequest &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_detect_options () const`
- `bool has_durations () const`
- `bool has_extract_options () const`
- `bool has_media () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `const ::briar::BriarMedia & media () const`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const ExtractRequest &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::DetectionOptions * mutable_detect_options ()`
- `::google::protobuf::RepeatedPtrField< ::briar::Detection > * mutable_detections ()`
- `::briar::Detection * mutable_detections (int index)`
- `::briar::BriarDurations * mutable_durations ()`

- `::briar::ExtractOptions * mutable_extract_options ()`
- `::briar::BriarMedia * mutable_media ()`
- `ExtractRequest * New () const final`
- `ExtractRequest * New (::google::protobuf::Arena *arena) const final`
- `ExtractRequest & operator= (const ExtractRequest &from)`
- `::briar::DetectionOptions * release_detect_options ()`
- `::briar::BriarDurations * release_durations ()`
- `::briar::ExtractOptions * release_extract_options ()`
- `::briar::BriarMedia * release_media ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_detect_options (::briar::DetectionOptions *detect_options)`
- `void set_allocated_durations (::briar::BriarDurations *durations)`
- `void set_allocated_extract_options (::briar::ExtractOptions *extract_options)`
- `void set_allocated_media (::briar::BriarMedia *media)`
- `void Swap (ExtractRequest *other)`
- `virtual ~ExtractRequest ()`

Static Public Member Functions

- `static const ExtractRequest & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const ExtractRequest * internal_default_instance ()`

Static Public Attributes

- `static const int kDetectionsFieldNumber = 3`
- `static const int kDetectOptionsFieldNumber = 4`
- `static const int kDurationsFieldNumber = 2`
- `static const int kExtractOptionsFieldNumber = 5`
- `static constexpr int kIndexInFileMessages`
- `static const int kMediaFieldNumber = 1`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- `void swap (ExtractRequest &a, ExtractRequest &b)`

7.129.1 Constructor & Destructor Documentation

7.129.1.1 ExtractRequest() [1/2]

```
briar::ExtractRequest::ExtractRequest ( )
```

7.129.1.2 ~ExtractRequest()

```
briar::ExtractRequest::~ExtractRequest ( ) [virtual]
```

7.129.1.3 ExtractRequest() [2/2]

```
briar::ExtractRequest::ExtractRequest ( const ExtractRequest & from )
```

7.129.2 Member Function Documentation

7.129.2.1 add_detections()

```
briar::Detection * briar::ExtractRequest::add_detections ( ) [inline]
```

7.129.2.2 ByteSizeLong()

```
size_t briar::ExtractRequest::ByteSizeLong ( ) const [final]
```

7.129.2.3 Clear()

```
void briar::ExtractRequest::Clear ( ) [final]
```

7.129.2.4 clear_detect_options()

```
void briar::ExtractRequest::clear_detect_options ( )
```

7.129.2.5 clear_detections()

```
void briar::ExtractRequest::clear_detections ( )
```

7.129.2.6 clear_durations()

```
void briar::ExtractRequest::clear_durations ( )
```

7.129.2.7 clear_extract_options()

```
void briar::ExtractRequest::clear_extract_options ( )
```

7.129.2.8 clear_media()

```
void briar::ExtractRequest::clear_media ( )
```

7.129.2.9 CopyFrom() [1/2]

```
void briar::ExtractRequest::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.129.2.10 CopyFrom() [2/2]

```
void briar::ExtractRequest::CopyFrom (
    const ExtractRequest & from )
```

7.129.2.11 default_instance()

```
const ExtractRequest & briar::ExtractRequest::default_instance ( ) [static]
```

7.129.2.12 descriptor()

```
const ::google::protobuf::Descriptor * briar::ExtractRequest::descriptor ( ) [static]
```

7.129.2.13 detect_options()

```
const ::briar::DetectionOptions & briar::ExtractRequest::detect_options ( ) const [inline]
```

7.129.2.14 detections() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::ExtractRequest::detections ( ) const [inline]
```

7.129.2.15 detections() [2/2]

```
const ::briar::Detection & briar::ExtractRequest::detections ( int index ) const [inline]
```

7.129.2.16 detections_size()

```
int briar::ExtractRequest::detections_size ( ) const [inline]
```

7.129.2.17 durations()

```
const ::briar::BriarDurations & briar::ExtractRequest::durations ( ) const [inline]
```

7.129.2.18 extract_options()

```
const ::briar::ExtractOptions & briar::ExtractRequest::extract_options ( ) const [inline]
```

7.129.2.19 GetCachedSize()

```
int briar::ExtractRequest::GetCachedSize ( ) const [inline], [final]
```

7.129.2.20 GetMetadata()

```
google::protobuf::Metadata briar::ExtractRequest::GetMetadata () const [final]
```

7.129.2.21 has_detect_options()

```
bool briar::ExtractRequest::has_detect_options () const [inline]
```

7.129.2.22 has_durations()

```
bool briar::ExtractRequest::has_durations () const [inline]
```

7.129.2.23 has_extract_options()

```
bool briar::ExtractRequest::has_extract_options () const [inline]
```

7.129.2.24 has_media()

```
bool briar::ExtractRequest::has_media () const [inline]
```

7.129.2.25 InitAsDefaultInstance()

```
void briar::ExtractRequest::InitAsDefaultInstance () [static]
```

7.129.2.26 internal_default_instance()

```
static const ExtractRequest* briar::ExtractRequest::internal_default_instance () [inline],  
[static]
```

7.129.2.27 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::ExtractRequest::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.129.2.28 IsInitialized()

```
bool briar::ExtractRequest::IsInitialized () const [final]
```

7.129.2.29 media()

```
const ::briar::BriarMedia & briar::ExtractRequest::media () const [inline]
```

7.129.2.30 MergeFrom() [1/2]

```
void briar::ExtractRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.129.2.31 MergeFrom() [2/2]

```
void briar::ExtractRequest::MergeFrom (
    const ExtractRequest & from )
```

7.129.2.32 MergePartialFromCodedStream()

```
bool briar::ExtractRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.129.2.33 mutable_detect_options()

```
briar::DetectionOptions * briar::ExtractRequest::mutable_detect_options () [inline]
```

7.129.2.34 `mutable_detections()` [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::ExtractRequest::mutable_<--  
detections( ) [inline]
```

7.129.2.35 `mutable_detections()` [2/2]

```
briar::Detection * briar::ExtractRequest::mutable_detections(   
    int index ) [inline]
```

7.129.2.36 `mutable_durations()`

```
briar::BriarDurations * briar::ExtractRequest::mutable_durations( ) [inline]
```

7.129.2.37 `mutable_extract_options()`

```
briar::ExtractOptions * briar::ExtractRequest::mutable_extract_options( ) [inline]
```

7.129.2.38 `mutable_media()`

```
briar::BriarMedia * briar::ExtractRequest::mutable_media( ) [inline]
```

7.129.2.39 `New()` [1/2]

```
ExtractRequest* briar::ExtractRequest::New( ) const [inline], [final]
```

7.129.2.40 `New()` [2/2]

```
ExtractRequest* briar::ExtractRequest::New(   
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.129.2.41 operator=()

```
ExtractRequest& briar::ExtractRequest::operator= (
    const ExtractRequest & from ) [inline]
```

7.129.2.42 release_detect_options()

```
briar::DetectionOptions * briar::ExtractRequest::release_detect_options ( ) [inline]
```

7.129.2.43 release_durations()

```
briar::BriarDurations * briar::ExtractRequest::release_durations ( ) [inline]
```

7.129.2.44 release_extract_options()

```
briar::ExtractOptions * briar::ExtractRequest::release_extract_options ( ) [inline]
```

7.129.2.45 release_media()

```
briar::BriarMedia * briar::ExtractRequest::release_media ( ) [inline]
```

7.129.2.46 SerializeWithCachedSizes()

```
void briar::ExtractRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.129.2.47 set_allocated_detect_options()

```
void briar::ExtractRequest::set_allocated_detect_options (
    ::briar::DetectionOptions * detect_options ) [inline]
```

7.129.2.48 set_allocated_durations()

```
void briar::ExtractRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.129.2.49 set_allocated_extract_options()

```
void briar::ExtractRequest::set_allocated_extract_options (
    ::briar::ExtractOptions * extract_options ) [inline]
```

7.129.2.50 set_allocated_media()

```
void briar::ExtractRequest::set_allocated_media (
    ::briar::BriarMedia * media ) [inline]
```

7.129.2.51 Swap()

```
void briar::ExtractRequest::Swap (
    ExtractRequest * other )
```

7.129.3 Friends And Related Function Documentation**7.129.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.129.3.2 swap

```
void swap (
    ExtractRequest & a,
    ExtractRequest & b ) [friend]
```

7.129.4 Member Data Documentation

7.129.4.1 kDetectionsFieldNumber

```
const int briar::ExtractRequest::kDetectionsFieldNumber = 3 [static]
```

7.129.4.2 kDetectOptionsFieldNumber

```
const int briar::ExtractRequest::kDetectOptionsFieldNumber = 4 [static]
```

7.129.4.3 kDurationsFieldNumber

```
const int briar::ExtractRequest::kDurationsFieldNumber = 2 [static]
```

7.129.4.4 kExtractOptionsFieldNumber

```
const int briar::ExtractRequest::kExtractOptionsFieldNumber = 5 [static]
```

7.129.4.5 kIndexInFileMessages

```
constexpr int briar::ExtractRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
=  
27
```

7.129.4.6 kMediaFieldNumber

```
const int briar::ExtractRequest::kMediaFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.130 briar::ExtractRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< ExtractRequest > _instance

7.130.1 Member Data Documentation

7.130.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<ExtractRequest> briar::ExtractRequest<->  
DefaultTypeInternal::_instance
```

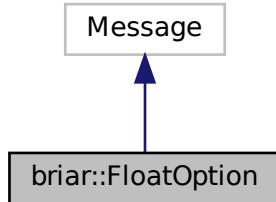
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

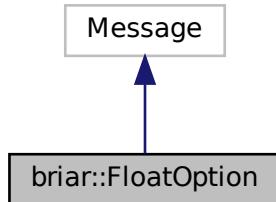
7.131 briar::FloatOption Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::FloatOption:



Collaboration diagram for briar::FloatOption:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_override_default ()`
- void `clear_value ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const FloatOption &from)`
- `FloatOption ()`
- `FloatOption (const FloatOption &from)`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const FloatOption &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `FloatOption * New () const final`
- `FloatOption * New (::google::protobuf::Arena *arena) const final`
- `FloatOption & operator= (const FloatOption &from)`
- bool `override_default () const`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_override_default (bool value)`
- void `set_value (float value)`
- void `Swap (FloatOption *other)`
- float `value () const`
- virtual `~FloatOption ()`

Static Public Member Functions

- static const `FloatOption & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `FloatOption * internal_default_instance ()`

Static Public Attributes

- static constexpr int `kIndexInFileMessages`
- static const int `kOverrideDefaultFieldNumber = 1`
- static const int `kValueFieldNumber = 2`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (FloatOption &a, FloatOption &b)`

7.131.1 Constructor & Destructor Documentation

7.131.1.1 `FloatOption()` [1/2]

```
briar::FloatOption::FloatOption ( )
```

7.131.1.2 `~FloatOption()`

```
briar::FloatOption::~FloatOption ( ) [virtual]
```

7.131.1.3 `FloatOption()` [2/2]

```
briar::FloatOption::FloatOption (
    const FloatOption & from )
```

7.131.2 Member Function Documentation

7.131.2.1 `ByteSizeLong()`

```
size_t briar::FloatOption::ByteSizeLong ( ) const [final]
```

7.131.2.2 `Clear()`

```
void briar::FloatOption::Clear ( ) [final]
```

7.131.2.3 `clear_override_default()`

```
void briar::FloatOption::clear_override_default ( ) [inline]
```

7.131.2.4 `clear_value()`

```
void briar::FloatOption::clear_value ( ) [inline]
```

7.131.2.5 CopyFrom() [1/2]

```
void briar::FloatOption::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.131.2.6 CopyFrom() [2/2]

```
void briar::FloatOption::CopyFrom (
    const FloatOption & from)
```

7.131.2.7 default_instance()

```
const FloatOption & briar::FloatOption::default_instance () [static]
```

7.131.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::FloatOption::descriptor () [static]
```

7.131.2.9 GetCachedSize()

```
int briar::FloatOption::GetCachedSize () const [inline], [final]
```

7.131.2.10 GetMetadata()

```
google::protobuf::Metadata briar::FloatOption::GetMetadata () const [final]
```

7.131.2.11 InitAsDefaultInstance()

```
void briar::FloatOption::InitAsDefaultInstance () [static]
```

7.131.2.12 internal_default_instance()

```
static const FloatOption* briar::FloatOption::internal_default_instance ( ) [inline], [static]
```

7.131.2.13 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::FloatOption::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.131.2.14 IsInitialized()

```
bool briar::FloatOption::IsInitialized ( ) const [final]
```

7.131.2.15 MergeFrom() [1/2]

```
void briar::FloatOption::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.131.2.16 MergeFrom() [2/2]

```
void briar::FloatOption::MergeFrom (   
    const FloatOption & from )
```

7.131.2.17 MergePartialFromCodedStream()

```
bool briar::FloatOption::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.131.2.18 New() [1/2]

```
FloatOption* briar::FloatOption::New ( ) const [inline], [final]
```

7.131.2.19 New() [2/2]

```
FloatOption* briar::FloatOption::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.131.2.20 operator=()

```
FloatOption& briar::FloatOption::operator= (
    const FloatOption & from ) [inline]
```

7.131.2.21 override_default()

```
bool briar::FloatOption::override_default ( ) const [inline]
```

7.131.2.22 SerializeWithCachedSizes()

```
void briar::FloatOption::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.131.2.23 set_override_default()

```
void briar::FloatOption::set_override_default (
    bool value ) [inline]
```

7.131.2.24 set_value()

```
void briar::FloatOption::set_value (
    float value ) [inline]
```

7.131.2.25 Swap()

```
void briar::FloatOption::Swap (
    FloatOption * other )
```

7.131.2.26 value()

```
float briar::FloatOption::value ( ) const [inline]
```

7.131.3 Friends And Related Function Documentation

7.131.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.131.3.2 swap

```
void swap (
    FloatOption & a,
    FloatOption & b ) [friend]
```

7.131.4 Member Data Documentation

7.131.4.1 kIndexInFileMessages

```
constexpr int briar::FloatOption::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 4
```

7.131.4.2 kOverrideDefaultFieldNumber

```
const int briar::FloatOption::kOverrideDefaultFieldNumber = 1 [static]
```

7.131.4.3 kValueFieldNumber

```
const int briar::FloatOption::kValueFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.132 briar::FloatOptionDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [FloatOption](#) > `_instance`

7.132.1 Member Data Documentation

7.132.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<FloatOption> briar::FloatOptionDefault←  
TypeInternal::__instance
```

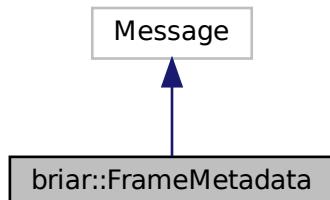
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

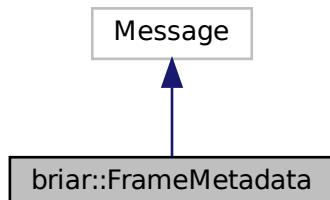
7.133 briar::FrameMetadata Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::FrameMetadata:



Collaboration diagram for briar::FrameMetadata:



Public Member Functions

- `::briar::Attribute * add_attributes ()`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & attributes () const`
- `const ::briar::Attribute & attributes (int index) const`
- `int attributes_size () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_attributes ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const FrameMetadata &from)`
- `FrameMetadata ()`
- `FrameMetadata (const FrameMetadata &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const FrameMetadata &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::briar::Attribute > * mutable_attributes ()`
- `::briar::Attribute * mutable_attributes (int index)`
- `FrameMetadata * New () const final`
- `FrameMetadata * New (::google::protobuf::Arena *arena) const final`
- `FrameMetadata & operator= (const FrameMetadata &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void Swap (FrameMetadata *other)`
- `virtual ~FrameMetadata ()`

Static Public Member Functions

- `static const FrameMetadata & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const FrameMetadata * internal_default_instance ()`

Static Public Attributes

- `static const int kAttributesFieldNumber = 1`
- `static constexpr int kIndexInFileMessages`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- `void swap (FrameMetadata &a, FrameMetadata &b)`

7.133.1 Constructor & Destructor Documentation

7.133.1.1 FrameMetadata() [1/2]

```
briar::FrameMetadata::FrameMetadata ( )
```

7.133.1.2 ~FrameMetadata()

```
briar::FrameMetadata::~FrameMetadata ( ) [virtual]
```

7.133.1.3 FrameMetadata() [2/2]

```
briar::FrameMetadata::FrameMetadata (
    const FrameMetadata & from )
```

7.133.2 Member Function Documentation

7.133.2.1 add_attributes()

```
briar::Attribute * briar::FrameMetadata::add_attributes ( ) [inline]
```

7.133.2.2 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::FrameMetadata::attributes
( ) const [inline]
```

7.133.2.3 attributes() [2/2]

```
const ::briar::Attribute & briar::FrameMetadata::attributes (
    int index ) const [inline]
```

7.133.2.4 attributes_size()

```
int briar::FrameMetadata::attributes_size ( ) const [inline]
```

7.133.2.5 **ByteSizeLong()**

```
size_t briar::FrameMetadata::ByteSizeLong ( ) const [final]
```

7.133.2.6 **Clear()**

```
void briar::FrameMetadata::Clear ( ) [final]
```

7.133.2.7 **clear_attributes()**

```
void briar::FrameMetadata::clear_attributes ( ) [inline]
```

7.133.2.8 **CopyFrom() [1/2]**

```
void briar::FrameMetadata::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.133.2.9 **CopyFrom() [2/2]**

```
void briar::FrameMetadata::CopyFrom (
    const FrameMetadata & from )
```

7.133.2.10 **default_instance()**

```
const FrameMetadata & briar::FrameMetadata::default_instance ( ) [static]
```

7.133.2.11 **descriptor()**

```
const ::google::protobuf::Descriptor * briar::FrameMetadata::descriptor ( ) [static]
```

7.133.2.12 GetCachedSize()

```
int briar::FrameMetadata::GetCachedSize ( ) const [inline], [final]
```

7.133.2.13 GetMetadata()

```
google::protobuf::Metadata briar::FrameMetadata::GetMetadata ( ) const [final]
```

7.133.2.14 InitAsDefaultInstance()

```
void briar::FrameMetadata::InitAsDefaultInstance ( ) [static]
```

7.133.2.15 internal_default_instance()

```
static const FrameMetadata* briar::FrameMetadata::internal_default_instance ( ) [inline],  
[static]
```

7.133.2.16 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::FrameMetadata::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.133.2.17 IsInitialized()

```
bool briar::FrameMetadata::IsInitialized ( ) const [final]
```

7.133.2.18 MergeFrom() [1/2]

```
void briar::FrameMetadata::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.133.2.19 MergeFrom() [2/2]

```
void briar::FrameMetadata::MergeFrom (
    const FrameMetadata & from )
```

7.133.2.20 MergePartialFromCodedStream()

```
bool briar::FrameMetadata::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.133.2.21 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::FrameMetadata::mutable_attributes ( ) [inline]
```

7.133.2.22 mutable_attributes() [2/2]

```
briar::Attribute * briar::FrameMetadata::mutable_attributes (
    int index ) [inline]
```

7.133.2.23 New() [1/2]

```
FrameMetadata* briar::FrameMetadata::New ( ) const [inline], [final]
```

7.133.2.24 New() [2/2]

```
FrameMetadata* briar::FrameMetadata::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.133.2.25 operator=()

```
FrameMetadata& briar::FrameMetadata::operator= (
    const FrameMetadata & from ) [inline]
```

7.133.2.26 SerializeWithCachedSizes()

```
void briar::FrameMetadata::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.133.2.27 Swap()

```
void briar::FrameMetadata::Swap (
    FrameMetadata * other )
```

7.133.3 Friends And Related Function Documentation**7.133.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.133.3.2 swap

```
void swap (
    FrameMetadata & a,
    FrameMetadata & b ) [friend]
```

7.133.4 Member Data Documentation**7.133.4.1 kAttributesFieldNumber**

```
const int briar::FrameMetadata::kAttributesFieldNumber = 1 [static]
```

7.133.4.2 kIndexInFileMessages

```
constexpr int briar::FrameMetadata::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 17
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.134 briar::FrameMetadataDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[FrameMetadata](#)> `_instance`

7.134.1 Member Data Documentation

7.134.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed<FrameMetadata> briar::FrameMetadataDefaultTypeInternal::_instance`

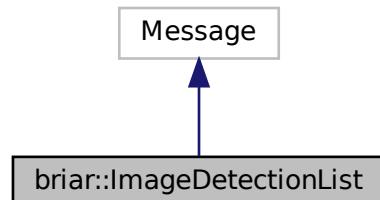
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

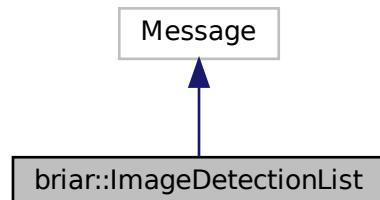
7.135 briar::ImageDetectionList Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::ImageDetectionList:



Collaboration diagram for briar::ImageDetectionList:



Public Member Functions

- `::briar::Detection * add_detections ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_detection_count ()`
- `void clear_detection_duration ()`
- `void clear_detections ()`
- `void clear_image_height ()`
- `void clear_image_width ()`
- `void clear_options ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const ImageDetectionList &from)`
- `::google::protobuf::int32 detection_count () const`
- `float detection_duration () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Detection > & detections () const`
- `const ::briar::Detection & detections (int index) const`
- `int detections_size () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_options () const`
- `::google::protobuf::int32 image_height () const`
- `::google::protobuf::int32 image_width () const`
- `ImageDetectionList ()`
- `ImageDetectionList (const ImageDetectionList &from)`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const ImageDetectionList &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::briar::Detection > * mutable_detections ()`
- `::briar::Detection * mutable_detections (int index)`
- `::briar::DetectionOptions * mutable_options ()`
- `ImageDetectionList * New () const final`
- `ImageDetectionList * New (::google::protobuf::Arena *arena) const final`
- `ImageDetectionList & operator= (const ImageDetectionList &from)`
- `const ::briar::DetectionOptions & options () const`
- `::briar::DetectionOptions * release_options ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_options (::briar::DetectionOptions *options)`
- `void set_detection_count (::google::protobuf::int32 value)`
- `void set_detection_duration (float value)`
- `void set_image_height (::google::protobuf::int32 value)`
- `void set_image_width (::google::protobuf::int32 value)`
- `void Swap (ImageDetectionList *other)`
- `virtual ~ImageDetectionList ()`

Static Public Member Functions

- `static const ImageDetectionList & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const ImageDetectionList * internal_default_instance ()`

Static Public Attributes

- static const int `kDetectionCountFieldNumber` = 5
- static const int `kDetectionDurationFieldNumber` = 2
- static const int `kDetectionsFieldNumber` = 1
- static const int `kImageHeightFieldNumber` = 4
- static const int `kImageWidthFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`
- static const int `kOptionsFieldNumber` = 6

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap` (`ImageDetectionList` &`a`, `ImageDetectionList` &`b`)

7.135.1 Constructor & Destructor Documentation

7.135.1.1 `ImageDetectionList()` [1/2]

```
briar::ImageDetectionList::ImageDetectionList ( )
```

7.135.1.2 `~ImageDetectionList()`

```
briar::ImageDetectionList::~ImageDetectionList ( ) [virtual]
```

7.135.1.3 `ImageDetectionList()` [2/2]

```
briar::ImageDetectionList::ImageDetectionList (
    const ImageDetectionList & from )
```

7.135.2 Member Function Documentation

7.135.2.1 `add_detections()`

```
briar::Detection * briar::ImageDetectionList::add_detections ( ) [inline]
```

7.135.2.2 ByteSizeLong()

```
size_t briar::ImageDetectionList::ByteSizeLong ( ) const [final]
```

7.135.2.3 Clear()

```
void briar::ImageDetectionList::Clear ( ) [final]
```

7.135.2.4 clear_detection_count()

```
void briar::ImageDetectionList::clear_detection_count ( ) [inline]
```

7.135.2.5 clear_detection_duration()

```
void briar::ImageDetectionList::clear_detection_duration ( ) [inline]
```

7.135.2.6 clear_detections()

```
void briar::ImageDetectionList::clear_detections ( ) [inline]
```

7.135.2.7 clear_image_height()

```
void briar::ImageDetectionList::clear_image_height ( ) [inline]
```

7.135.2.8 clear_image_width()

```
void briar::ImageDetectionList::clear_image_width ( ) [inline]
```

7.135.2.9 clear_options()

```
void briar::ImageDetectionList::clear_options ( ) [inline]
```

7.135.2.10 CopyFrom() [1/2]

```
void briar::ImageDetectionList::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.135.2.11 CopyFrom() [2/2]

```
void briar::ImageDetectionList::CopyFrom (
    const ImageDetectionList & from )
```

7.135.2.12 default_instance()

```
const ImageDetectionList & briar::ImageDetectionList::default_instance () [static]
```

7.135.2.13 descriptor()

```
const ::google::protobuf::Descriptor * briar::ImageDetectionList::descriptor () [static]
```

7.135.2.14 detection_count()

```
google::protobuf::int32 briar::ImageDetectionList::detection_count () const [inline]
```

7.135.2.15 detection_duration()

```
float briar::ImageDetectionList::detection_duration () const [inline]
```

7.135.2.16 detections() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::ImageDetectionList::detections () const [inline]
```

7.135.2.17 detections() [2/2]

```
const ::briar::Detection & briar::ImageDetectionList::detections (
    int index ) const [inline]
```

7.135.2.18 detections_size()

```
int briar::ImageDetectionList::detections_size () const [inline]
```

7.135.2.19 GetCachedSize()

```
int briar::ImageDetectionList::GetCachedSize () const [inline], [final]
```

7.135.2.20 GetMetadata()

```
google::protobuf::Metadata briar::ImageDetectionList::GetMetadata () const [final]
```

7.135.2.21 has_options()

```
bool briar::ImageDetectionList::has_options () const [inline]
```

7.135.2.22 image_height()

```
google::protobuf::int32 briar::ImageDetectionList::image_height () const [inline]
```

7.135.2.23 image_width()

```
google::protobuf::int32 briar::ImageDetectionList::image_width () const [inline]
```

7.135.2.24 InitAsDefaultInstance()

```
void briar::ImageDetectionList::InitAsDefaultInstance ( ) [static]
```

7.135.2.25 internal_default_instance()

```
static const ImageDetectionList* briar::ImageDetectionList::internal_default_instance ( )
[inline], [static]
```

7.135.2.26 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::ImageDetectionList::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.135.2.27 IsInitialized()

```
bool briar::ImageDetectionList::IsInitialized ( ) const [final]
```

7.135.2.28 MergeFrom() [1/2]

```
void briar::ImageDetectionList::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.135.2.29 MergeFrom() [2/2]

```
void briar::ImageDetectionList::MergeFrom (
    const ImageDetectionList & from )
```

7.135.2.30 MergePartialFromCodedStream()

```
bool briar::ImageDetectionList::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.135.2.31 mutable_detections() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::ImageDetectionList::mutable_detections () [inline]
```

7.135.2.32 mutable_detections() [2/2]

```
briar::Detection * briar::ImageDetectionList::mutable_detections ( int index ) [inline]
```

7.135.2.33 mutable_options()

```
briar::DetectionOptions * briar::ImageDetectionList::mutable_options () [inline]
```

7.135.2.34 New() [1/2]

```
ImageDetectionList* briar::ImageDetectionList::New () const [inline], [final]
```

7.135.2.35 New() [2/2]

```
ImageDetectionList* briar::ImageDetectionList::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.135.2.36 operator=()

```
ImageDetectionList& briar::ImageDetectionList::operator= ( const ImageDetectionList & from ) [inline]
```

7.135.2.37 options()

```
const ::briar::DetectionOptions & briar::ImageDetectionList::options () const [inline]
```

7.135.2.38 release_options()

```
briar::DetectionOptions * briar::ImageDetectionList::release_options ( ) [inline]
```

7.135.2.39 SerializeWithCachedSizes()

```
void briar::ImageDetectionList::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.135.2.40 set_allocated_options()

```
void briar::ImageDetectionList::set_allocated_options (
    ::briar::DetectionOptions * options ) [inline]
```

7.135.2.41 set_detection_count()

```
void briar::ImageDetectionList::set_detection_count (
    ::google::protobuf::int32 value ) [inline]
```

7.135.2.42 set_detection_duration()

```
void briar::ImageDetectionList::set_detection_duration (
    float value ) [inline]
```

7.135.2.43 set_image_height()

```
void briar::ImageDetectionList::set_image_height (
    ::google::protobuf::int32 value ) [inline]
```

7.135.2.44 set_image_width()

```
void briar::ImageDetectionList::set_image_width (
    ::google::protobuf::int32 value ) [inline]
```

7.135.2.45 Swap()

```
void briar::ImageDetectionList::Swap (
    ImageDetectionList * other )
```

7.135.3 Friends And Related Function Documentation

7.135.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.135.3.2 swap

```
void swap (
    ImageDetectionList & a,
    ImageDetectionList & b ) [friend]
```

7.135.4 Member Data Documentation

7.135.4.1 kDetectionCountFieldNumber

```
const int briar::ImageDetectionList::kDetectionCountFieldNumber = 5 [static]
```

7.135.4.2 kDetectionDurationFieldNumber

```
const int briar::ImageDetectionList::kDetectionDurationFieldNumber = 2 [static]
```

7.135.4.3 kDetectionsFieldNumber

```
const int briar::ImageDetectionList::kDetectionsFieldNumber = 1 [static]
```

7.135.4.4 kImageHeightFieldNumber

```
const int briar::ImageDetectionList::kImageHeightFieldNumber = 4 [static]
```

7.135.4.5 kImageWidthFieldNumber

```
const int briar::ImageDetectionList::kImageWidthFieldNumber = 3 [static]
```

7.135.4.6 kIndexInFileMessages

```
constexpr int briar::ImageDetectionList::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 24
```

7.135.4.7 kOptionsFieldNumber

```
const int briar::ImageDetectionList::kOptionsFieldNumber = 6 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.136 briar::ImageDetectionListDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [ImageDetectionList](#) > [_instance](#)

7.136.1 Member Data Documentation

7.136.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed< ImageDetectionList > briar::ImageDetectionListDefaultTypeInternal::\_instance
```

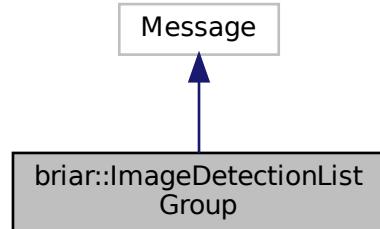
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

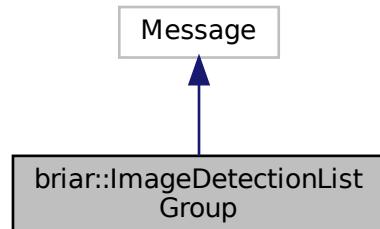
7.137 briar::ImageDetectionListGroup Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::ImageDetectionListGroup:



Collaboration diagram for briar::ImageDetectionListGroup:



Public Member Functions

- `::briar::ImageDetectionList * add_group ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_group ()`
- `void clear_length ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const ImageDetectionListGroup &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `const ::google::protobuf::RepeatedPtrField< ::briar::ImageDetectionList > & group () const`
- `const ::briar::ImageDetectionList & group (int index) const`
- `int group_size () const`

- `ImageDetectionListGroup ()`
- `ImageDetectionListGroup (const ImageDetectionListGroup &from)`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `::google::protobuf::int32 length () const`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const ImageDetectionListGroup &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::briar::ImageDetectionList > * mutable_group ()`
- `::briar::ImageDetectionList * mutable_group (int index)`
- `ImageDetectionListGroup * New () const final`
- `ImageDetectionListGroup * New (::google::protobuf::Arena *arena) const final`
- `ImageDetectionListGroup & operator= (const ImageDetectionListGroup &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_length (::google::protobuf::int32 value)`
- `void Swap (ImageDetectionListGroup *other)`
- `virtual ~ImageDetectionListGroup ()`

Static Public Member Functions

- `static const ImageDetectionListGroup & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const ImageDetectionListGroup * internal_default_instance ()`

Static Public Attributes

- `static const int kGroupFieldNumber = 1`
- `static constexpr int kIndexInFileMessages`
- `static const int kLengthFieldNumber = 2`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- `void swap (ImageDetectionListGroup &a, ImageDetectionListGroup &b)`

7.137.1 Constructor & Destructor Documentation

7.137.1.1 ImageDetectionListGroup() [1/2]

```
briar::ImageDetectionListGroup::ImageDetectionListGroup ( )
```

7.137.1.2 ~ImageDetectionListGroup()

```
briar::ImageDetectionListGroup::~ImageDetectionListGroup ( ) [virtual]
```

7.137.1.3 ImageDetectionListGroup() [2/2]

```
briar::ImageDetectionListGroup::ImageDetectionListGroup (
    const ImageDetectionListGroup & from )
```

7.137.2 Member Function Documentation

7.137.2.1 add_group()

```
briar::ImageDetectionList * briar::ImageDetectionListGroup::add_group ( ) [inline]
```

7.137.2.2 ByteSizeLong()

```
size_t briar::ImageDetectionListGroup::ByteSizeLong ( ) const [final]
```

7.137.2.3 Clear()

```
void briar::ImageDetectionListGroup::Clear ( ) [final]
```

7.137.2.4 clear_group()

```
void briar::ImageDetectionListGroup::clear_group ( ) [inline]
```

7.137.2.5 clear_length()

```
void briar::ImageDetectionListGroup::clear_length ( ) [inline]
```

7.137.2.6 CopyFrom() [1/2]

```
void briar::ImageDetectionListGroup::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.137.2.7 CopyFrom() [2/2]

```
void briar::ImageDetectionListGroup::CopyFrom (
    const ImageDetectionListGroup & from)
```

7.137.2.8 default_instance()

```
const ImageDetectionListGroup & briar::ImageDetectionListGroup::default_instance () [static]
```

7.137.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::ImageDetectionListGroup::descriptor () [static]
```

7.137.2.10 GetCachedSize()

```
int briar::ImageDetectionListGroup::GetCachedSize () const [inline], [final]
```

7.137.2.11 GetMetadata()

```
google::protobuf::Metadata briar::ImageDetectionListGroup::GetMetadata () const [final]
```

7.137.2.12 group() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::ImageDetectionList> & briar::ImageDetectionListGroup::group () const [inline]
```

7.137.2.13 group() [2/2]

```
const ::briar::ImageDetectionList & briar::ImageDetectionListGroup::group (
    int index ) const [inline]
```

7.137.2.14 group_size()

```
int briar::ImageDetectionListGroup::group_size ( ) const [inline]
```

7.137.2.15 InitAsDefaultInstance()

```
void briar::ImageDetectionListGroup::InitAsDefaultInstance ( ) [static]
```

7.137.2.16 internal_default_instance()

```
static const ImageDetectionListGroup* briar::ImageDetectionListGroup::internal_default_←
instance ( ) [inline], [static]
```

7.137.2.17 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::ImageDetectionListGroup::InternalSerializeWithCachedSizesTo←
Array (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.137.2.18 IsInitialized()

```
bool briar::ImageDetectionListGroup::IsInitialized ( ) const [final]
```

7.137.2.19 length()

```
google::protobuf::int32 briar::ImageDetectionListGroup::length ( ) const [inline]
```

7.137.2.20 MergeFrom() [1/2]

```
void briar::ImageDetectionListGroup::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.137.2.21 MergeFrom() [2/2]

```
void briar::ImageDetectionListGroup::MergeFrom (
    const ImageDetectionListGroup & from )
```

7.137.2.22 MergePartialFromCodedStream()

```
bool briar::ImageDetectionListGroup::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.137.2.23 mutable_group() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::ImageDetectionList> * briar::ImageDetectionListGroup::mutable_group ( ) [inline]
```

7.137.2.24 mutable_group() [2/2]

```
briar::ImageDetectionList * briar::ImageDetectionListGroup::mutable_group (
    int index ) [inline]
```

7.137.2.25 New() [1/2]

```
ImageDetectionListGroup* briar::ImageDetectionListGroup::New ( ) const [inline], [final]
```

7.137.2.26 New() [2/2]

```
ImageDetectionListGroup* briar::ImageDetectionListGroup::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.137.2.27 operator=()

```
ImageDetectionListGroup& briar::ImageDetectionListGroup::operator= (
    const ImageDetectionListGroup & from ) [inline]
```

7.137.2.28 SerializeWithCachedSizes()

```
void briar::ImageDetectionListGroup::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.137.2.29 set_length()

```
void briar::ImageDetectionListGroup::set_length (
    ::google::protobuf::int32 value ) [inline]
```

7.137.2.30 Swap()

```
void briar::ImageDetectionListGroup::Swap (
    ImageDetectionListGroup * other )
```

7.137.3 Friends And Related Function Documentation

7.137.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.137.3.2 swap

```
void swap (
    ImageDetectionListGroup & a,
    ImageDetectionListGroup & b ) [friend]
```

7.137.4 Member Data Documentation

7.137.4.1 kGroupFieldNumber

```
const int briar::ImageDetectionListGroup::kGroupFieldNumber = 1 [static]
```

7.137.4.2 kIndexInFileMessages

```
constexpr int briar::ImageDetectionListGroup::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 25
```

7.137.4.3 kLengthFieldNumber

```
const int briar::ImageDetectionListGroup::kLengthFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.138 briar::ImageDetectionListGroupDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [ImageDetectionListGroup](#) > [_instance](#)

7.138.1 Member Data Documentation

7.138.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed< ImageDetectionListGroup > briar::ImageDetectionListGroupDefaultTypeInternal::_instance
```

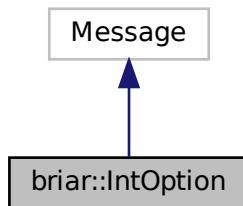
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

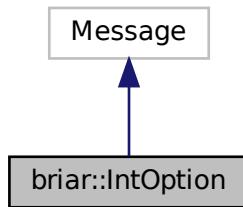
7.139 briar::IntOption Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::IntOption:



Collaboration diagram for briar::IntOption:



Public Member Functions

- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [clear_override_default \(\)](#)
- void [clear_value \(\)](#)
- void [CopyFrom \(const ::google::protobuf::Message &from\) final](#)
- void [CopyFrom \(const IntOption &from\)](#)
- int [GetCachedSize \(\) const final](#)
- ::google::protobuf::Metadata [GetMetadata \(\) const final](#)
- ::google::protobuf::uint8 * [InternalSerializeWithCachedSizesToArray \(bool deterministic, ::google::protobuf::uint8 *target\) const final](#)
- [IntOption \(\)](#)
- [IntOption \(const IntOption &from\)](#)
- bool [IsInitialized \(\) const final](#)
- void [MergeFrom \(const ::google::protobuf::Message &from\) final](#)

- void `MergeFrom` (const `IntOption` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- `IntOption` * `New` () const final
- `IntOption` * `New` (::google::protobuf::Arena *arena) const final
- `IntOption` & `operator=` (const `IntOption` &from)
- bool `override_default` () const
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_override_default` (bool value)
- void `set_value` (::google::protobuf::int64 value)
- void `Swap` (`IntOption` *other)
- ::google::protobuf::int64 `value` () const
- virtual `~IntOption` ()

Static Public Member Functions

- static const `IntOption` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `IntOption` * `internal_default_instance` ()

Static Public Attributes

- static constexpr int `kIndexInFileMessages`
- static const int `kOverrideDefaultFieldNumber` = 1
- static const int `kValueFieldNumber` = 2

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void `swap` (`IntOption` &a, `IntOption` &b)

7.139.1 Constructor & Destructor Documentation

7.139.1.1 `IntOption()` [1/2]

```
briar::IntOption::IntOption ( )
```

7.139.1.2 `~IntOption()`

```
briar::IntOption::~IntOption ( ) [virtual]
```

7.139.1.3 IntOption() [2/2]

```
briar::IntOption::IntOption (
    const IntOption & from )
```

7.139.2 Member Function Documentation

7.139.2.1 ByteSizeLong()

```
size_t briar::IntOption::ByteSizeLong ( ) const [final]
```

7.139.2.2 Clear()

```
void briar::IntOption::Clear ( ) [final]
```

7.139.2.3 clear_override_default()

```
void briar::IntOption::clear_override_default ( ) [inline]
```

7.139.2.4 clear_value()

```
void briar::IntOption::clear_value ( ) [inline]
```

7.139.2.5 CopyFrom() [1/2]

```
void briar::IntOption::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.139.2.6 CopyFrom() [2/2]

```
void briar::IntOption::CopyFrom (
    const IntOption & from )
```

7.139.2.7 `default_instance()`

```
const IntOption & briar::IntOption::default_instance ( ) [static]
```

7.139.2.8 `descriptor()`

```
const ::google::protobuf::Descriptor * briar::IntOption::descriptor ( ) [static]
```

7.139.2.9 `GetCachedSize()`

```
int briar::IntOption::GetCachedSize ( ) const [inline], [final]
```

7.139.2.10 `GetMetadata()`

```
google::protobuf::Metadata briar::IntOption::GetMetadata ( ) const [final]
```

7.139.2.11 `InitAsDefaultInstance()`

```
void briar::IntOption::InitAsDefaultInstance ( ) [static]
```

7.139.2.12 `internal_default_instance()`

```
static const IntOption* briar::IntOption::internal_default_instance ( ) [inline], [static]
```

7.139.2.13 `InternalSerializeWithCachedSizesToArray()`

```
google::protobuf::uint8 * briar::IntOption::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.139.2.14 IsInitialized()

```
bool briar::IntOption::IsInitialized ( ) const [final]
```

7.139.2.15 MergeFrom() [1/2]

```
void briar::IntOption::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.139.2.16 MergeFrom() [2/2]

```
void briar::IntOption::MergeFrom (
    const IntOption & from )
```

7.139.2.17 MergePartialFromCodedStream()

```
bool briar::IntOption::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.139.2.18 New() [1/2]

```
IntOption* briar::IntOption::New ( ) const [inline], [final]
```

7.139.2.19 New() [2/2]

```
IntOption* briar::IntOption::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.139.2.20 operator=()

```
IntOption& briar::IntOption::operator= (
    const IntOption & from ) [inline]
```

7.139.2.21 `override_default()`

```
bool briar::IntOption::override_default ( ) const [inline]
```

7.139.2.22 `SerializeWithCachedSizes()`

```
void briar::IntOption::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.139.2.23 `set_override_default()`

```
void briar::IntOption::set_override_default (
    bool value ) [inline]
```

7.139.2.24 `set_value()`

```
void briar::IntOption::set_value (
    ::google::protobuf::int64 value ) [inline]
```

7.139.2.25 `Swap()`

```
void briar::IntOption::Swap (
    IntOption * other )
```

7.139.2.26 `value()`

```
google::protobuf::int64 briar::IntOption::value ( ) const [inline]
```

7.139.3 Friends And Related Function Documentation

7.139.3.1 `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.139.3.2 swap

```
void swap (
    IntOption & a,
    IntOption & b ) [friend]
```

7.139.4 Member Data Documentation

7.139.4.1 kIndexInFileMessages

```
constexpr int briar::IntOption::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 3
```

7.139.4.2 kOverrideDefaultFieldNumber

```
const int briar::IntOption::kOverrideDefaultFieldNumber = 1 [static]
```

7.139.4.3 kValueFieldNumber

```
const int briar::IntOption::kValueFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.140 briar::IntOptionDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [IntOption](#) > [_instance](#)

7.140.1 Member Data Documentation

7.140.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<IntOption> briar::IntOptionDefaultType<→
Internal::_instance
```

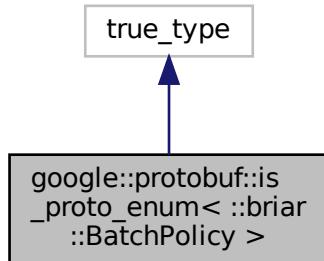
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

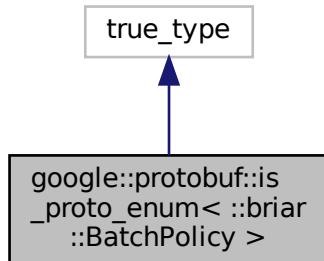
7.141 `google::protobuf::is_proto_enum< ::briar::BatchPolicy >` Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for `google::protobuf::is_proto_enum< ::briar::BatchPolicy >`:



Collaboration diagram for `google::protobuf::is_proto_enum< ::briar::BatchPolicy >`:



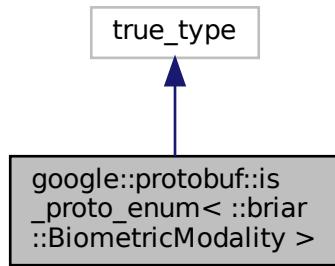
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

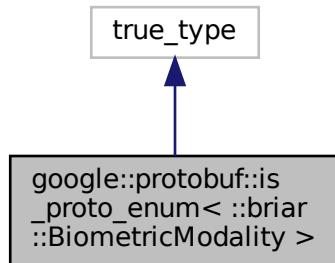
7.142 google::protobuf::is_proto_enum< ::briar::BiometricModality > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::BiometricModality >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::BiometricModality >:



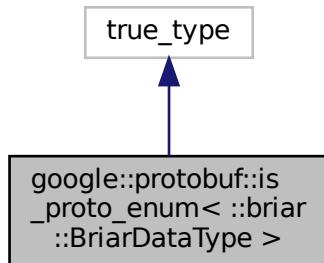
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h

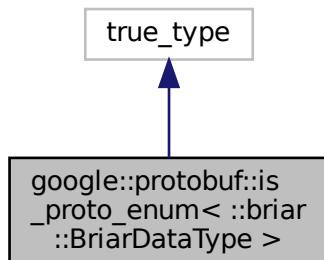
7.143 google::protobuf::is_proto_enum< ::briar::BriarDataType > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::BriarDataType >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::BriarDataType >:



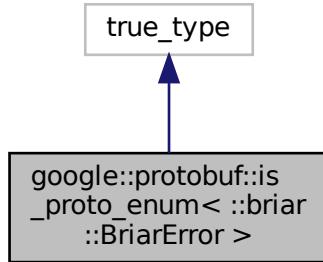
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

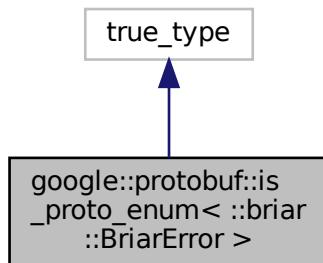
7.144 google::protobuf::is_proto_enum< ::briar::BriarError > Struct Reference

```
#include <briar_error.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::BriarError >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::BriarError >:



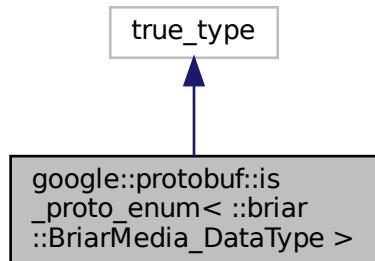
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_error.pb.h](#)

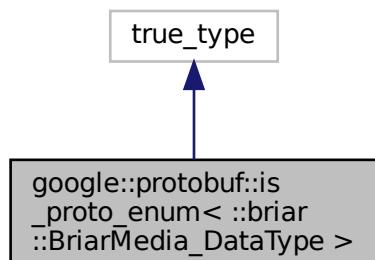
7.145 google::protobuf::is_proto_enum< ::briar::BriarMedia_DataType > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::BriarMedia_DataType >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::BriarMedia_DataType >:



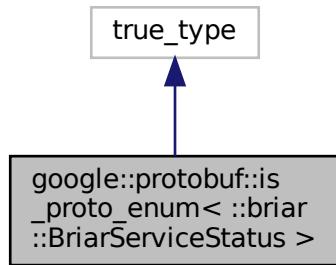
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

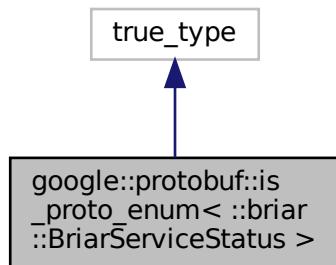
7.146 google::protobuf::is_proto_enum< ::briar::BriarServiceStatus > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::BriarServiceStatus >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::BriarServiceStatus >:



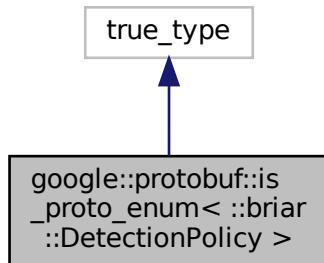
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

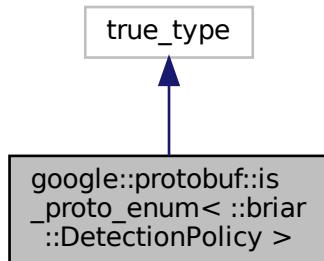
7.147 google::protobuf::is_proto_enum< ::briar::DetectionPolicy > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::DetectionPolicy >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::DetectionPolicy >:



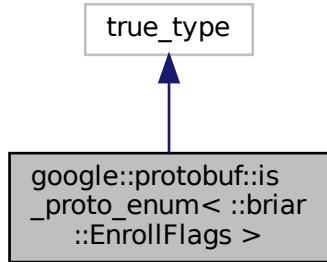
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

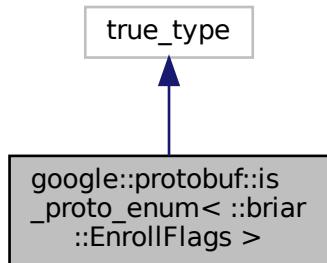
7.148 google::protobuf::is_proto_enum< ::briar::EnrollFlags > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::EnrollFlags >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::EnrollFlags >:



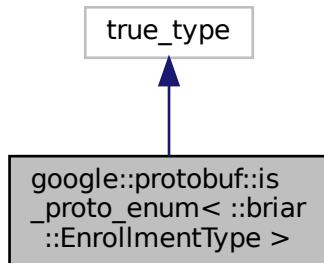
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h

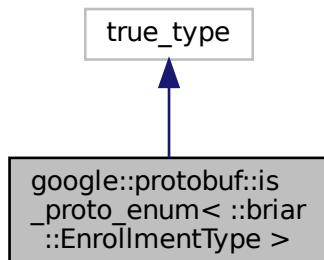
7.149 google::protobuf::is_proto_enum< ::briar::EnrollmentType > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::EnrollmentType >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::EnrollmentType >:



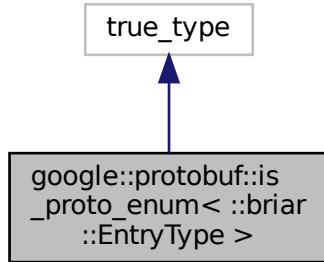
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

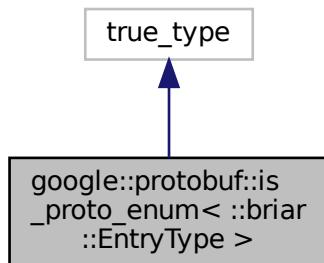
7.150 google::protobuf::is_proto_enum< ::briar::EntryType > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::EntryType >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::EntryType >:



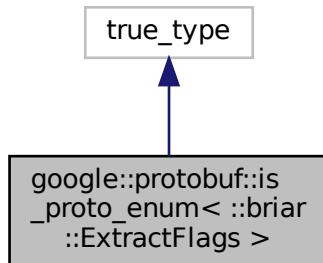
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

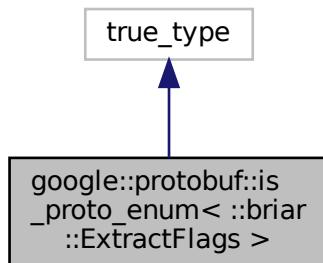
7.151 google::protobuf::is_proto_enum< ::briar::ExtractFlags > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::ExtractFlags >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::ExtractFlags >:



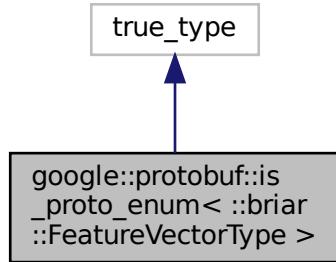
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

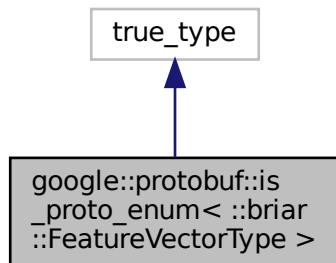
7.152 google::protobuf::is_proto_enum< ::briar::FeatureVectorType > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::FeatureVectorType >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::FeatureVectorType >:



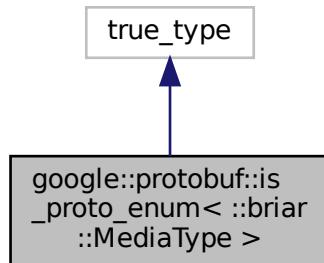
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

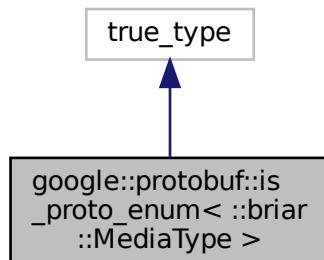
7.153 google::protobuf::is_proto_enum< ::briar::MediaType > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::MediaType >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::MediaType >:



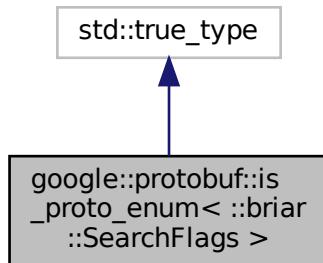
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h

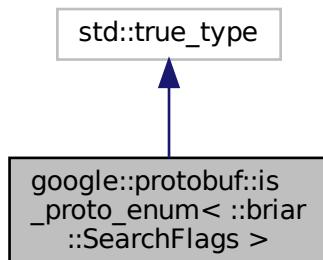
7.154 google::protobuf::is_proto_enum< ::briar::SearchFlags > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::SearchFlags >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::SearchFlags >:



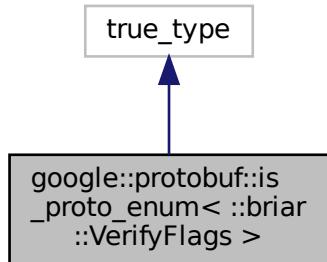
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h

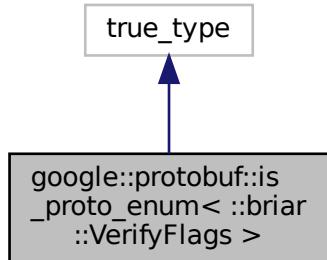
7.155 google::protobuf::is_proto_enum< ::briar::VerifyFlags > Struct Reference

```
#include <briar.pb.h>
```

Inheritance diagram for google::protobuf::is_proto_enum< ::briar::VerifyFlags >:



Collaboration diagram for google::protobuf::is_proto_enum< ::briar::VerifyFlags >:



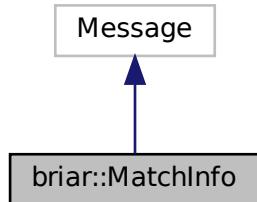
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

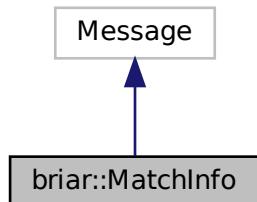
7.156 briar::MatchInfo Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::MatchInfo:



Collaboration diagram for briar::MatchInfo:



Public Member Functions

- const ::briar::BriarMedia & `body` () const
- size_t `ByteSizeLong` () const final
- void `Clear` () final
- void `clear_body` ()
- void `clear_face` ()
- void `clear_gate` ()
- void `clear_media_id` ()
- void `clear_probe_id` ()
- void `clear_record` ()
- void `clear_reference_id` ()
- void `clear_score` ()
- void `clear_subject_id` ()
- void `clear_subject_name` ()
- void `clear_verification_id` ()
- void `CopyFrom` (const ::google::protobuf::Message &from) final
- void `CopyFrom` (const `MatchInfo` &from)
- const ::briar::BriarMedia & `face` () const
- const ::briar::BriarMedia & `gate` () const
- int `GetCachedSize` () const final

- ::google::protobuf::Metadata [GetMetadata](#) () const final
- bool [has_body](#) () const
- bool [has_face](#) () const
- bool [has_gate](#) () const
- bool [has_record](#) () const
- ::google::protobuf::uint8 * [InternalSerializeWithCachedSizesToArray](#) (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool [IsInitialized](#) () const final
- [MatchInfo](#) ()
- [MatchInfo](#) (const [MatchInfo](#) &from)
- const ::std::string & [media_id](#) () const
- void [MergeFrom](#) (const ::google::protobuf::Message &from) final
- void [MergeFrom](#) (const [MatchInfo](#) &from)
- bool [MergePartialFromCodedStream](#) (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BriarMedia * [mutable_body](#) ()
- ::briar::BriarMedia * [mutable_face](#) ()
- ::briar::BriarMedia * [mutable_gate](#) ()
- ::std::string * [mutable_media_id](#) ()
- ::std::string * [mutable_probe_id](#) ()
- ::briar::Record * [mutable_record](#) ()
- ::std::string * [mutable_reference_id](#) ()
- ::std::string * [mutable_subject_id](#) ()
- ::std::string * [mutable_subject_name](#) ()
- ::std::string * [mutable_verification_id](#) ()
- [MatchInfo](#) * [New](#) () const final
- [MatchInfo](#) * [New](#) (::google::protobuf::Arena *arena) const final
- [MatchInfo](#) & [operator=](#) (const [MatchInfo](#) &from)
- const ::std::string & [probe_id](#) () const
- const ::briar::Record & [record](#) () const
- const ::std::string & [reference_id](#) () const
- ::briar::BriarMedia * [release_body](#) ()
- ::briar::BriarMedia * [release_face](#) ()
- ::briar::BriarMedia * [release_gate](#) ()
- ::std::string * [release_media_id](#) ()
- ::std::string * [release_probe_id](#) ()
- ::briar::Record * [release_record](#) ()
- ::std::string * [release_reference_id](#) ()
- ::std::string * [release_subject_id](#) ()
- ::std::string * [release_subject_name](#) ()
- ::std::string * [release_verification_id](#) ()
- float [score](#) () const
- void [SerializeWithCachedSizes](#) (::google::protobuf::io::CodedOutputStream *output) const final
- void [set_allocated_body](#) (::briar::BriarMedia *body)
- void [set_allocated_face](#) (::briar::BriarMedia *face)
- void [set_allocated_gate](#) (::briar::BriarMedia *gate)
- void [set_allocated_media_id](#) (::std::string *media_id)
- void [set_allocated_probe_id](#) (::std::string *probe_id)
- void [set_allocated_record](#) (::briar::Record *record)
- void [set_allocated_reference_id](#) (::std::string *reference_id)
- void [set_allocated_subject_id](#) (::std::string *subject_id)
- void [set_allocated_subject_name](#) (::std::string *subject_name)
- void [set_allocated_verification_id](#) (::std::string *verification_id)
- void [set_media_id](#) (const ::std::string &value)
- void [set_media_id](#) (const char *value)
- void [set_media_id](#) (const char *value, size_t size)

- void `set_probe_id` (const ::std::string &value)
- void `set_probe_id` (const char *value)
- void `set_probe_id` (const char *value, size_t size)
- void `set_reference_id` (const ::std::string &value)
- void `set_reference_id` (const char *value)
- void `set_score` (float value)
- void `set_subject_id` (const ::std::string &value)
- void `set_subject_id` (const char *value)
- void `set_subject_id` (const char *value, size_t size)
- void `set_subject_name` (const ::std::string &value)
- void `set_subject_name` (const char *value)
- void `set_subject_name` (const char *value, size_t size)
- void `set_verification_id` (const ::std::string &value)
- void `set_verification_id` (const char *value)
- void `set_verification_id` (const char *value, size_t size)
- const ::std::string & `subject_id` () const
- const ::std::string & `subject_name` () const
- void `Swap` (MatchInfo *other)
- const ::std::string & `verification_id` () const
- virtual `~MatchInfo` ()

Static Public Member Functions

- static const MatchInfo & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const MatchInfo * `internal_default_instance` ()

Static Public Attributes

- static const int `kBodyFieldNumber` = 10
- static const int `kFaceFieldNumber` = 9
- static const int `kGateFieldNumber` = 11
- static constexpr int `kIndexInFileMessages`
- static const int `kMedialdFieldNumber` = 2
- static const int `kProbeldFieldNumber` = 3
- static const int `kRecordFieldNumber` = 8
- static const int `kReferenceldFieldNumber` = 6
- static const int `kScoreFieldNumber` = 1
- static const int `kSubjectIdFieldNumber` = 4
- static const int `kSubjectNameFieldNumber` = 5
- static const int `kVerificationIdFieldNumber` = 7

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void `swap` (MatchInfo &a, MatchInfo &b)

7.156.1 Constructor & Destructor Documentation

7.156.1.1 MatchInfo() [1/2]

```
briar::MatchInfo::MatchInfo ( )
```

7.156.1.2 ~MatchInfo()

```
briar::MatchInfo::~MatchInfo ( ) [virtual]
```

7.156.1.3 MatchInfo() [2/2]

```
briar::MatchInfo::MatchInfo ( const MatchInfo & from )
```

7.156.2 Member Function Documentation

7.156.2.1 body()

```
const ::briar::BriarMedia & briar::MatchInfo::body ( ) const [inline]
```

7.156.2.2 ByteSizeLong()

```
size_t briar::MatchInfo::ByteSizeLong ( ) const [final]
```

7.156.2.3 Clear()

```
void briar::MatchInfo::Clear ( ) [final]
```

7.156.2.4 clear_body()

```
void briar::MatchInfo::clear_body () [inline]
```

7.156.2.5 clear_face()

```
void briar::MatchInfo::clear_face () [inline]
```

7.156.2.6 clear_gate()

```
void briar::MatchInfo::clear_gate () [inline]
```

7.156.2.7 clear_media_id()

```
void briar::MatchInfo::clear_media_id () [inline]
```

7.156.2.8 clear_probe_id()

```
void briar::MatchInfo::clear_probe_id () [inline]
```

7.156.2.9 clear_record()

```
void briar::MatchInfo::clear_record () [inline]
```

7.156.2.10 clear_reference_id()

```
void briar::MatchInfo::clear_reference_id () [inline]
```

7.156.2.11 clear_score()

```
void briar::MatchInfo::clear_score () [inline]
```

7.156.2.12 clear_subject_id()

```
void briar::MatchInfo::clear_subject_id ( ) [inline]
```

7.156.2.13 clear_subject_name()

```
void briar::MatchInfo::clear_subject_name ( ) [inline]
```

7.156.2.14 clear_verification_id()

```
void briar::MatchInfo::clear_verification_id ( ) [inline]
```

7.156.2.15 CopyFrom() [1/2]

```
void briar::MatchInfo::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.156.2.16 CopyFrom() [2/2]

```
void briar::MatchInfo::CopyFrom (
    const MatchInfo & from )
```

7.156.2.17 default_instance()

```
const MatchInfo & briar::MatchInfo::default_instance ( ) [static]
```

7.156.2.18 descriptor()

```
const ::google::protobuf::Descriptor * briar::MatchInfo::descriptor ( ) [static]
```

7.156.2.19 face()

```
const ::briar::BriarMedia & briar::MatchInfo::face () const [inline]
```

7.156.2.20 gate()

```
const ::briar::BriarMedia & briar::MatchInfo::gate () const [inline]
```

7.156.2.21 GetCachedSize()

```
int briar::MatchInfo::GetCachedSize () const [inline], [final]
```

7.156.2.22 GetMetadata()

```
google::protobuf::Metadata briar::MatchInfo::GetMetadata () const [final]
```

7.156.2.23 has_body()

```
bool briar::MatchInfo::has_body () const [inline]
```

7.156.2.24 has_face()

```
bool briar::MatchInfo::has_face () const [inline]
```

7.156.2.25 has_gate()

```
bool briar::MatchInfo::has_gate () const [inline]
```

7.156.2.26 has_record()

```
bool briar::MatchInfo::has_record () const [inline]
```

7.156.2.27 InitAsDefaultInstance()

```
void briar::MatchInfo::InitAsDefaultInstance () [static]
```

7.156.2.28 internal_default_instance()

```
static const MatchInfo* briar::MatchInfo::internal_default_instance () [inline], [static]
```

7.156.2.29 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::MatchInfo::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.156.2.30 IsInitialized()

```
bool briar::MatchInfo::IsInitialized () const [final]
```

7.156.2.31 media_id()

```
const ::std::string & briar::MatchInfo::media_id () const [inline]
```

7.156.2.32 MergeFrom() [1/2]

```
void briar::MatchInfo::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.156.2.33 MergeFrom() [2/2]

```
void briar::MatchInfo::MergeFrom (
    const MatchInfo & from )
```

7.156.2.34 MergePartialFromCodedStream()

```
bool briar::MatchInfo::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.156.2.35 mutable_body()

```
briar::BriarMedia * briar::MatchInfo::mutable_body () [inline]
```

7.156.2.36 mutable_face()

```
briar::BriarMedia * briar::MatchInfo::mutable_face () [inline]
```

7.156.2.37 mutable_gate()

```
briar::BriarMedia * briar::MatchInfo::mutable_gate () [inline]
```

7.156.2.38 mutable_media_id()

```
std::string * briar::MatchInfo::mutable_media_id () [inline]
```

7.156.2.39 mutable_probe_id()

```
std::string * briar::MatchInfo::mutable_probe_id () [inline]
```

7.156.2.40 mutable_record()

```
briar::Record * briar::MatchInfo::mutable_record () [inline]
```

7.156.2.41 mutable_reference_id()

```
std::string * briar::MatchInfo::mutable_reference_id ( ) [inline]
```

7.156.2.42 mutable_subject_id()

```
std::string * briar::MatchInfo::mutable_subject_id ( ) [inline]
```

7.156.2.43 mutable_subject_name()

```
std::string * briar::MatchInfo::mutable_subject_name ( ) [inline]
```

7.156.2.44 mutable_verification_id()

```
std::string * briar::MatchInfo::mutable_verification_id ( ) [inline]
```

7.156.2.45 New() [1/2]

```
MatchInfo* briar::MatchInfo::New ( ) const [inline], [final]
```

7.156.2.46 New() [2/2]

```
MatchInfo* briar::MatchInfo::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.156.2.47 operator=()

```
MatchInfo& briar::MatchInfo::operator= ( const MatchInfo & from ) [inline]
```

7.156.2.48 probe_id()

```
const ::std::string & briar::MatchInfo::probe_id ( ) const [inline]
```

7.156.2.49 record()

```
const ::briar::Record & briar::MatchInfo::record ( ) const [inline]
```

7.156.2.50 reference_id()

```
const ::std::string & briar::MatchInfo::reference_id ( ) const [inline]
```

7.156.2.51 release_body()

```
briar::BriarMedia * briar::MatchInfo::release_body ( ) [inline]
```

7.156.2.52 release_face()

```
briar::BriarMedia * briar::MatchInfo::release_face ( ) [inline]
```

7.156.2.53 release_gate()

```
briar::BriarMedia * briar::MatchInfo::release_gate ( ) [inline]
```

7.156.2.54 release_media_id()

```
std::string * briar::MatchInfo::release_media_id ( ) [inline]
```

7.156.2.55 release_probe_id()

```
std::string * briar::MatchInfo::release_probe_id ( ) [inline]
```

7.156.2.56 release_record()

```
briar::Record * briar::MatchInfo::release_record ( ) [inline]
```

7.156.2.57 release_reference_id()

```
std::string * briar::MatchInfo::release_reference_id ( ) [inline]
```

7.156.2.58 release_subject_id()

```
std::string * briar::MatchInfo::release_subject_id ( ) [inline]
```

7.156.2.59 release_subject_name()

```
std::string * briar::MatchInfo::release_subject_name ( ) [inline]
```

7.156.2.60 release_verification_id()

```
std::string * briar::MatchInfo::release_verification_id ( ) [inline]
```

7.156.2.61 score()

```
float briar::MatchInfo::score ( ) const [inline]
```

7.156.2.62 SerializeWithCachedSizes()

```
void briar::MatchInfo::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.156.2.63 set_allocated_body()

```
void briar::MatchInfo::set_allocated_body (
    ::briar::BriarMedia * body ) [inline]
```

7.156.2.64 set_allocated_face()

```
void briar::MatchInfo::set_allocated_face (
    ::briar::BriarMedia * face ) [inline]
```

7.156.2.65 set_allocated_gate()

```
void briar::MatchInfo::set_allocated_gate (
    ::briar::BriarMedia * gate ) [inline]
```

7.156.2.66 set_allocated_media_id()

```
void briar::MatchInfo::set_allocated_media_id (
    ::std::string * media_id ) [inline]
```

7.156.2.67 set_allocated_probe_id()

```
void briar::MatchInfo::set_allocated_probe_id (
    ::std::string * probe_id ) [inline]
```

7.156.2.68 set_allocated_record()

```
void briar::MatchInfo::set_allocated_record (
    ::briar::Record * record ) [inline]
```

7.156.2.69 set_allocated_reference_id()

```
void briar::MatchInfo::set_allocated_reference_id (
    ::std::string * reference_id ) [inline]
```

7.156.2.70 set_allocated_subject_id()

```
void briar::MatchInfo::set_allocated_subject_id (
    ::std::string * subject_id ) [inline]
```

7.156.2.71 set_allocated_subject_name()

```
void briar::MatchInfo::set_allocated_subject_name (
    ::std::string * subject_name ) [inline]
```

7.156.2.72 set_allocated_verification_id()

```
void briar::MatchInfo::set_allocated_verification_id (
    ::std::string * verification_id ) [inline]
```

7.156.2.73 set_media_id() [1/3]

```
void briar::MatchInfo::set_media_id (
    const ::std::string & value ) [inline]
```

7.156.2.74 set_media_id() [2/3]

```
void briar::MatchInfo::set_media_id (
    const char * value ) [inline]
```

7.156.2.75 set_media_id() [3/3]

```
void briar::MatchInfo::set_media_id (
    const char * value,
    size_t size ) [inline]
```

7.156.2.76 set_probe_id() [1/3]

```
void briar::MatchInfo::set_probe_id (
    const ::std::string & value ) [inline]
```

7.156.2.77 set_probe_id() [2/3]

```
void briar::MatchInfo::set_probe_id (
    const char * value ) [inline]
```

7.156.2.78 set_probe_id() [3/3]

```
void briar::MatchInfo::set_probe_id (
    const char * value,
    size_t size ) [inline]
```

7.156.2.79 set_reference_id() [1/3]

```
void briar::MatchInfo::set_reference_id (
    const ::std::string & value ) [inline]
```

7.156.2.80 set_reference_id() [2/3]

```
void briar::MatchInfo::set_reference_id (
    const char * value ) [inline]
```

7.156.2.81 set_reference_id() [3/3]

```
void briar::MatchInfo::set_reference_id (
    const char * value,
    size_t size ) [inline]
```

7.156.2.82 set_score()

```
void briar::MatchInfo::set_score (
    float value ) [inline]
```

7.156.2.83 set_subject_id() [1/3]

```
void briar::MatchInfo::set_subject_id (
    const ::std::string & value ) [inline]
```

7.156.2.84 `set_subject_id()` [2/3]

```
void briar::MatchInfo::set_subject_id (
    const char * value )  [inline]
```

7.156.2.85 `set_subject_id()` [3/3]

```
void briar::MatchInfo::set_subject_id (
    const char * value,
    size_t size )  [inline]
```

7.156.2.86 `set_subject_name()` [1/3]

```
void briar::MatchInfo::set_subject_name (
    const ::std::string & value )  [inline]
```

7.156.2.87 `set_subject_name()` [2/3]

```
void briar::MatchInfo::set_subject_name (
    const char * value )  [inline]
```

7.156.2.88 `set_subject_name()` [3/3]

```
void briar::MatchInfo::set_subject_name (
    const char * value,
    size_t size )  [inline]
```

7.156.2.89 `set_verification_id()` [1/3]

```
void briar::MatchInfo::set_verification_id (
    const ::std::string & value )  [inline]
```

7.156.2.90 `set_verification_id()` [2/3]

```
void briar::MatchInfo::set_verification_id (
    const char * value )  [inline]
```

7.156.2.91 set_verification_id() [3/3]

```
void briar::MatchInfo::set_verification_id (
    const char * value,
    size_t size ) [inline]
```

7.156.2.92 subject_id()

```
const ::std::string & briar::MatchInfo::subject_id () const [inline]
```

7.156.2.93 subject_name()

```
const ::std::string & briar::MatchInfo::subject_name () const [inline]
```

7.156.2.94 Swap()

```
void briar::MatchInfo::Swap (
    MatchInfo * other )
```

7.156.2.95 verification_id()

```
const ::std::string & briar::MatchInfo::verification_id () const [inline]
```

7.156.3 Friends And Related Function Documentation**7.156.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.156.3.2 swap

```
void swap (
    MatchInfo & a,
    MatchInfo & b ) [friend]
```

7.156.4 Member Data Documentation

7.156.4.1 kBodyFieldNumber

```
const int briar::MatchInfo::kBodyFieldNumber = 10 [static]
```

7.156.4.2 kFaceFieldNumber

```
const int briar::MatchInfo::kFaceFieldNumber = 9 [static]
```

7.156.4.3 kGateFieldNumber

```
const int briar::MatchInfo::kGateFieldNumber = 11 [static]
```

7.156.4.4 kIndexInFileMessages

```
constexpr int briar::MatchInfo::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 34
```

7.156.4.5 kMediaIdFieldNumber

```
const int briar::MatchInfo::kMediaIdFieldNumber = 2 [static]
```

7.156.4.6 kProbeIdFieldNumber

```
const int briar::MatchInfo::kProbeIdFieldNumber = 3 [static]
```

7.156.4.7 kRecordFieldNumber

```
const int briar::MatchInfo::kRecordFieldNumber = 8 [static]
```

7.156.4.8 kReferenceIdFieldNumber

```
const int briar::MatchInfo::kReferenceIdFieldNumber = 6 [static]
```

7.156.4.9 kScoreFieldNumber

```
const int briar::MatchInfo::kScoreFieldNumber = 1 [static]
```

7.156.4.10 kSubjectIdFieldNumber

```
const int briar::MatchInfo::kSubjectIdFieldNumber = 4 [static]
```

7.156.4.11 kSubjectNameFieldNumber

```
const int briar::MatchInfo::kSubjectNameFieldNumber = 5 [static]
```

7.156.4.12 kVerificationIdFieldNumber

```
const int briar::MatchInfo::kVerificationIdFieldNumber = 7 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.cc

7.157 briar::MatchInfoDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< MatchInfo > _instance

7.157.1 Member Data Documentation

7.157.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<MatchInfo> briar::MatchInfoDefaultType←  
Internal::_instance
```

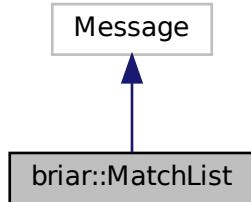
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

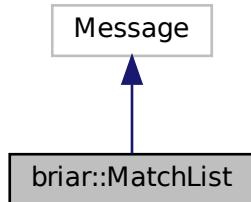
7.158 briar::MatchList Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::MatchList:



Collaboration diagram for briar::MatchList:



Public Member Functions

- `::briar::MatchInfo * add_match_list ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_match_list ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const MatchList &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `const ::google::protobuf::RepeatedPtrField< ::briar::MatchInfo > & match_list () const`
- `const ::briar::MatchInfo & match_list (int index) const`
- `int match_list_size () const`
- `MatchList ()`
- `MatchList (const MatchList &from)`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const MatchList &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::briar::MatchInfo > * mutable_match_list ()`
- `::briar::MatchInfo * mutable_match_list (int index)`
- `MatchList * New () const final`
- `MatchList * New (::google::protobuf::Arena *arena) const final`
- `MatchList & operator= (const MatchList &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void Swap (MatchList *other)`
- `virtual ~MatchList ()`

Static Public Member Functions

- `static const MatchList & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const MatchList * internal_default_instance ()`

Static Public Attributes

- `static constexpr int kIndexInFileMessages`
- `static const int kMatchListFieldNumber = 1`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- `void swap (MatchList &a, MatchList &b)`

7.158.1 Constructor & Destructor Documentation

7.158.1.1 MatchList() [1/2]

```
briar::MatchList::MatchList ( )
```

7.158.1.2 ~MatchList()

```
briar::MatchList::~MatchList ( ) [virtual]
```

7.158.1.3 MatchList() [2/2]

```
briar::MatchList::MatchList (
    const MatchList & from )
```

7.158.2 Member Function Documentation

7.158.2.1 add_match_list()

```
briar::MatchInfo * briar::MatchList::add_match_list ( ) [inline]
```

7.158.2.2 ByteSizeLong()

```
size_t briar::MatchList::ByteSizeLong ( ) const [final]
```

7.158.2.3 Clear()

```
void briar::MatchList::Clear ( ) [final]
```

7.158.2.4 clear_match_list()

```
void briar::MatchList::clear_match_list ( ) [inline]
```

7.158.2.5 CopyFrom() [1/2]

```
void briar::MatchList::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.158.2.6 CopyFrom() [2/2]

```
void briar::MatchList::CopyFrom (
    const MatchList & from)
```

7.158.2.7 default_instance()

```
const MatchList & briar::MatchList::default_instance () [static]
```

7.158.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::MatchList::descriptor () [static]
```

7.158.2.9 GetCachedSize()

```
int briar::MatchList::GetCachedSize () const [inline], [final]
```

7.158.2.10 GetMetadata()

```
google::protobuf::Metadata briar::MatchList::GetMetadata () const [final]
```

7.158.2.11 InitAsDefaultInstance()

```
void briar::MatchList::InitAsDefaultInstance () [static]
```

7.158.2.12 internal_default_instance()

```
static const MatchList* briar::MatchList::internal_default_instance ( ) [inline], [static]
```

7.158.2.13 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::MatchList::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.158.2.14 IsInitialized()

```
bool briar::MatchList::IsInitialized ( ) const [final]
```

7.158.2.15 match_list() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::MatchInfo> & briar::MatchList::match_list
( ) const [inline]
```

7.158.2.16 match_list() [2/2]

```
const ::briar::MatchInfo & briar::MatchList::match_list (
    int index ) const [inline]
```

7.158.2.17 match_list_size()

```
int briar::MatchList::match_list_size ( ) const [inline]
```

7.158.2.18 MergeFrom() [1/2]

```
void briar::MatchList::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.158.2.19 MergeFrom() [2/2]

```
void briar::MatchList::MergeFrom (
    const MatchList & from )
```

7.158.2.20 MergePartialFromCodedStream()

```
bool briar::MatchList::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.158.2.21 mutable_match_list() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::MatchInfo> * briar::MatchList::mutable_match_list
( ) [inline]
```

7.158.2.22 mutable_match_list() [2/2]

```
briar::MatchInfo * briar::MatchList::mutable_match_list (
    int index ) [inline]
```

7.158.2.23 New() [1/2]

```
MatchList* briar::MatchList::New ( ) const [inline], [final]
```

7.158.2.24 New() [2/2]

```
MatchList* briar::MatchList::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.158.2.25 operator=()

```
MatchList& briar::MatchList::operator= (
    const MatchList & from ) [inline]
```

7.158.2.26 SerializeWithCachedSizes()

```
void briar::MatchList::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.158.2.27 Swap()

```
void briar::MatchList::Swap (
    MatchList * other )
```

7.158.3 Friends And Related Function Documentation

7.158.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.158.3.2 swap

```
void swap (
    MatchList & a,
    MatchList & b ) [friend]
```

7.158.4 Member Data Documentation

7.158.4.1 kIndexInFileMessages

```
constexpr int briar::MatchList::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 35
```

7.158.4.2 kMatchListFieldNumber

```
const int briar::MatchList::kMatchListFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.159 briar::MatchListDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[MatchList](#)> `_instance`

7.159.1 Member Data Documentation

7.159.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<MatchList> briar::MatchListDefaultTypeInternal::_instance
```

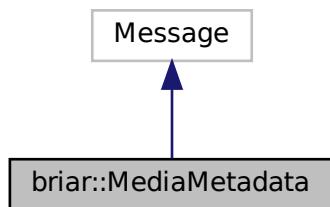
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

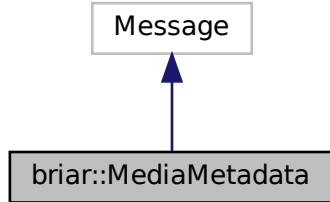
7.160 briar::MediaMetadata Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::MediaMetadata:



Collaboration diagram for briar::MediaMetadata:



Public Member Functions

- `::briar::Attribute * add_attributes ()`
- `::briar::FrameMetadata * add_frame_metadata ()`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & attributes () const`
- `const ::briar::Attribute & attributes (int index) const`
- `int attributes_size () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_attributes ()`
- `void clear_frame_metadata ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const MediaMetadata &from)`
- `const ::google::protobuf::RepeatedPtrField< ::briar::FrameMetadata > & frame_metadata () const`
- `const ::briar::FrameMetadata & frame_metadata (int index) const`
- `int frame_metadata_size () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `MediaMetadata ()`
- `MediaMetadata (const MediaMetadata &from)`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const MediaMetadata &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::briar::Attribute > * mutable_attributes ()`
- `::briar::Attribute * mutable_attributes (int index)`
- `::google::protobuf::RepeatedPtrField< ::briar::FrameMetadata > * mutable_frame_metadata ()`
- `::briar::FrameMetadata * mutable_frame_metadata (int index)`
- `MediaMetadata * New () const final`
- `MediaMetadata * New (::google::protobuf::Arena *arena) const final`
- `MediaMetadata & operator= (const MediaMetadata &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void Swap (MediaMetadata *other)`
- `virtual ~MediaMetadata ()`

Static Public Member Functions

- static const `MediaMetadata & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `MediaMetadata * internal_default_instance ()`

Static Public Attributes

- static const int `kAttributesFieldNumber = 1`
- static const int `kFrameMetadataFieldNumber = 2`
- static constexpr int `kIndexInFileMessages`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (MediaMetadata &a, MediaMetadata &b)`

7.160.1 Constructor & Destructor Documentation

7.160.1.1 `MediaMetadata()` [1/2]

```
briar::MediaMetadata::MediaMetadata ( )
```

7.160.1.2 `~MediaMetadata()`

```
briar::MediaMetadata::~MediaMetadata ( ) [virtual]
```

7.160.1.3 `MediaMetadata()` [2/2]

```
briar::MediaMetadata::MediaMetadata (
    const MediaMetadata & from )
```

7.160.2 Member Function Documentation

7.160.2.1 add_attributes()

```
briar::Attribute * briar::MediaMetadata::add_attributes ( ) [inline]
```

7.160.2.2 add_frame_metadata()

```
briar::FrameMetadata * briar::MediaMetadata::add_frame_metadata ( ) [inline]
```

7.160.2.3 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::MediaMetadata::attributes ( ) const [inline]
```

7.160.2.4 attributes() [2/2]

```
const ::briar::Attribute & briar::MediaMetadata::attributes ( int index ) const [inline]
```

7.160.2.5 attributes_size()

```
int briar::MediaMetadata::attributes_size ( ) const [inline]
```

7.160.2.6 ByteSizeLong()

```
size_t briar::MediaMetadata::ByteSizeLong ( ) const [final]
```

7.160.2.7 Clear()

```
void briar::MediaMetadata::Clear ( ) [final]
```

7.160.2.8 clear_attributes()

```
void briar::MediaMetadata::clear_attributes ( ) [inline]
```

7.160.2.9 clear_frame_metadata()

```
void briar::MediaMetadata::clear_frame_metadata ( ) [inline]
```

7.160.2.10 CopyFrom() [1/2]

```
void briar::MediaMetadata::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.160.2.11 CopyFrom() [2/2]

```
void briar::MediaMetadata::CopyFrom (
    const MediaMetadata & from )
```

7.160.2.12 default_instance()

```
const MediaMetadata & briar::MediaMetadata::default_instance ( ) [static]
```

7.160.2.13 descriptor()

```
const ::google::protobuf::Descriptor * briar::MediaMetadata::descriptor ( ) [static]
```

7.160.2.14 frame_metadata() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::FrameMetadata> & briar::MediaMetadata::frame_metadata ( ) const [inline]
```

7.160.2.15 frame_metadata() [2/2]

```
const ::briar::FrameMetadata & briar::MediaMetadata::frame_metadata (
    int index ) const [inline]
```

7.160.2.16 frame_metadata_size()

```
int briar::MediaMetadata::frame_metadata_size ( ) const [inline]
```

7.160.2.17 GetCachedSize()

```
int briar::MediaMetadata::GetCachedSize ( ) const [inline], [final]
```

7.160.2.18 GetMetadata()

```
google::protobuf::Metadata briar::MediaMetadata::GetMetadata ( ) const [final]
```

7.160.2.19 InitAsDefaultInstance()

```
void briar::MediaMetadata::InitAsDefaultInstance ( ) [static]
```

7.160.2.20 internal_default_instance()

```
static const MediaMetadata* briar::MediaMetadata::internal_default_instance ( ) [inline],
[static]
```

7.160.2.21 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::MediaMetadata::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.160.2.22 IsInitialized()

```
bool briar::MediaMetadata::IsInitialized ( ) const [final]
```

7.160.2.23 MergeFrom() [1/2]

```
void briar::MediaMetadata::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.160.2.24 MergeFrom() [2/2]

```
void briar::MediaMetadata::MergeFrom (
    const MediaMetadata & from )
```

7.160.2.25 MergePartialFromCodedStream()

```
bool briar::MediaMetadata::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.160.2.26 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::MediaMetadata::mutable_<->
attributes ( ) [inline]
```

7.160.2.27 mutable_attributes() [2/2]

```
briar::Attribute * briar::MediaMetadata::mutable_attributes (
    int index ) [inline]
```

7.160.2.28 mutable_frame_metadata() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::FrameMetadata> * briar::MediaMetadata::mutable_<->
frame_metadata ( ) [inline]
```

7.160.2.29 mutable_frame_metadata() [2/2]

```
briar::FrameMetadata * briar::MediaMetadata::mutable_frame_metadata (
    int index ) [inline]
```

7.160.2.30 New() [1/2]

```
MediaMetadata* briar::MediaMetadata::New ( ) const [inline], [final]
```

7.160.2.31 New() [2/2]

```
MediaMetadata* briar::MediaMetadata::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.160.2.32 operator=()

```
MediaMetadata& briar::MediaMetadata::operator= (
    const MediaMetadata & from ) [inline]
```

7.160.2.33 SerializeWithCachedSizes()

```
void briar::MediaMetadata::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.160.2.34 Swap()

```
void briar::MediaMetadata::Swap (
    MediaMetadata * other )
```

7.160.3 Friends And Related Function Documentation

7.160.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.160.3.2 swap

```
void swap (
    MediaMetadata & a,
    MediaMetadata & b ) [friend]
```

7.160.4 Member Data Documentation

7.160.4.1 kAttributesFieldNumber

```
const int briar::MediaMetadata::kAttributesFieldNumber = 1 [static]
```

7.160.4.2 kFrameMetadataFieldNumber

```
const int briar::MediaMetadata::kFrameMetadataFieldNumber = 2 [static]
```

7.160.4.3 kIndexInFileMessages

```
constexpr int briar::MediaMetadata::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
=
```

```
18
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.cc

7.161 briar::MediaMetadataDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< MediaMetadata > _instance

7.161.1 Member Data Documentation

7.161.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<MediaMetadata> briar::MediaMetadata←  
DefaultTypeInternal::_instance
```

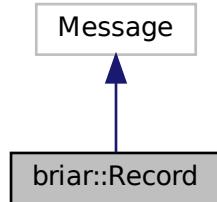
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

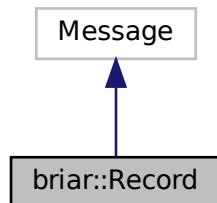
7.162 briar::Record Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::Record:



Collaboration diagram for briar::Record:



Public Member Functions

- const ::google::protobuf::RepeatedPtrField< ::briar::AccessRecord > & [access_records](#) () const
- const ::briar::AccessRecord & [access_records](#) (int index) const
- int [access_records_size](#) () const
- ::briar::AccessRecord * [add_access_records](#) ()
- ::briar::Attribute * [add_attributes](#) ()
- ::briar::Attribute * [add_internal_data](#) ()
- ::briar::Attribute * [add_metadata](#) ()
- const ::std::string & [algorithm](#) () const
- const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & [attributes](#) () const
- const ::briar::Attribute & [attributes](#) (int index) const
- int [attributes_size](#) () const
- size_t [ByteSizeLong](#) () const final
- void [Clear](#) () final
- void [clear_access_records](#) ()
- void [clear_algorithm](#) ()
- void [clear_attributes](#) ()
- void [clear_collection_date](#) ()
- void [clear_detection](#) ()
- void [clear_enrollment_date](#) ()
- void [clear_entry_type](#) ()
- void [clear_frame](#) ()
- void [clear_gallery_key](#) ()
- void [clear_internal_data](#) ()
- void [clear_match_score](#) ()
- void [clear_media_id](#) ()
- void [clear_metadata](#) ()
- void [clear_modality](#) ()
- void [clear_name](#) ()
- void [clear_notes](#) ()
- void [clear_search_results](#) ()
- void [clear_source](#) ()
- void [clear_subject_id](#) ()
- void [clear_template_](#) ()
- void [clear_template_id](#) ()
- void [clear_tracklet](#) ()
- void [clear_view](#) ()
- float [collection_date](#) () const
- void [CopyFrom](#) (const ::google::protobuf::Message &from) final
- void [CopyFrom](#) (const [Record](#) &from)
- const ::briar::Detection & [detection](#) () const
- float [enrollment_date](#) () const
- ::briar::EntryType [entry_type](#) () const
- ::google::protobuf::int64 [frame](#) () const
- const ::std::string & [gallery_key](#) () const
- int [GetCachedSize](#) () const final
- ::google::protobuf::Metadata [GetMetadata](#) () const final
- bool [has_detection](#) () const
- bool [has_search_results](#) () const
- bool [has_template_](#) () const
- bool [has_tracklet](#) () const
- bool [has_view](#) () const
- const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & [internal_data](#) () const
- const ::briar::Attribute & [internal_data](#) (int index) const

- int `internal_data_size () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized () const final`
- float `match_score () const`
- const ::std::string & `media_id () const`
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `Record` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & `metadata () const`
- const ::briar::Attribute & `metadata` (int index) const
- int `metadata_size () const`
- ::briar::BiometricModality `modality () const`
- ::google::protobuf::RepeatedPtrField< ::briar::AccessRecord > * `mutable_access_records ()`
- ::briar::AccessRecord * `mutable_access_records` (int index)
- ::std::string * `mutable_algorithm ()`
- ::google::protobuf::RepeatedPtrField< ::briar::Attribute > * `mutable_attributes ()`
- ::briar::Attribute * `mutable_attributes` (int index)
- ::briar::Detection * `mutable_detection ()`
- ::std::string * `mutable_gallery_key ()`
- ::google::protobuf::RepeatedPtrField< ::briar::Attribute > * `mutable_internal_data ()`
- ::briar::Attribute * `mutable_internal_data` (int index)
- ::std::string * `mutable_media_id ()`
- ::google::protobuf::RepeatedPtrField< ::briar::Attribute > * `mutable_metadata ()`
- ::briar::Attribute * `mutable_metadata` (int index)
- ::std::string * `mutable_name ()`
- ::std::string * `mutable_notes ()`
- ::briar::TemplateIds * `mutable_search_results ()`
- ::std::string * `mutable_source ()`
- ::std::string * `mutable_subject_id ()`
- ::briar::Template * `mutable_template_ ()`
- ::std::string * `mutable_template_id ()`
- ::briar::Tracklet * `mutable_tracklet ()`
- ::briar::BriarMedia * `mutable_view ()`
- const ::std::string & `name () const`
- `Record * New () const final`
- `Record * New` (::google::protobuf::Arena *arena) const final
- const ::std::string & `notes () const`
- `Record & operator=` (const `Record` &from)
- `Record ()`
- `Record` (const `Record` &from)
- ::std::string * `release_algorithm ()`
- ::briar::Detection * `release_detection ()`
- ::std::string * `release_gallery_key ()`
- ::std::string * `release_media_id ()`
- ::std::string * `release_name ()`
- ::std::string * `release_notes ()`
- ::briar::TemplateIds * `release_search_results ()`
- ::std::string * `release_source ()`
- ::std::string * `release_subject_id ()`
- ::briar::Template * `release_template_ ()`
- ::std::string * `release_template_id ()`
- ::briar::Tracklet * `release_tracklet ()`
- ::briar::BriarMedia * `release_view ()`
- const ::briar::TemplateIds & `search_results () const`

- void [SerializeWithCachedSizes](#) (::google::protobuf::io::CodedOutputStream *output) const final
- void [set_algorithm](#) (const ::std::string &value)
- void [set_algorithm](#) (const char *value)
- void [set_algorithm](#) (const char *value, size_t size)
- void [set_allocated_algorithm](#) (::std::string *algorithm)
- void [set_allocated_detection](#) (::briar::Detection *detection)
- void [set_allocated_gallery_key](#) (::std::string *gallery_key)
- void [set_allocated_media_id](#) (::std::string *media_id)
- void [set_allocated_name](#) (::std::string *name)
- void [set_allocated_notes](#) (::std::string *notes)
- void [set_allocated_search_results](#) (::briar::TemplateIds *search_results)
- void [set_allocated_source](#) (::std::string *source)
- void [set_allocated_subject_id](#) (::std::string *subject_id)
- void [set_allocated_template_](#) (::briar::Template *template_)
- void [set_allocated_template_id](#) (::std::string *template_id)
- void [set_allocated_tracklet](#) (::briar::Tracklet *tracklet)
- void [set_allocated_view](#) (::briar::BriarMedia *view)
- void [set_collection_date](#) (float value)
- void [set_enrollment_date](#) (float value)
- void [set_entry_type](#) (::briar::EntryType value)
- void [set_frame](#) (::google::protobuf::int64 value)
- void [set_gallery_key](#) (const ::std::string &value)
- void [set_gallery_key](#) (const char *value)
- void [set_gallery_key](#) (const char *value, size_t size)
- void [set_match_score](#) (float value)
- void [set_media_id](#) (const ::std::string &value)
- void [set_media_id](#) (const char *value)
- void [set_modality](#) (::briar::BiometricModality value)
- void [set_name](#) (const ::std::string &value)
- void [set_name](#) (const char *value)
- void [set_name](#) (const char *value, size_t size)
- void [set_notes](#) (const ::std::string &value)
- void [set_notes](#) (const char *value)
- void [set_notes](#) (const char *value, size_t size)
- void [set_source](#) (const ::std::string &value)
- void [set_source](#) (const char *value)
- void [set_source](#) (const char *value, size_t size)
- void [set_subject_id](#) (const ::std::string &value)
- void [set_subject_id](#) (const char *value)
- void [set_subject_id](#) (const char *value, size_t size)
- void [set_template_id](#) (const ::std::string &value)
- void [set_template_id](#) (const char *value)
- void [set_template_id](#) (const char *value, size_t size)
- const ::std::string & [source](#) () const
- const ::std::string & [subject_id](#) () const
- void [Swap](#) (Record *other)
- const ::briar::Template & [template_](#) () const
- const ::std::string & [template_id](#) () const
- const ::briar::Tracklet & [tracklet](#) () const
- const ::briar::BriarMedia & [view](#) () const
- virtual ~[Record](#) ()

Static Public Member Functions

- static const `Record & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `Record * internal_default_instance ()`

Static Public Attributes

- static const int `kAccessRecordsFieldNumber = 12`
- static const int `kAlgorithmFieldNumber = 6`
- static const int `kAttributesFieldNumber = 16`
- static const int `kCollectionDateFieldNumber = 9`
- static const int `kDetectionFieldNumber = 14`
- static const int `kEnrollmentDateFieldNumber = 10`
- static const int `kEntryTypeFieldNumber = 23`
- static const int `kFrameFieldNumber = 5`
- static const int `kGalleryKeyFieldNumber = 8`
- static constexpr int `kIndexInFileMessages`
- static const int `kInternalDataFieldNumber = 17`
- static const int `kMatchScoreFieldNumber = 20`
- static const int `kMedialdFieldNumber = 2`
- static const int `kMetadataFieldNumber = 11`
- static const int `kModalityFieldNumber = 22`
- static const int `kNameFieldNumber = 3`
- static const int `kNotesFieldNumber = 7`
- static const int `kSearchResultsFieldNumber = 21`
- static const int `kSourceFieldNumber = 4`
- static const int `kSubjectIdFieldNumber = 1`
- static const int `kTemplateFieldNumber = 19`
- static const int `kTemplateIdFieldNumber = 18`
- static const int `kTrackletFieldNumber = 15`
- static const int `kViewFieldNumber = 13`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (Record &a, Record &b)`

7.162.1 Constructor & Destructor Documentation

7.162.1.1 Record() [1/2]

```
briar::Record::Record( )
```

7.162.1.2 ~Record()

```
briar::Record::~Record ( ) [virtual]
```

7.162.1.3 Record() [2/2]

```
briar::Record::Record ( const Record & from )
```

7.162.2 Member Function Documentation

7.162.2.1 access_records() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::AccessRecord> & briar::Record::access_records ( ) const [inline]
```

7.162.2.2 access_records() [2/2]

```
const ::briar::AccessRecord & briar::Record::access_records ( int index ) const [inline]
```

7.162.2.3 access_records_size()

```
int briar::Record::access_records_size ( ) const [inline]
```

7.162.2.4 add_access_records()

```
briar::AccessRecord * briar::Record::add_access_records ( ) [inline]
```

7.162.2.5 add_attributes()

```
briar::Attribute * briar::Record::add_attributes ( ) [inline]
```

7.162.2.6 add_internal_data()

```
briar::Attribute * briar::Record::add_internal_data ( ) [inline]
```

7.162.2.7 add_metadata()

```
briar::Attribute * briar::Record::add_metadata ( ) [inline]
```

7.162.2.8 algorithm()

```
const ::std::string & briar::Record::algorithm ( ) const [inline]
```

7.162.2.9 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::Record::attributes ( ) const [inline]
```

7.162.2.10 attributes() [2/2]

```
const ::briar::Attribute & briar::Record::attributes ( int index ) const [inline]
```

7.162.2.11 attributes_size()

```
int briar::Record::attributes_size ( ) const [inline]
```

7.162.2.12 ByteSizeLong()

```
size_t briar::Record::ByteSizeLong ( ) const [final]
```

7.162.2.13 Clear()

```
void briar::Record::Clear ( ) [final]
```

7.162.2.14 clear_access_records()

```
void briar::Record::clear_access_records ( ) [inline]
```

7.162.2.15 clear_algorithm()

```
void briar::Record::clear_algorithm ( ) [inline]
```

7.162.2.16 clear_attributes()

```
void briar::Record::clear_attributes ( ) [inline]
```

7.162.2.17 clear_collection_date()

```
void briar::Record::clear_collection_date ( ) [inline]
```

7.162.2.18 clear_detection()

```
void briar::Record::clear_detection ( ) [inline]
```

7.162.2.19 clear_enrollment_date()

```
void briar::Record::clear_enrollment_date ( ) [inline]
```

7.162.2.20 clear_entry_type()

```
void briar::Record::clear_entry_type ( ) [inline]
```

7.162.2.21 `clear_frame()`

```
void briar::Record::clear_frame ( ) [inline]
```

7.162.2.22 `clear_gallery_key()`

```
void briar::Record::clear_gallery_key ( ) [inline]
```

7.162.2.23 `clear_internal_data()`

```
void briar::Record::clear_internal_data ( ) [inline]
```

7.162.2.24 `clear_match_score()`

```
void briar::Record::clear_match_score ( ) [inline]
```

7.162.2.25 `clear_media_id()`

```
void briar::Record::clear_media_id ( ) [inline]
```

7.162.2.26 `clear_metadata()`

```
void briar::Record::clear_metadata ( ) [inline]
```

7.162.2.27 `clear_modality()`

```
void briar::Record::clear_modality ( ) [inline]
```

7.162.2.28 `clear_name()`

```
void briar::Record::clear_name ( ) [inline]
```

7.162.2.29 clear_notes()

```
void briar::Record::clear_notes ( ) [inline]
```

7.162.2.30 clear_search_results()

```
void briar::Record::clear_search_results ( ) [inline]
```

7.162.2.31 clear_source()

```
void briar::Record::clear_source ( ) [inline]
```

7.162.2.32 clear_subject_id()

```
void briar::Record::clear_subject_id ( ) [inline]
```

7.162.2.33 clear_template_()

```
void briar::Record::clear_template_ ( ) [inline]
```

7.162.2.34 clear_template_id()

```
void briar::Record::clear_template_id ( ) [inline]
```

7.162.2.35 clear_tracklet()

```
void briar::Record::clear_tracklet ( ) [inline]
```

7.162.2.36 clear_view()

```
void briar::Record::clear_view ( ) [inline]
```

7.162.2.37 collection_date()

```
float briar::Record::collection_date ( ) const [inline]
```

7.162.2.38 CopyFrom() [1/2]

```
void briar::Record::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.162.2.39 CopyFrom() [2/2]

```
void briar::Record::CopyFrom (
    const Record & from )
```

7.162.2.40 default_instance()

```
const Record & briar::Record::default_instance ( ) [static]
```

7.162.2.41 descriptor()

```
const ::google::protobuf::Descriptor * briar::Record::descriptor ( ) [static]
```

7.162.2.42 detection()

```
const ::briar::Detection & briar::Record::detection ( ) const [inline]
```

7.162.2.43 enrollment_date()

```
float briar::Record::enrollment_date ( ) const [inline]
```

7.162.2.44 entry_type()

```
briar::EntryType briar::Record::entry_type () const [inline]
```

7.162.2.45 frame()

```
google::protobuf::int64 briar::Record::frame () const [inline]
```

7.162.2.46 gallery_key()

```
const ::std::string & briar::Record::gallery_key () const [inline]
```

7.162.2.47 GetCachedSize()

```
int briar::Record::GetCachedSize () const [inline], [final]
```

7.162.2.48 GetMetadata()

```
google::protobuf::Metadata briar::Record::GetMetadata () const [final]
```

7.162.2.49 has_detection()

```
bool briar::Record::has_detection () const [inline]
```

7.162.2.50 has_search_results()

```
bool briar::Record::has_search_results () const [inline]
```

7.162.2.51 has_template_()

```
bool briar::Record::has_template_ () const [inline]
```

7.162.2.52 has_tracklet()

```
bool briar::Record::has_tracklet () const [inline]
```

7.162.2.53 has_view()

```
bool briar::Record::has_view () const [inline]
```

7.162.2.54 InitAsDefaultInstance()

```
void briar::Record::InitAsDefaultInstance () [static]
```

7.162.2.55 internal_data() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::Record::internal_data  
() const [inline]
```

7.162.2.56 internal_data() [2/2]

```
const ::briar::Attribute & briar::Record::internal_data (  
    int index ) const [inline]
```

7.162.2.57 internal_data_size()

```
int briar::Record::internal_data_size () const [inline]
```

7.162.2.58 internal_default_instance()

```
static const Record* briar::Record::internal_default_instance () [inline], [static]
```

7.162.2.59 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::Record::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.162.2.60 IsInitialized()

```
bool briar::Record::IsInitialized () const [final]
```

7.162.2.61 match_score()

```
float briar::Record::match_score () const [inline]
```

7.162.2.62 media_id()

```
const ::std::string & briar::Record::media_id () const [inline]
```

7.162.2.63 MergeFrom() [1/2]

```
void briar::Record::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.162.2.64 MergeFrom() [2/2]

```
void briar::Record::MergeFrom (
    const Record & from )
```

7.162.2.65 MergePartialFromCodedStream()

```
bool briar::Record::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.162.2.66 metadata() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::Record::metadata( )  
const [inline]
```

7.162.2.67 metadata() [2/2]

```
const ::briar::Attribute & briar::Record::metadata(   
    int index ) const [inline]
```

7.162.2.68 metadata_size()

```
int briar::Record::metadata_size( ) const [inline]
```

7.162.2.69 modality()

```
briar::BiometricModality briar::Record::modality( ) const [inline]
```

7.162.2.70 mutable_access_records() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::AccessRecord> * briar::Record::mutable_access_<→  
records( ) [inline]
```

7.162.2.71 mutable_access_records() [2/2]

```
briar::AccessRecord * briar::Record::mutable_access_records(   
    int index ) [inline]
```

7.162.2.72 mutable_algorithm()

```
std::string * briar::Record::mutable_algorithm( ) [inline]
```

7.162.2.73 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::Record::mutable_attributes( ) [inline]
```

7.162.2.74 mutable_attributes() [2/2]

```
briar::Attribute * briar::Record::mutable_attributes( int index ) [inline]
```

7.162.2.75 mutable_detection()

```
briar::Detection * briar::Record::mutable_detection( ) [inline]
```

7.162.2.76 mutable_gallery_key()

```
std::string * briar::Record::mutable_gallery_key( ) [inline]
```

7.162.2.77 mutable_internal_data() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::Record::mutable_internal_data( ) [inline]
```

7.162.2.78 mutable_internal_data() [2/2]

```
briar::Attribute * briar::Record::mutable_internal_data( int index ) [inline]
```

7.162.2.79 mutable_media_id()

```
std::string * briar::Record::mutable_media_id( ) [inline]
```

7.162.2.80 `mutable_metadata()` [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::Record::mutable_metadata( )  
[inline]
```

7.162.2.81 `mutable_metadata()` [2/2]

```
briar::Attribute * briar::Record::mutable_metadata(   
    int index ) [inline]
```

7.162.2.82 `mutable_name()`

```
std::string * briar::Record::mutable_name( ) [inline]
```

7.162.2.83 `mutable_notes()`

```
std::string * briar::Record::mutable_notes( ) [inline]
```

7.162.2.84 `mutable_search_results()`

```
briar::TemplateIds * briar::Record::mutable_search_results( ) [inline]
```

7.162.2.85 `mutable_source()`

```
std::string * briar::Record::mutable_source( ) [inline]
```

7.162.2.86 `mutable_subject_id()`

```
std::string * briar::Record::mutable_subject_id( ) [inline]
```

7.162.2.87 mutable_template_()

```
briar::Template * briar::Record::mutable_template_() [inline]
```

7.162.2.88 mutable_template_id()

```
std::string * briar::Record::mutable_template_id() [inline]
```

7.162.2.89 mutable_tracklet()

```
briar::Tracklet * briar::Record::mutable_tracklet() [inline]
```

7.162.2.90 mutable_view()

```
briar::BriarMedia * briar::Record::mutable_view() [inline]
```

7.162.2.91 name()

```
const ::std::string & briar::Record::name() const [inline]
```

7.162.2.92 New() [1/2]

```
Record* briar::Record::New() const [inline], [final]
```

7.162.2.93 New() [2/2]

```
Record* briar::Record::New(
    ::google::protobuf::Arena * arena) const [inline], [final]
```

7.162.2.94 notes()

```
const ::std::string & briar::Record::notes() const [inline]
```

7.162.2.95 operator=()

```
Record& briar::Record::operator=(  
    const Record & from) [inline]
```

7.162.2.96 release_algorithm()

```
std::string * briar::Record::release_algorithm() [inline]
```

7.162.2.97 release_detection()

```
briar::Detection * briar::Record::release_detection() [inline]
```

7.162.2.98 release_gallery_key()

```
std::string * briar::Record::release_gallery_key() [inline]
```

7.162.2.99 release_media_id()

```
std::string * briar::Record::release_media_id() [inline]
```

7.162.2.100 release_name()

```
std::string * briar::Record::release_name() [inline]
```

7.162.2.101 release_notes()

```
std::string * briar::Record::release_notes ( ) [inline]
```

7.162.2.102 release_search_results()

```
briar::TemplateIds * briar::Record::release_search_results ( ) [inline]
```

7.162.2.103 release_source()

```
std::string * briar::Record::release_source ( ) [inline]
```

7.162.2.104 release_subject_id()

```
std::string * briar::Record::release_subject_id ( ) [inline]
```

7.162.2.105 release_template_()

```
briar::Template * briar::Record::release_template_ ( ) [inline]
```

7.162.2.106 release_template_id()

```
std::string * briar::Record::release_template_id ( ) [inline]
```

7.162.2.107 release_tracklet()

```
briar::Tracklet * briar::Record::release_tracklet ( ) [inline]
```

7.162.2.108 release_view()

```
briar::BriarMedia * briar::Record::release_view ( ) [inline]
```

7.162.2.109 `search_results()`

```
const ::briar::TemplateIds & briar::Record::search_results ( ) const [inline]
```

7.162.2.110 `SerializeWithCachedSizes()`

```
void briar::Record::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.162.2.111 `set_algorithm()` [1/3]

```
void briar::Record::set_algorithm (
    const ::std::string & value ) [inline]
```

7.162.2.112 `set_algorithm()` [2/3]

```
void briar::Record::set_algorithm (
    const char * value ) [inline]
```

7.162.2.113 `set_algorithm()` [3/3]

```
void briar::Record::set_algorithm (
    const char * value,
    size_t size ) [inline]
```

7.162.2.114 `set_allocated_algorithm()`

```
void briar::Record::set_allocated_algorithm (
    ::std::string * algorithm ) [inline]
```

7.162.2.115 `set_allocated_detection()`

```
void briar::Record::set_allocated_detection (
    ::briar::Detection * detection ) [inline]
```

7.162.2.116 set_allocated_gallery_key()

```
void briar::Record::set_allocated_gallery_key (
    ::std::string * gallery_key ) [inline]
```

7.162.2.117 set_allocated_media_id()

```
void briar::Record::set_allocated_media_id (
    ::std::string * media_id ) [inline]
```

7.162.2.118 set_allocated_name()

```
void briar::Record::set_allocated_name (
    ::std::string * name ) [inline]
```

7.162.2.119 set_allocated_notes()

```
void briar::Record::set_allocated_notes (
    ::std::string * notes ) [inline]
```

7.162.2.120 set_allocated_search_results()

```
void briar::Record::set_allocated_search_results (
    ::briar::TemplateIds * search_results ) [inline]
```

7.162.2.121 set_allocated_source()

```
void briar::Record::set_allocated_source (
    ::std::string * source ) [inline]
```

7.162.2.122 set_allocated_subject_id()

```
void briar::Record::set_allocated_subject_id (
    ::std::string * subject_id ) [inline]
```

7.162.2.123 set_allocated_template_()

```
void briar::Record::set_allocated_template_ (
    ::briar::Template * template_ ) [inline]
```

7.162.2.124 set_allocated_template_id()

```
void briar::Record::set_allocated_template_id (
    ::std::string * template_id ) [inline]
```

7.162.2.125 set_allocated_tracklet()

```
void briar::Record::set_allocated_tracklet (
    ::briar::Tracklet * tracklet ) [inline]
```

7.162.2.126 set_allocated_view()

```
void briar::Record::set_allocated_view (
    ::briar::BriarMedia * view ) [inline]
```

7.162.2.127 set_collection_date()

```
void briar::Record::set_collection_date (
    float value ) [inline]
```

7.162.2.128 set_enrollment_date()

```
void briar::Record::set_enrollment_date (
    float value ) [inline]
```

7.162.2.129 set_entry_type()

```
void briar::Record::set_entry_type (
    ::briar::EntryType value ) [inline]
```

7.162.2.130 set_frame()

```
void briar::Record::set_frame (
    ::google::protobuf::int64 value ) [inline]
```

7.162.2.131 set_gallery_key() [1/3]

```
void briar::Record::set_gallery_key (
    const ::std::string & value ) [inline]
```

7.162.2.132 set_gallery_key() [2/3]

```
void briar::Record::set_gallery_key (
    const char * value ) [inline]
```

7.162.2.133 set_gallery_key() [3/3]

```
void briar::Record::set_gallery_key (
    const char * value,
    size_t size ) [inline]
```

7.162.2.134 set_match_score()

```
void briar::Record::set_match_score (
    float value ) [inline]
```

7.162.2.135 set_media_id() [1/3]

```
void briar::Record::set_media_id (
    const ::std::string & value ) [inline]
```

7.162.2.136 set_media_id() [2/3]

```
void briar::Record::set_media_id (
    const char * value ) [inline]
```

7.162.2.137 `set_media_id()` [3/3]

```
void briar::Record::set_media_id (
    const char * value,
    size_t size ) [inline]
```

7.162.2.138 `set_modality()`

```
void briar::Record::set_modality (
    ::briar::BiometricModality value ) [inline]
```

7.162.2.139 `set_name()` [1/3]

```
void briar::Record::set_name (
    const ::std::string & value ) [inline]
```

7.162.2.140 `set_name()` [2/3]

```
void briar::Record::set_name (
    const char * value ) [inline]
```

7.162.2.141 `set_name()` [3/3]

```
void briar::Record::set_name (
    const char * value,
    size_t size ) [inline]
```

7.162.2.142 `set_notes()` [1/3]

```
void briar::Record::set_notes (
    const ::std::string & value ) [inline]
```

7.162.2.143 `set_notes()` [2/3]

```
void briar::Record::set_notes (
    const char * value ) [inline]
```

7.162.2.144 set_notes() [3/3]

```
void briar::Record::set_notes (
    const char * value,
    size_t size ) [inline]
```

7.162.2.145 set_source() [1/3]

```
void briar::Record::set_source (
    const ::std::string & value ) [inline]
```

7.162.2.146 set_source() [2/3]

```
void briar::Record::set_source (
    const char * value ) [inline]
```

7.162.2.147 set_source() [3/3]

```
void briar::Record::set_source (
    const char * value,
    size_t size ) [inline]
```

7.162.2.148 set_subject_id() [1/3]

```
void briar::Record::set_subject_id (
    const ::std::string & value ) [inline]
```

7.162.2.149 set_subject_id() [2/3]

```
void briar::Record::set_subject_id (
    const char * value ) [inline]
```

7.162.2.150 set_subject_id() [3/3]

```
void briar::Record::set_subject_id (
    const char * value,
    size_t size ) [inline]
```

7.162.2.151 set_template_id() [1/3]

```
void briar::Record::set_template_id (
    const ::std::string & value ) [inline]
```

7.162.2.152 set_template_id() [2/3]

```
void briar::Record::set_template_id (
    const char * value ) [inline]
```

7.162.2.153 set_template_id() [3/3]

```
void briar::Record::set_template_id (
    const char * value,
    size_t size ) [inline]
```

7.162.2.154 source()

```
const ::std::string & briar::Record::source () const [inline]
```

7.162.2.155 subject_id()

```
const ::std::string & briar::Record::subject_id () const [inline]
```

7.162.2.156 Swap()

```
void briar::Record::Swap (
    Record * other )
```

7.162.2.157 template_()

```
const ::briar::Template & briar::Record::template_() const [inline]
```

7.162.2.158 template_id()

```
const ::std::string & briar::Record::template_id() const [inline]
```

7.162.2.159 tracklet()

```
const ::briar::Tracklet & briar::Record::tracklet() const [inline]
```

7.162.2.160 view()

```
const ::briar::BriarMedia & briar::Record::view() const [inline]
```

7.162.3 Friends And Related Function Documentation

7.162.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.162.3.2 swap

```
void swap(
    Record & a,
    Record & b) [friend]
```

7.162.4 Member Data Documentation

7.162.4.1 **kAccessRecordsFieldNumber**

```
const int briar::Record::kAccessRecordsFieldNumber = 12 [static]
```

7.162.4.2 **kAlgorithmFieldNumber**

```
const int briar::Record::kAlgorithmFieldNumber = 6 [static]
```

7.162.4.3 **kAttributesFieldNumber**

```
const int briar::Record::kAttributesFieldNumber = 16 [static]
```

7.162.4.4 **kCollectionDateFieldNumber**

```
const int briar::Record::kCollectionDateFieldNumber = 9 [static]
```

7.162.4.5 **kDetectionFieldNumber**

```
const int briar::Record::kDetectionFieldNumber = 14 [static]
```

7.162.4.6 **kEnrollmentDateFieldNumber**

```
const int briar::Record::kEnrollmentDateFieldNumber = 10 [static]
```

7.162.4.7 **kEntryTypeFieldNumber**

```
const int briar::Record::kEntryTypeFieldNumber = 23 [static]
```

7.162.4.8 **kFrameFieldNumber**

```
const int briar::Record::kFrameFieldNumber = 5 [static]
```

7.162.4.9 kGalleryKeyFieldNumber

```
const int briar::Record::kGalleryKeyFieldNumber = 8 [static]
```

7.162.4.10 kIndexInFileMessages

```
constexpr int briar::Record::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 32
```

7.162.4.11 kInternalDataFieldNumber

```
const int briar::Record::kInternalDataFieldNumber = 17 [static]
```

7.162.4.12 kMatchScoreFieldNumber

```
const int briar::Record::kMatchScoreFieldNumber = 20 [static]
```

7.162.4.13 kMediaIdFieldNumber

```
const int briar::Record::kMediaIdFieldNumber = 2 [static]
```

7.162.4.14 kMetadataFieldNumber

```
const int briar::Record::kMetadataFieldNumber = 11 [static]
```

7.162.4.15 kModalityFieldNumber

```
const int briar::Record::kModalityFieldNumber = 22 [static]
```

7.162.4.16 kNameFieldNumber

```
const int briar::Record::kNameFieldNumber = 3 [static]
```

7.162.4.17 kNotesFieldNumber

```
const int briar::Record::kNotesFieldNumber = 7 [static]
```

7.162.4.18 kSearchResultsFieldNumber

```
const int briar::Record::kSearchResultsFieldNumber = 21 [static]
```

7.162.4.19 kSourceFieldNumber

```
const int briar::Record::kSourceFieldNumber = 4 [static]
```

7.162.4.20 kSubjectIdFieldNumber

```
const int briar::Record::kSubjectIdFieldNumber = 1 [static]
```

7.162.4.21 kTemplateFieldNumber

```
const int briar::Record::kTemplateFieldNumber = 19 [static]
```

7.162.4.22 kTemplateIdFieldNumber

```
const int briar::Record::kTemplateIdFieldNumber = 18 [static]
```

7.162.4.23 kTrackletFieldNumber

```
const int briar::Record::kTrackletFieldNumber = 15 [static]
```

7.162.4.24 kViewFieldNumber

```
const int briar::Record::kViewFieldNumber = 13 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.163 briar::RecordDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[Record](#)> [_instance](#)

7.163.1 Member Data Documentation

7.163.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<Record> briar::RecordDefaultTypeInternal<->  
::\_instance
```

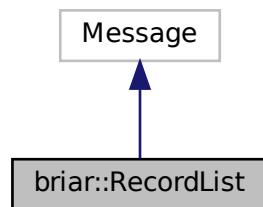
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

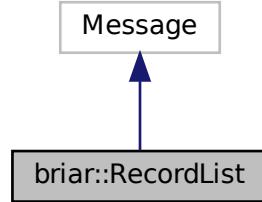
7.164 briar::RecordList Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::RecordList:



Collaboration diagram for briar::RecordList:



Public Member Functions

- ::briar::Record * add_records ()
- size_t ByteSizeLong () const final
- void Clear () final
- void clear_records ()
- void CopyFrom (const ::google::protobuf::Message &from) final
- void CopyFrom (const RecordList &from)
- int GetCachedSize () const final
- ::google::protobuf::Metadata GetMetadata () const final
- ::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool IsInitialized () const final
- void MergeFrom (const ::google::protobuf::Message &from) final
- void MergeFrom (const RecordList &from)
- bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final
- ::google::protobuf::RepeatedPtrField< ::briar::Record > * mutable_records ()
- ::briar::Record * mutable_records (int index)
- RecordList * New () const final
- RecordList * New (::google::protobuf::Arena *arena) const final
- RecordList & operator= (const RecordList &from)
- RecordList ()
- RecordList (const RecordList &from)
- const ::google::protobuf::RepeatedPtrField< ::briar::Record > & records () const
- const ::briar::Record & records (int index) const
- int records_size () const
- void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final
- void Swap (RecordList *other)
- virtual ~RecordList ()

Static Public Member Functions

- static const RecordList & default_instance ()
- static const ::google::protobuf::Descriptor * descriptor ()
- static void InitAsDefaultInstance ()
- static const RecordList * internal_default_instance ()

Static Public Attributes

- static constexpr int `kIndexInFileMessages`
- static const int `kRecordsFieldNumber` = 1

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap` (`RecordList &a, RecordList &b`)

7.164.1 Constructor & Destructor Documentation

7.164.1.1 RecordList() [1/2]

```
briar::RecordList::RecordList ( )
```

7.164.1.2 ~RecordList()

```
briar::RecordList::~RecordList ( ) [virtual]
```

7.164.1.3 RecordList() [2/2]

```
briar::RecordList::RecordList (
    const RecordList & from )
```

7.164.2 Member Function Documentation

7.164.2.1 add_records()

```
briar::Record * briar::RecordList::add_records ( ) [inline]
```

7.164.2.2 ByteSizeLong()

```
size_t briar::RecordList::ByteSizeLong ( ) const [final]
```

7.164.2.3 **Clear()**

```
void briar::RecordList::Clear ( ) [final]
```

7.164.2.4 **clear_records()**

```
void briar::RecordList::clear_records ( ) [inline]
```

7.164.2.5 **CopyFrom() [1/2]**

```
void briar::RecordList::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.164.2.6 **CopyFrom() [2/2]**

```
void briar::RecordList::CopyFrom (
    const RecordList & from )
```

7.164.2.7 **default_instance()**

```
const RecordList & briar::RecordList::default_instance ( ) [static]
```

7.164.2.8 **descriptor()**

```
const ::google::protobuf::Descriptor * briar::RecordList::descriptor ( ) [static]
```

7.164.2.9 **GetCachedSize()**

```
int briar::RecordList::GetCachedSize ( ) const [inline], [final]
```

7.164.2.10 GetMetadata()

```
google::protobuf::Metadata briar::RecordList::GetMetadata ( ) const [final]
```

7.164.2.11 InitAsDefaultInstance()

```
void briar::RecordList::InitAsDefaultInstance ( ) [static]
```

7.164.2.12 internal_default_instance()

```
static const RecordList* briar::RecordList::internal_default_instance ( ) [inline], [static]
```

7.164.2.13 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::RecordList::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.164.2.14 IsInitialized()

```
bool briar::RecordList::IsInitialized ( ) const [final]
```

7.164.2.15 MergeFrom() [1/2]

```
void briar::RecordList::MergeFrom ( const ::google::protobuf::Message & from ) [final]
```

7.164.2.16 MergeFrom() [2/2]

```
void briar::RecordList::MergeFrom ( const RecordList & from )
```

7.164.2.17 MergePartialFromCodedStream()

```
bool briar::RecordList::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.164.2.18 mutable_records() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Record> * briar::RecordList::mutable_records ( )
[inline]
```

7.164.2.19 mutable_records() [2/2]

```
briar::Record * briar::RecordList::mutable_records (
    int index ) [inline]
```

7.164.2.20 New() [1/2]

```
RecordList* briar::RecordList::New ( ) const [inline], [final]
```

7.164.2.21 New() [2/2]

```
RecordList* briar::RecordList::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.164.2.22 operator=()

```
RecordList& briar::RecordList::operator= (
    const RecordList & from ) [inline]
```

7.164.2.23 records() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Record> & briar::RecordList::records ( )
const [inline]
```

7.164.2.24 records() [2/2]

```
const ::briar::Record & briar::RecordList::records (
    int index ) const [inline]
```

7.164.2.25 records_size()

```
int briar::RecordList::records_size ( ) const [inline]
```

7.164.2.26 SerializeWithCachedSizes()

```
void briar::RecordList::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.164.2.27 Swap()

```
void briar::RecordList::Swap (
    RecordList * other )
```

7.164.3 Friends And Related Function Documentation**7.164.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.164.3.2 swap

```
void swap (
    RecordList & a,
    RecordList & b ) [friend]
```

7.164.4 Member Data Documentation

7.164.4.1 kIndexInFileMessages

```
constexpr int briar::RecordList::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 33
```

7.164.4.2 kRecordsFieldNumber

```
const int briar::RecordList::kRecordsFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.165 briar::RecordListDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[RecordList](#)> [_instance](#)

7.165.1 Member Data Documentation

7.165.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<RecordList> briar::RecordListDefaultTypeInternal::_instance
```

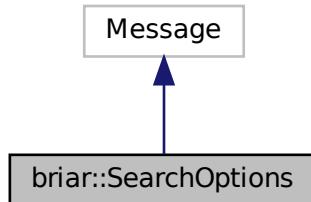
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

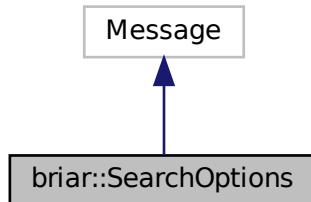
7.166 briar::SearchOptions Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::SearchOptions:



Collaboration diagram for briar::SearchOptions:



Public Member Functions

- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [clear_flag \(\)](#)
- void [clear_full \(\)](#)
- void [clear_max_results \(\)](#)
- void [clear_modality \(\)](#)
- void [clear_out_dir \(\)](#)
- void [clear_output_type \(\)](#)
- void [clear_probe_database \(\)](#)
- void [clear_return_matrix \(\)](#)
- void [clear_return_media \(\)](#)
- void [clear_search_batch \(\)](#)
- void [clear_search_database \(\)](#)
- void [clear_search_threshold \(\)](#)

- void `clear_use_detections ()`
- void `clear_use_templates ()`
- void `CopyFrom` (const ::google::protobuf::Message &from) final
- void `CopyFrom` (const `SearchOptions` &from)
- ::briar::SearchFlags `flag () const`
- const ::briar::BoolOption & `full () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_full () const`
- bool `has_max_results () const`
- bool `has_out_dir () const`
- bool `has_output_type () const`
- bool `has_probe_database () const`
- bool `has_return_matrix () const`
- bool `has_return_media () const`
- bool `has_search_batch () const`
- bool `has_search_database () const`
- bool `has_search_threshold () const`
- bool `has_use_detections () const`
- bool `has_use_templates () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized () const final`
- const ::briar::IntOption & `max_results () const`
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `SearchOptions` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BiometricModality `modality () const`
- ::briar::BoolOption * `mutable_full ()`
- ::briar::IntOption * `mutable_max_results ()`
- ::briar::StringOption * `mutable_out_dir ()`
- ::briar::StringOption * `mutable_output_type ()`
- ::briar::StringOption * `mutable_probe_database ()`
- ::briar::BoolOption * `mutable_return_matrix ()`
- ::briar::BoolOption * `mutable_return_media ()`
- ::briar::IntOption * `mutable_search_batch ()`
- ::briar::StringOption * `mutable_search_database ()`
- ::briar::FloatOption * `mutable_search_threshold ()`
- ::briar::BoolOption * `mutable_use_detections ()`
- ::briar::BoolOption * `mutable_use_templates ()`
- `SearchOptions * New () const final`
- `SearchOptions * New` (::google::protobuf::Arena *arena) const final
- `SearchOptions & operator=` (const `SearchOptions` &from)
- const ::briar::StringOption & `out_dir () const`
- const ::briar::StringOption & `output_type () const`
- const ::briar::StringOption & `probe_database () const`
- ::briar::BoolOption * `release_full ()`
- ::briar::IntOption * `release_max_results ()`
- ::briar::StringOption * `release_out_dir ()`
- ::briar::StringOption * `release_output_type ()`
- ::briar::StringOption * `release_probe_database ()`
- ::briar::BoolOption * `release_return_matrix ()`
- ::briar::BoolOption * `release_return_media ()`
- ::briar::IntOption * `release_search_batch ()`
- ::briar::StringOption * `release_search_database ()`

- `::briar::FloatOption * release_search_threshold ()`
- `::briar::BoolOption * release_use_detections ()`
- `::briar::BoolOption * release_use_templates ()`
- `const ::briar::BoolOption & return_matrix () const`
- `const ::briar::BoolOption & return_media () const`
- `const ::briar::IntOption & search_batch () const`
- `const ::briar::StringOption & search_database () const`
- `const ::briar::FloatOption & search_threshold () const`
- `SearchOptions ()`
- `SearchOptions (const SearchOptions &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_full (::briar::BoolOption *full)`
- `void set_allocated_max_results (::briar::IntOption *max_results)`
- `void set_allocated_out_dir (::briar::StringOption *out_dir)`
- `void set_allocated_output_type (::briar::StringOption *output_type)`
- `void set_allocated_probe_database (::briar::StringOption *probe_database)`
- `void set_allocated_return_matrix (::briar::BoolOption *return_matrix)`
- `void set_allocated_return_media (::briar::BoolOption *return_media)`
- `void set_allocated_search_batch (::briar::IntOption *search_batch)`
- `void set_allocated_search_database (::briar::StringOption *search_database)`
- `void set_allocated_search_threshold (::briar::FloatOption *search_threshold)`
- `void set_allocated_use_detections (::briar::BoolOption *use_detections)`
- `void set_allocated_use_templates (::briar::BoolOption *use_templates)`
- `void set_flag (::briar::SearchFlags value)`
- `void set_modality (::briar::BiometricModality value)`
- `void Swap (SearchOptions *other)`
- `const ::briar::BoolOption & use_detections () const`
- `const ::briar::BoolOption & use_templates () const`
- `virtual ~SearchOptions ()`

Static Public Member Functions

- `static const SearchOptions & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const SearchOptions * internal_default_instance ()`

Static Public Attributes

- `static const int kFlagFieldNumber = 10`
- `static const int kFullFieldNumber = 13`
- `static constexpr int kIndexInFileMessages`
- `static const int kMaxResultsFieldNumber = 6`
- `static const int kModalityFieldNumber = 12`
- `static const int kOutDirFieldNumber = 1`
- `static const int kOutputTypeFieldNumber = 2`
- `static const int kProbeDatabaseFieldNumber = 4`
- `static const int kReturnMatrixFieldNumber = 14`
- `static const int kReturnMediaFieldNumber = 11`
- `static const int kSearchBatchFieldNumber = 7`
- `static const int kSearchDatabaseFieldNumber = 3`
- `static const int kSearchThresholdFieldNumber = 5`
- `static const int kUseDetectionsFieldNumber = 8`
- `static const int kUseTemplatesFieldNumber = 9`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void swap (`SearchOptions &a`, `SearchOptions &b`)

7.166.1 Constructor & Destructor Documentation

7.166.1.1 `SearchOptions()` [1/2]

```
briar::SearchOptions::SearchOptions ( )
```

7.166.1.2 `~SearchOptions()`

```
briar::SearchOptions::~SearchOptions ( ) [virtual]
```

7.166.1.3 `SearchOptions()` [2/2]

```
briar::SearchOptions::SearchOptions (
    const SearchOptions & from )
```

7.166.2 Member Function Documentation

7.166.2.1 `ByteSizeLong()`

```
size_t briar::SearchOptions::ByteSizeLong ( ) const [final]
```

7.166.2.2 `Clear()`

```
void briar::SearchOptions::Clear ( ) [final]
```

7.166.2.3 clear_flag()

```
void briar::SearchOptions::clear_flag ( ) [inline]
```

7.166.2.4 clear_full()

```
void briar::SearchOptions::clear_full ( ) [inline]
```

7.166.2.5 clear_max_results()

```
void briar::SearchOptions::clear_max_results ( ) [inline]
```

7.166.2.6 clear_modality()

```
void briar::SearchOptions::clear_modality ( ) [inline]
```

7.166.2.7 clear_out_dir()

```
void briar::SearchOptions::clear_out_dir ( ) [inline]
```

7.166.2.8 clear_output_type()

```
void briar::SearchOptions::clear_output_type ( ) [inline]
```

7.166.2.9 clear_probe_database()

```
void briar::SearchOptions::clear_probe_database ( ) [inline]
```

7.166.2.10 clear_return_matrix()

```
void briar::SearchOptions::clear_return_matrix ( ) [inline]
```

7.166.2.11 clear_return_media()

```
void briar::SearchOptions::clear_return_media ( ) [inline]
```

7.166.2.12 clear_search_batch()

```
void briar::SearchOptions::clear_search_batch ( ) [inline]
```

7.166.2.13 clear_search_database()

```
void briar::SearchOptions::clear_search_database ( ) [inline]
```

7.166.2.14 clear_search_threshold()

```
void briar::SearchOptions::clear_search_threshold ( ) [inline]
```

7.166.2.15 clear_use_detections()

```
void briar::SearchOptions::clear_use_detections ( ) [inline]
```

7.166.2.16 clear_use_templates()

```
void briar::SearchOptions::clear_use_templates ( ) [inline]
```

7.166.2.17 CopyFrom() [1/2]

```
void briar::SearchOptions::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.166.2.18 CopyFrom() [2/2]

```
void briar::SearchOptions::CopyFrom (
    const SearchOptions & from )
```

7.166.2.19 default_instance()

```
const SearchOptions & briar::SearchOptions::default_instance ( ) [static]
```

7.166.2.20 descriptor()

```
const ::google::protobuf::Descriptor * briar::SearchOptions::descriptor ( ) [static]
```

7.166.2.21 flag()

```
briar::SearchFlags briar::SearchOptions::flag ( ) const [inline]
```

7.166.2.22 full()

```
const ::briar::BoolOption & briar::SearchOptions::full ( ) const [inline]
```

7.166.2.23 GetCachedSize()

```
int briar::SearchOptions::GetCachedSize ( ) const [inline], [final]
```

7.166.2.24 GetMetadata()

```
google::protobuf::Metadata briar::SearchOptions::GetMetadata ( ) const [final]
```

7.166.2.25 has_full()

```
bool briar::SearchOptions::has_full () const [inline]
```

7.166.2.26 has_max_results()

```
bool briar::SearchOptions::has_max_results () const [inline]
```

7.166.2.27 has_out_dir()

```
bool briar::SearchOptions::has_out_dir () const [inline]
```

7.166.2.28 has_output_type()

```
bool briar::SearchOptions::has_output_type () const [inline]
```

7.166.2.29 has_probe_database()

```
bool briar::SearchOptions::has_probe_database () const [inline]
```

7.166.2.30 has_return_matrix()

```
bool briar::SearchOptions::has_return_matrix () const [inline]
```

7.166.2.31 has_return_media()

```
bool briar::SearchOptions::has_return_media () const [inline]
```

7.166.2.32 has_search_batch()

```
bool briar::SearchOptions::has_search_batch () const [inline]
```

7.166.2.33 has_search_database()

```
bool briar::SearchOptions::has_search_database () const [inline]
```

7.166.2.34 has_search_threshold()

```
bool briar::SearchOptions::has_search_threshold () const [inline]
```

7.166.2.35 has_use_detections()

```
bool briar::SearchOptions::has_use_detections () const [inline]
```

7.166.2.36 has_use_templates()

```
bool briar::SearchOptions::has_use_templates () const [inline]
```

7.166.2.37 InitAsDefaultInstance()

```
void briar::SearchOptions::InitAsDefaultInstance () [static]
```

7.166.2.38 internal_default_instance()

```
static const SearchOptions* briar::SearchOptions::internal_default_instance () [inline],  
[static]
```

7.166.2.39 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::SearchOptions::InternalSerializeWithCachedSizesToArray (  
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.166.2.40 IsInitialized()

```
bool briar::SearchOptions::IsInitialized ( ) const [final]
```

7.166.2.41 max_results()

```
const ::briar::IntOption & briar::SearchOptions::max_results ( ) const [inline]
```

7.166.2.42 MergeFrom() [1/2]

```
void briar::SearchOptions::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.166.2.43 MergeFrom() [2/2]

```
void briar::SearchOptions::MergeFrom (
    const SearchOptions & from )
```

7.166.2.44 MergePartialFromCodedStream()

```
bool briar::SearchOptions::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.166.2.45 modality()

```
briar::BiometricModality briar::SearchOptions::modality ( ) const [inline]
```

7.166.2.46 mutable_full()

```
briar::BoolOption * briar::SearchOptions::mutable_full ( ) [inline]
```

7.166.2.47 mutable_max_results()

```
briar::IntOption * briar::SearchOptions::mutable_max_results ( ) [inline]
```

7.166.2.48 mutable_out_dir()

```
briar::StringOption * briar::SearchOptions::mutable_out_dir ( ) [inline]
```

7.166.2.49 mutable_output_type()

```
briar::StringOption * briar::SearchOptions::mutable_output_type ( ) [inline]
```

7.166.2.50 mutable_probe_database()

```
briar::StringOption * briar::SearchOptions::mutable_probe_database ( ) [inline]
```

7.166.2.51 mutable_return_matrix()

```
briar::BoolOption * briar::SearchOptions::mutable_return_matrix ( ) [inline]
```

7.166.2.52 mutable_return_media()

```
briar::BoolOption * briar::SearchOptions::mutable_return_media ( ) [inline]
```

7.166.2.53 mutable_search_batch()

```
briar::IntOption * briar::SearchOptions::mutable_search_batch ( ) [inline]
```

7.166.2.54 mutable_search_database()

```
briar::StringOption * briar::SearchOptions::mutable_search_database ( ) [inline]
```

7.166.2.55 mutable_search_threshold()

```
briar::FloatOption * briar::SearchOptions::mutable_search_threshold ( ) [inline]
```

7.166.2.56 mutable_use_detections()

```
briar::BoolOption * briar::SearchOptions::mutable_use_detections ( ) [inline]
```

7.166.2.57 mutable_use_templates()

```
briar::BoolOption * briar::SearchOptions::mutable_use_templates ( ) [inline]
```

7.166.2.58 New() [1/2]

```
SearchOptions* briar::SearchOptions::New ( ) const [inline], [final]
```

7.166.2.59 New() [2/2]

```
SearchOptions* briar::SearchOptions::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.166.2.60 operator=()

```
SearchOptions& briar::SearchOptions::operator= ( const SearchOptions & from ) [inline]
```

7.166.2.61 out_dir()

```
const ::briar::StringOption & briar::SearchOptions::out_dir ( ) const [inline]
```

7.166.2.62 output_type()

```
const ::briar::StringOption & briar::SearchOptions::output_type ( ) const [inline]
```

7.166.2.63 probe_database()

```
const ::briar::StringOption & briar::SearchOptions::probe_database ( ) const [inline]
```

7.166.2.64 release_full()

```
briar::BoolOption * briar::SearchOptions::release_full ( ) [inline]
```

7.166.2.65 release_max_results()

```
briar::IntOption * briar::SearchOptions::release_max_results ( ) [inline]
```

7.166.2.66 release_out_dir()

```
briar::StringOption * briar::SearchOptions::release_out_dir ( ) [inline]
```

7.166.2.67 release_output_type()

```
briar::StringOption * briar::SearchOptions::release_output_type ( ) [inline]
```

7.166.2.68 release_probe_database()

```
briar::StringOption * briar::SearchOptions::release_probe_database ( ) [inline]
```

7.166.2.69 release_return_matrix()

```
briar::BoolOption * briar::SearchOptions::release_return_matrix ( ) [inline]
```

7.166.2.70 release_return_media()

```
briar::BoolOption * briar::SearchOptions::release_return_media ( ) [inline]
```

7.166.2.71 release_search_batch()

```
briar::IntOption * briar::SearchOptions::release_search_batch ( ) [inline]
```

7.166.2.72 release_search_database()

```
briar::StringOption * briar::SearchOptions::release_search_database ( ) [inline]
```

7.166.2.73 release_search_threshold()

```
briar::FloatOption * briar::SearchOptions::release_search_threshold ( ) [inline]
```

7.166.2.74 release_use_detections()

```
briar::BoolOption * briar::SearchOptions::release_use_detections ( ) [inline]
```

7.166.2.75 release_use_templates()

```
briar::BoolOption * briar::SearchOptions::release_use_templates ( ) [inline]
```

7.166.2.76 return_matrix()

```
const ::briar::BoolOption & briar::SearchOptions::return_matrix ( ) const [inline]
```

7.166.2.77 return_media()

```
const ::briar::BoolOption & briar::SearchOptions::return_media ( ) const [inline]
```

7.166.2.78 search_batch()

```
const ::briar::IntOption & briar::SearchOptions::search_batch ( ) const [inline]
```

7.166.2.79 search_database()

```
const ::briar::StringOption & briar::SearchOptions::search_database ( ) const [inline]
```

7.166.2.80 search_threshold()

```
const ::briar::FloatOption & briar::SearchOptions::search_threshold ( ) const [inline]
```

7.166.2.81 SerializeWithCachedSizes()

```
void briar::SearchOptions::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.166.2.82 set_allocated_full()

```
void briar::SearchOptions::set_allocated_full (
    ::briar::BoolOption * full ) [inline]
```

7.166.2.83 set_allocated_max_results()

```
void briar::SearchOptions::set_allocated_max_results (
    ::briar::IntOption * max_results ) [inline]
```

7.166.2.84 set_allocated_out_dir()

```
void briar::SearchOptions::set_allocated_out_dir (
    ::briar::StringOption * out_dir ) [inline]
```

7.166.2.85 set_allocated_output_type()

```
void briar::SearchOptions::set_allocated_output_type (
    ::briar::StringOption * output_type ) [inline]
```

7.166.2.86 set_allocated_probe_database()

```
void briar::SearchOptions::set_allocated_probe_database (
    ::briar::StringOption * probe_database ) [inline]
```

7.166.2.87 set_allocated_return_matrix()

```
void briar::SearchOptions::set_allocated_return_matrix (
    ::briar::BoolOption * return_matrix ) [inline]
```

7.166.2.88 set_allocated_return_media()

```
void briar::SearchOptions::set_allocated_return_media (
    ::briar::BoolOption * return_media ) [inline]
```

7.166.2.89 set_allocated_search_batch()

```
void briar::SearchOptions::set_allocated_search_batch (
    ::briar::IntOption * search_batch ) [inline]
```

7.166.2.90 set_allocated_search_database()

```
void briar::SearchOptions::set_allocated_search_database (
    ::briar::StringOption * search_database ) [inline]
```

7.166.2.91 set_allocated_search_threshold()

```
void briar::SearchOptions::set_allocated_search_threshold (
    ::briar::FloatOption * search_threshold ) [inline]
```

7.166.2.92 set_allocated_use_detections()

```
void briar::SearchOptions::set_allocated_use_detections (
    ::briar::BoolOption * use_detections ) [inline]
```

7.166.2.93 set_allocated_use_templates()

```
void briar::SearchOptions::set_allocated_use_templates (
    ::briar::BoolOption * use_templates ) [inline]
```

7.166.2.94 set_flag()

```
void briar::SearchOptions::set_flag (
    ::briar::SearchFlags value ) [inline]
```

7.166.2.95 set_modality()

```
void briar::SearchOptions::set_modality (
    ::briar::BiometricModality value ) [inline]
```

7.166.2.96 Swap()

```
void briar::SearchOptions::Swap (
    SearchOptions * other )
```

7.166.2.97 use_detections()

```
const ::briar::BoolOption & briar::SearchOptions::use_detections ( ) const [inline]
```

7.166.2.98 use_templates()

```
const ::briar::BoolOption & briar::SearchOptions::use_templates ( ) const [inline]
```

7.166.3 Friends And Related Function Documentation

7.166.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.166.3.2 swap

```
void swap (
    SearchOptions & a,
    SearchOptions & b ) [friend]
```

7.166.4 Member Data Documentation

7.166.4.1 kFlagFieldNumber

```
const int briar::SearchOptions::kFlagFieldNumber = 10 [static]
```

7.166.4.2 kFullFieldNumber

```
const int briar::SearchOptions::kFullFieldNumber = 13 [static]
```

7.166.4.3 kIndexInFileMessages

```
constexpr int briar::SearchOptions::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 8
```

7.166.4.4 kMaxResultsFieldNumber

```
const int briar::SearchOptions::kMaxResultsFieldNumber = 6 [static]
```

7.166.4.5 kModalityFieldNumber

```
const int briar::SearchOptions::kModalityFieldNumber = 12 [static]
```

7.166.4.6 kOutDirFieldNumber

```
const int briar::SearchOptions::kOutDirFieldNumber = 1 [static]
```

7.166.4.7 kOutputTypeFieldNumber

```
const int briar::SearchOptions::kOutputTypeFieldNumber = 2 [static]
```

7.166.4.8 kProbeDatabaseFieldNumber

```
const int briar::SearchOptions::kProbeDatabaseFieldNumber = 4 [static]
```

7.166.4.9 kReturnMatrixFieldNumber

```
const int briar::SearchOptions::kReturnMatrixFieldNumber = 14 [static]
```

7.166.4.10 kReturnMediaFieldNumber

```
const int briar::SearchOptions::kReturnMediaFieldNumber = 11 [static]
```

7.166.4.11 kSearchBatchFieldNumber

```
const int briar::SearchOptions::kSearchBatchFieldNumber = 7 [static]
```

7.166.4.12 kSearchDatabaseFieldNumber

```
const int briar::SearchOptions::kSearchDatabaseFieldNumber = 3 [static]
```

7.166.4.13 kSearchThresholdFieldNumber

```
const int briar::SearchOptions::kSearchThresholdFieldNumber = 5 [static]
```

7.166.4.14 kUseDetectionsFieldNumber

```
const int briar::SearchOptions::kUseDetectionsFieldNumber = 8 [static]
```

7.166.4.15 kUseTemplatesFieldNumber

```
const int briar::SearchOptions::kUseTemplatesFieldNumber = 9 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.167 briar::SearchOptionsDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [SearchOptions](#) > [_instance](#)

7.167.1 Member Data Documentation

7.167.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed< SearchOptions > briar::SearchOptions<→
DefaultTypeInternal:::_instance
```

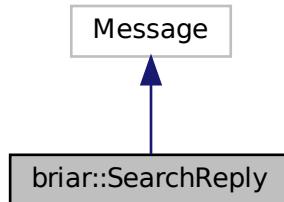
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

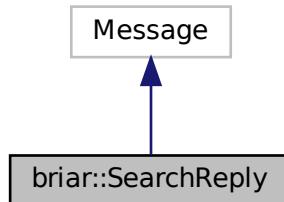
7.168 briar::SearchReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::SearchReply:



Collaboration diagram for briar::SearchReply:



Public Member Functions

- ::briar::BriarDurations * [add_durations \(\)](#)
- ::briar::Detection * [add_probe_detections \(\)](#)
- ::briar::MatchList * [add_similarities \(\)](#)
- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [clear_detect_reply \(\)](#)
- void [clear_durations \(\)](#)
- void [clear_errors \(\)](#)
- void [clear_extract_reply \(\)](#)
- void [clear_match_matrix \(\)](#)
- void [clear_probe_detections \(\)](#)
- void [clear_probe_media \(\)](#)
- void [clear_progress \(\)](#)
- void [clear_similarities \(\)](#)

- void `CopyFrom` (const ::google::protobuf::Message &from) final
- void `CopyFrom` (const `SearchReply` &from)
- const ::briar::DetectReply & `detect_reply` () const
- const ::google::protobuf::RepeatedPtrField< ::briar::BriarDurations > & `durations` () const
- const ::briar::BriarDurations & `durations` (int index) const
- int `durations_size` () const
- const ::briar::BriarErrors & `errors` () const
- const ::briar::ExtractReply & `extract_reply` () const
- int `GetCachedSize` () const final
- ::google::protobuf::Metadata `GetMetadata` () const final
- bool `has_detect_reply` () const
- bool `has_errors` () const
- bool `has_extract_reply` () const
- bool `has_match_matrix` () const
- bool `has_probe_media` () const
- bool `has_progress` () const
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized` () const final
- const ::briar::BriarMatrix & `match_matrix` () const
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `SearchReply` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::briar::DetectReply * `mutable_detect_reply` ()
- ::google::protobuf::RepeatedPtrField< ::briar::BriarDurations > * `mutable_durations` ()
- ::briar::BriarDurations * `mutable_durations` (int index)
- ::briar::BriarErrors * `mutable_errors` ()
- ::briar::ExtractReply * `mutable_extract_reply` ()
- ::briar::BriarMatrix * `mutable_match_matrix` ()
- ::google::protobuf::RepeatedPtrField< ::briar::Detection > * `mutable_probe_detections` ()
- ::briar::Detection * `mutable_probe_detections` (int index)
- ::briar::BriarMedia * `mutable_probe_media` ()
- ::briar::BriarProgress * `mutable_progress` ()
- ::google::protobuf::RepeatedPtrField< ::briar::MatchList > * `mutable_similarities` ()
- ::briar::MatchList * `mutable_similarities` (int index)
- `SearchReply` * `New` () const final
- `SearchReply` * `New` (::google::protobuf::Arena *arena) const final
- `SearchReply` & `operator=` (const `SearchReply` &from)
- const ::google::protobuf::RepeatedPtrField< ::briar::Detection > & `probe_detections` () const
- const ::briar::Detection & `probe_detections` (int index) const
- int `probe_detections_size` () const
- const ::briar::BriarMedia & `probe_media` () const
- const ::briar::BriarProgress & `progress` () const
- ::briar::DetectReply * `release_detect_reply` ()
- ::briar::BriarErrors * `release_errors` ()
- ::briar::ExtractReply * `release_extract_reply` ()
- ::briar::BriarMatrix * `release_match_matrix` ()
- ::briar::BriarMedia * `release_probe_media` ()
- ::briar::BriarProgress * `release_progress` ()
- `SearchReply` ()
- `SearchReply` (const `SearchReply` &from)
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_allocated_detect_reply` (::briar::DetectReply *`detect_reply`)
- void `set_allocated_errors` (::briar::BriarErrors *`errors`)
- void `set_allocated_extract_reply` (::briar::ExtractReply *`extract_reply`)

- void `set_allocated_match_matrix` (::briar::BriarMatrix *`match_matrix`)
- void `set_allocated_probe_media` (::briar::BriarMedia *`probe_media`)
- void `set_allocated_progress` (::briar::BriarProgress *`progress`)
- const ::google::protobuf::RepeatedPtrField< ::briar::MatchList > & `similarities` () const
- const ::briar::MatchList & `similarities` (int index) const
- int `similarities_size` () const
- void `Swap` (SearchReply *`other`)
- virtual ~SearchReply ()

Static Public Member Functions

- static const SearchReply & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const SearchReply * `internal_default_instance` ()

Static Public Attributes

- static const int `kDetectReplyFieldNumber` = 4
- static const int `kDurationsFieldNumber` = 3
- static const int `kErrorsFieldNumber` = 6
- static const int `kExtractReplyFieldNumber` = 5
- static constexpr int `kIndexInFileMessages`
- static const int `kMatchMatrixFieldNumber` = 9
- static const int `kProbeDetectionsFieldNumber` = 2
- static const int `kProbeMediaFieldNumber` = 8
- static const int `kProgressFieldNumber` = 7
- static const int `kSimilaritiesFieldNumber` = 1

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void `swap` (SearchReply &`a`, SearchReply &`b`)

7.168.1 Constructor & Destructor Documentation

7.168.1.1 SearchReply() [1/2]

```
briar::SearchReply::SearchReply ( )
```

7.168.1.2 ~SearchReply()

```
briar::SearchReply::~SearchReply ( ) [virtual]
```

7.168.1.3 `SearchReply()` [2/2]

```
briar::SearchReply::SearchReply (
    const SearchReply & from )
```

7.168.2 Member Function Documentation

7.168.2.1 `add_durations()`

```
briar::BriarDurations * briar::SearchReply::add_durations ( ) [inline]
```

7.168.2.2 `add_probe_detections()`

```
briar::Detection * briar::SearchReply::add_probe_detections ( ) [inline]
```

7.168.2.3 `add_similarities()`

```
briar::MatchList * briar::SearchReply::add_similarities ( ) [inline]
```

7.168.2.4 `ByteSizeLong()`

```
size_t briar::SearchReply::ByteSizeLong ( ) const [final]
```

7.168.2.5 `Clear()`

```
void briar::SearchReply::Clear ( ) [final]
```

7.168.2.6 `clear_detect_reply()`

```
void briar::SearchReply::clear_detect_reply ( ) [inline]
```

7.168.2.7 clear_durations()

```
void briar::SearchReply::clear_durations ( )
```

7.168.2.8 clear_errors()

```
void briar::SearchReply::clear_errors ( )
```

7.168.2.9 clear_extract_reply()

```
void briar::SearchReply::clear_extract_reply ( ) [inline]
```

7.168.2.10 clear_match_matrix()

```
void briar::SearchReply::clear_match_matrix ( )
```

7.168.2.11 clear_probe_detections()

```
void briar::SearchReply::clear_probe_detections ( )
```

7.168.2.12 clear_probe_media()

```
void briar::SearchReply::clear_probe_media ( )
```

7.168.2.13 clear_progress()

```
void briar::SearchReply::clear_progress ( )
```

7.168.2.14 clear_similarities()

```
void briar::SearchReply::clear_similarities ( )
```

7.168.2.15 CopyFrom() [1/2]

```
void briar::SearchReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.168.2.16 CopyFrom() [2/2]

```
void briar::SearchReply::CopyFrom (
    const SearchReply & from )
```

7.168.2.17 default_instance()

```
const SearchReply & briar::SearchReply::default_instance ( ) [static]
```

7.168.2.18 descriptor()

```
const ::google::protobuf::Descriptor * briar::SearchReply::descriptor ( ) [static]
```

7.168.2.19 detect_reply()

```
const ::briar::DetectReply & briar::SearchReply::detect_reply ( ) const [inline]
```

7.168.2.20 durations() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::BriarDurations> & briar::SearchReply::durations ( ) const [inline]
```

7.168.2.21 durations() [2/2]

```
const ::briar::BriarDurations & briar::SearchReply::durations (
    int index ) const [inline]
```

7.168.2.22 durations_size()

```
int briar::SearchReply::durations_size ( ) const [inline]
```

7.168.2.23 errors()

```
const ::briar::BriarErrors & briar::SearchReply::errors ( ) const [inline]
```

7.168.2.24 extract_reply()

```
const ::briar::ExtractReply & briar::SearchReply::extract_reply ( ) const [inline]
```

7.168.2.25 GetCachedSize()

```
int briar::SearchReply::GetCachedSize ( ) const [inline], [final]
```

7.168.2.26 GetMetadata()

```
google::protobuf::Metadata briar::SearchReply::GetMetadata ( ) const [final]
```

7.168.2.27 has_detect_reply()

```
bool briar::SearchReply::has_detect_reply ( ) const [inline]
```

7.168.2.28 has_errors()

```
bool briar::SearchReply::has_errors ( ) const [inline]
```

7.168.2.29 has_extract_reply()

```
bool briar::SearchReply::has_extract_reply ( ) const [inline]
```

7.168.2.30 has_match_matrix()

```
bool briar::SearchReply::has_match_matrix ( ) const [inline]
```

7.168.2.31 has_probe_media()

```
bool briar::SearchReply::has_probe_media ( ) const [inline]
```

7.168.2.32 has_progress()

```
bool briar::SearchReply::has_progress ( ) const [inline]
```

7.168.2.33 InitAsDefaultInstance()

```
void briar::SearchReply::InitAsDefaultInstance ( ) [static]
```

7.168.2.34 internal_default_instance()

```
static const SearchReply* briar::SearchReply::internal_default_instance ( ) [inline], [static]
```

7.168.2.35 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::SearchReply::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.168.2.36 IsInitialized()

```
bool briar::SearchReply::IsInitialized ( ) const [final]
```

7.168.2.37 match_matrix()

```
const ::briar::BriarMatrix & briar::SearchReply::match_matrix ( ) const [inline]
```

7.168.2.38 MergeFrom() [1/2]

```
void briar::SearchReply::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.168.2.39 MergeFrom() [2/2]

```
void briar::SearchReply::MergeFrom (
    const SearchReply & from )
```

7.168.2.40 MergePartialFromCodedStream()

```
bool briar::SearchReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.168.2.41 mutable_detect_reply()

```
briar::DetectReply * briar::SearchReply::mutable_detect_reply ( ) [inline]
```

7.168.2.42 mutable_durations() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::BriarDurations> * briar::SearchReply::mutable_durations ( ) [inline]
```

7.168.2.43 mutable_durations() [2/2]

```
briar::BriarDurations * briar::SearchReply::mutable_durations (
    int index ) [inline]
```

7.168.2.44 mutable_errors()

```
briar::BriarErrors * briar::SearchReply::mutable_errors ( ) [inline]
```

7.168.2.45 mutable_extract_reply()

```
briar::ExtractReply * briar::SearchReply::mutable_extract_reply ( ) [inline]
```

7.168.2.46 mutable_match_matrix()

```
briar::BriarMatrix * briar::SearchReply::mutable_match_matrix ( ) [inline]
```

7.168.2.47 mutable_probe_detections() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::SearchReply::mutable_probe_detections ( ) [inline]
```

7.168.2.48 mutable_probe_detections() [2/2]

```
briar::Detection * briar::SearchReply::mutable_probe_detections ( int index ) [inline]
```

7.168.2.49 mutable_probe_media()

```
briar::BriarMedia * briar::SearchReply::mutable_probe_media ( ) [inline]
```

7.168.2.50 mutable_progress()

```
briar::BriarProgress * briar::SearchReply::mutable_progress ( ) [inline]
```

7.168.2.51 mutable_similarities() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::MatchList> * briar::SearchReply::mutable_similarities()
( ) [inline]
```

7.168.2.52 mutable_similarities() [2/2]

```
briar::MatchList * briar::SearchReply::mutable_similarities(
    int index ) [inline]
```

7.168.2.53 New() [1/2]

```
SearchReply* briar::SearchReply::New( ) const [inline], [final]
```

7.168.2.54 New() [2/2]

```
SearchReply* briar::SearchReply::New(
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.168.2.55 operator=()

```
SearchReply& briar::SearchReply::operator=
    const SearchReply & from ) [inline]
```

7.168.2.56 probe_detections() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::SearchReply::probe_detections()
( ) const [inline]
```

7.168.2.57 probe_detections() [2/2]

```
const ::briar::Detection & briar::SearchReply::probe_detections(
    int index ) const [inline]
```

7.168.2.58 probe_detections_size()

```
int briar::SearchReply::probe_detections_size ( ) const [inline]
```

7.168.2.59 probe_media()

```
const ::briar::BriarMedia & briar::SearchReply::probe_media ( ) const [inline]
```

7.168.2.60 progress()

```
const ::briar::BriarProgress & briar::SearchReply::progress ( ) const [inline]
```

7.168.2.61 release_detect_reply()

```
briar::DetectReply * briar::SearchReply::release_detect_reply ( ) [inline]
```

7.168.2.62 release_errors()

```
briar::BriarErrors * briar::SearchReply::release_errors ( ) [inline]
```

7.168.2.63 release_extract_reply()

```
briar::ExtractReply * briar::SearchReply::release_extract_reply ( ) [inline]
```

7.168.2.64 release_match_matrix()

```
briar::BriarMatrix * briar::SearchReply::release_match_matrix ( ) [inline]
```

7.168.2.65 release_probe_media()

```
briar::BriarMedia * briar::SearchReply::release_probe_media ( ) [inline]
```

7.168.2.66 release_progress()

```
briar::BriarProgress * briar::SearchReply::release_progress ( ) [inline]
```

7.168.2.67 SerializeWithCachedSizes()

```
void briar::SearchReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.168.2.68 set_allocated_detect_reply()

```
void briar::SearchReply::set_allocated_detect_reply (
    ::briar::DetectReply * detect_reply ) [inline]
```

7.168.2.69 set_allocated_errors()

```
void briar::SearchReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.168.2.70 set_allocated_extract_reply()

```
void briar::SearchReply::set_allocated_extract_reply (
    ::briar::ExtractReply * extract_reply ) [inline]
```

7.168.2.71 set_allocated_match_matrix()

```
void briar::SearchReply::set_allocated_match_matrix (
    ::briar::BriarMatrix * match_matrix ) [inline]
```

7.168.2.72 set_allocated_probe_media()

```
void briar::SearchReply::set_allocated_probe_media (
    ::briar::BriarMedia * probe_media ) [inline]
```

7.168.2.73 set_allocated_progress()

```
void briar::SearchReply::set_allocated_progress (
    ::briar::BriarProgress * progress ) [inline]
```

7.168.2.74 similarities() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::MatchList> & briar::SearchReply::similarities (
    ) const [inline]
```

7.168.2.75 similarities() [2/2]

```
const ::briar::MatchList & briar::SearchReply::similarities (
    int index ) const [inline]
```

7.168.2.76 similarities_size()

```
int briar::SearchReply::similarities_size ( ) const [inline]
```

7.168.2.77 Swap()

```
void briar::SearchReply::Swap (
    SearchReply * other )
```

7.168.3 Friends And Related Function Documentation

7.168.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.168.3.2 swap

```
void swap (
    SearchReply & a,
    SearchReply & b ) [friend]
```

7.168.4 Member Data Documentation

7.168.4.1 kDetectReplyFieldNumber

```
const int briar::SearchReply::kDetectReplyFieldNumber = 4 [static]
```

7.168.4.2 kDurationsFieldNumber

```
const int briar::SearchReply::kDurationsFieldNumber = 3 [static]
```

7.168.4.3 kErrorsFieldNumber

```
const int briar::SearchReply::kErrorsFieldNumber = 6 [static]
```

7.168.4.4 kExtractReplyFieldNumber

```
const int briar::SearchReply::kExtractReplyFieldNumber = 5 [static]
```

7.168.4.5 kIndexInFileMessages

```
constexpr int briar::SearchReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 36
```

7.168.4.6 kMatchMatrixFieldNumber

```
const int briar::SearchReply::kMatchMatrixFieldNumber = 9 [static]
```

7.168.4.7 kProbeDetectionsFieldNumber

```
const int briar::SearchReply::kProbeDetectionsFieldNumber = 2 [static]
```

7.168.4.8 kProbeMediaFieldNumber

```
const int briar::SearchReply::kProbeMediaFieldNumber = 8 [static]
```

7.168.4.9 kProgressFieldNumber

```
const int briar::SearchReply::kProgressFieldNumber = 7 [static]
```

7.168.4.10 kSimilaritiesFieldNumber

```
const int briar::SearchReply::kSimilaritiesFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.169 briar::SearchReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [SearchReply](#) > [_instance](#)

7.169.1 Member Data Documentation

7.169.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed< SearchReply > briar::SearchReplyDefault<→  
TypeInternal:::_instance
```

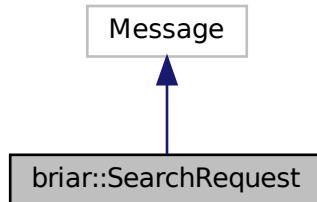
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

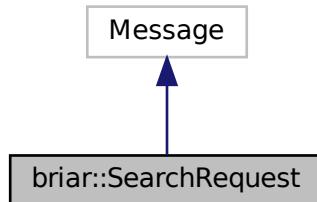
7.170 briar::SearchRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::SearchRequest:



Collaboration diagram for briar::SearchRequest:



Public Member Functions

- ::briar::Detection * [add_detections \(\)](#)
- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [clear_context \(\)](#)
- void [clear_database \(\)](#)
- void [clear_detect_options \(\)](#)
- void [clear_detections \(\)](#)
- void [clear_durations \(\)](#)
- void [clear_extract_options \(\)](#)
- void [clear_media \(\)](#)
- void [clear_probe_database \(\)](#)
- void [clear_probes \(\)](#)
- void [clear_record \(\)](#)
- void [clear_search_options \(\)](#)

- const ::briar::EvalConfig & context () const
- void CopyFrom (const ::google::protobuf::Message &from) final
- void CopyFrom (const SearchRequest &from)
- const ::briar::BriarDatabase & database () const
- const ::briar::DetectionOptions & detect_options () const
- const ::google::protobuf::RepeatedPtrField< ::briar::Detection > & detections () const
- const ::briar::Detection & detections (int index) const
- int detections_size () const
- const ::briar::BriarDurations & durations () const
- const ::briar::ExtractOptions & extract_options () const
- int GetCachedSize () const final
- ::google::protobuf::Metadata GetMetadata () const final
- bool has_context () const
- bool has_database () const
- bool has_detect_options () const
- bool has_durations () const
- bool has_extract_options () const
- bool has_media () const
- bool has_probe_database () const
- bool has_probes () const
- bool has_record () const
- bool has_search_options () const
- ::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool IsInitialized () const final
- const ::briar::BriarMedia & media () const
- void MergeFrom (const ::google::protobuf::Message &from) final
- void MergeFrom (const SearchRequest &from)
- bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final
- ::briar::EvalConfig * mutable_context ()
- ::briar::BriarDatabase * mutable_database ()
- ::briar::DetectionOptions * mutable_detect_options ()
- ::google::protobuf::RepeatedPtrField< ::briar::Detection > * mutable_detections ()
- ::briar::Detection * mutable_detections (int index)
- ::briar::BriarDurations * mutable_durations ()
- ::briar::ExtractOptions * mutable_extract_options ()
- ::briar::BriarMedia * mutable_media ()
- ::briar::BriarDatabase * mutable_probe_database ()
- ::briar::TemplateList * mutable_probes ()
- ::briar::Record * mutable_record ()
- ::briar::SearchOptions * mutable_search_options ()
- SearchRequest * New () const final
- SearchRequest * New (::google::protobuf::Arena *arena) const final
- SearchRequest & operator= (const SearchRequest &from)
- const ::briar::BriarDatabase & probe_database () const
- const ::briar::TemplateList & probes () const
- const ::briar::Record & record () const
- ::briar::EvalConfig * release_context ()
- ::briar::BriarDatabase * release_database ()
- ::briar::DetectionOptions * release_detect_options ()
- ::briar::BriarDurations * release_durations ()
- ::briar::ExtractOptions * release_extract_options ()
- ::briar::BriarMedia * release_media ()
- ::briar::BriarDatabase * release_probe_database ()
- ::briar::TemplateList * release_probes ()

- `::briar::Record * release_record ()`
- `::briar::SearchOptions * release_search_options ()`
- `const ::briar::SearchOptions & search_options () const`
- `SearchRequest ()`
- `SearchRequest (const SearchRequest &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_context (::briar::EvalConfig *context)`
- `void set_allocated_database (::briar::BriarDatabase *database)`
- `void set_allocated_detect_options (::briar::DetectionOptions *detect_options)`
- `void set_allocated_durations (::briar::BriarDurations *durations)`
- `void set_allocated_extract_options (::briar::ExtractOptions *extract_options)`
- `void set_allocated_media (::briar::BriarMedia *media)`
- `void set_allocated_probe_database (::briar::BriarDatabase *probe_database)`
- `void set_allocated_probes (::briar::TemplateList *probes)`
- `void set_allocated_record (::briar::Record *record)`
- `void set_allocated_search_options (::briar::SearchOptions *search_options)`
- `void Swap (SearchRequest *other)`
- `virtual ~SearchRequest ()`

Static Public Member Functions

- `static const SearchRequest & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const SearchRequest * internal_default_instance ()`

Static Public Attributes

- `static const int kContextFieldNumber = 5`
- `static const int kDatabaseFieldNumber = 4`
- `static const int kDetectionsFieldNumber = 2`
- `static const int kDetectOptionsFieldNumber = 9`
- `static const int kDurationsFieldNumber = 8`
- `static const int kExtractOptionsFieldNumber = 10`
- `static constexpr int kIndexInFileMessages`
- `static const int kMediaFieldNumber = 1`
- `static const int kProbeDatabaseFieldNumber = 7`
- `static const int kProbesFieldNumber = 3`
- `static const int kRecordFieldNumber = 6`
- `static const int kSearchOptionsFieldNumber = 11`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- `void swap (SearchRequest &a, SearchRequest &b)`

7.170.1 Constructor & Destructor Documentation

7.170.1.1 **SearchRequest()** [1/2]

```
briar::SearchRequest::SearchRequest ( )
```

7.170.1.2 **~SearchRequest()**

```
briar::SearchRequest::~SearchRequest ( ) [virtual]
```

7.170.1.3 **SearchRequest()** [2/2]

```
briar::SearchRequest::SearchRequest ( const SearchRequest & from )
```

7.170.2 Member Function Documentation

7.170.2.1 **add_detections()**

```
briar::Detection * briar::SearchRequest::add_detections ( ) [inline]
```

7.170.2.2 **ByteSizeLong()**

```
size_t briar::SearchRequest::ByteSizeLong ( ) const [final]
```

7.170.2.3 **Clear()**

```
void briar::SearchRequest::Clear ( ) [final]
```

7.170.2.4 **clear_context()**

```
void briar::SearchRequest::clear_context ( )
```

7.170.2.5 clear_database()

```
void briar::SearchRequest::clear_database ( )
```

7.170.2.6 clear_detect_options()

```
void briar::SearchRequest::clear_detect_options ( )
```

7.170.2.7 clear_detections()

```
void briar::SearchRequest::clear_detections ( )
```

7.170.2.8 clear_durations()

```
void briar::SearchRequest::clear_durations ( )
```

7.170.2.9 clear_extract_options()

```
void briar::SearchRequest::clear_extract_options ( )
```

7.170.2.10 clear_media()

```
void briar::SearchRequest::clear_media ( )
```

7.170.2.11 clear_probe_database()

```
void briar::SearchRequest::clear_probe_database ( )
```

7.170.2.12 clear_probes()

```
void briar::SearchRequest::clear_probes ( )
```

7.170.2.13 clear_record()

```
void briar::SearchRequest::clear_record ( )
```

7.170.2.14 clear_search_options()

```
void briar::SearchRequest::clear_search_options ( )
```

7.170.2.15 context()

```
const ::briar::EvalConfig & briar::SearchRequest::context ( ) const [inline]
```

7.170.2.16 CopyFrom() [1/2]

```
void briar::SearchRequest::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.170.2.17 CopyFrom() [2/2]

```
void briar::SearchRequest::CopyFrom (
    const SearchRequest & from)
```

7.170.2.18 database()

```
const ::briar::BriarDatabase & briar::SearchRequest::database ( ) const [inline]
```

7.170.2.19 default_instance()

```
const SearchRequest & briar::SearchRequest::default_instance ( ) [static]
```

7.170.2.20 descriptor()

```
const ::google::protobuf::Descriptor * briar::SearchRequest::descriptor() [static]
```

7.170.2.21 detect_options()

```
const ::briar::DetectionOptions & briar::SearchRequest::detect_options() const [inline]
```

7.170.2.22 detections() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::SearchRequest::detections() const [inline]
```

7.170.2.23 detections() [2/2]

```
const ::briar::Detection & briar::SearchRequest::detections(int index) const [inline]
```

7.170.2.24 detections_size()

```
int briar::SearchRequest::detections_size() const [inline]
```

7.170.2.25 durations()

```
const ::briar::BriarDurations & briar::SearchRequest::durations() const [inline]
```

7.170.2.26 extract_options()

```
const ::briar::ExtractOptions & briar::SearchRequest::extract_options() const [inline]
```

7.170.2.27 GetCachedSize()

```
int briar::SearchRequest::GetCachedSize ( ) const [inline], [final]
```

7.170.2.28 GetMetadata()

```
google::protobuf::Metadata briar::SearchRequest::GetMetadata ( ) const [final]
```

7.170.2.29 has_context()

```
bool briar::SearchRequest::has_context ( ) const [inline]
```

7.170.2.30 has_database()

```
bool briar::SearchRequest::has_database ( ) const [inline]
```

7.170.2.31 has_detect_options()

```
bool briar::SearchRequest::has_detect_options ( ) const [inline]
```

7.170.2.32 has_durations()

```
bool briar::SearchRequest::has_durations ( ) const [inline]
```

7.170.2.33 has_extract_options()

```
bool briar::SearchRequest::has_extract_options ( ) const [inline]
```

7.170.2.34 has_media()

```
bool briar::SearchRequest::has_media ( ) const [inline]
```

7.170.2.35 has_probe_database()

```
bool briar::SearchRequest::has_probe_database ( ) const [inline]
```

7.170.2.36 has_probes()

```
bool briar::SearchRequest::has_probes ( ) const [inline]
```

7.170.2.37 has_record()

```
bool briar::SearchRequest::has_record ( ) const [inline]
```

7.170.2.38 has_search_options()

```
bool briar::SearchRequest::has_search_options ( ) const [inline]
```

7.170.2.39 InitAsDefaultInstance()

```
void briar::SearchRequest::InitAsDefaultInstance ( ) [static]
```

7.170.2.40 internal_default_instance()

```
static const SearchRequest* briar::SearchRequest::internal_default_instance ( ) [inline],  
[static]
```

7.170.2.41 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::SearchRequest::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.170.2.42 IsInitialized()

```
bool briar::SearchRequest::IsInitialized ( ) const [final]
```

7.170.2.43 media()

```
const ::briar::BriarMedia & briar::SearchRequest::media ( ) const [inline]
```

7.170.2.44 MergeFrom() [1/2]

```
void briar::SearchRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.170.2.45 MergeFrom() [2/2]

```
void briar::SearchRequest::MergeFrom (
    const SearchRequest & from )
```

7.170.2.46 MergePartialFromCodedStream()

```
bool briar::SearchRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.170.2.47 mutable_context()

```
briar::EvalConfig * briar::SearchRequest::mutable_context ( ) [inline]
```

7.170.2.48 mutable_database()

```
briar::BriarDatabase * briar::SearchRequest::mutable_database ( ) [inline]
```

7.170.2.49 mutable_detect_options()

```
briar::DetectionOptions * briar::SearchRequest::mutable_detect_options ( ) [inline]
```

7.170.2.50 mutable_detections() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::SearchRequest::mutable_<->  
detections ( ) [inline]
```

7.170.2.51 mutable_detections() [2/2]

```
briar::Detection * briar::SearchRequest::mutable_detections (   
    int index ) [inline]
```

7.170.2.52 mutable_durations()

```
briar::BriarDurations * briar::SearchRequest::mutable_durations ( ) [inline]
```

7.170.2.53 mutable_extract_options()

```
briar::ExtractOptions * briar::SearchRequest::mutable_extract_options ( ) [inline]
```

7.170.2.54 mutable_media()

```
briar::BriarMedia * briar::SearchRequest::mutable_media ( ) [inline]
```

7.170.2.55 mutable_probe_database()

```
briar::BriarDatabase * briar::SearchRequest::mutable_probe_database ( ) [inline]
```

7.170.2.56 mutable_probes()

```
briar::TemplateList * briar::SearchRequest::mutable_probes ( ) [inline]
```

7.170.2.57 mutable_record()

```
briar::Record * briar::SearchRequest::mutable_record ( ) [inline]
```

7.170.2.58 mutable_search_options()

```
briar::SearchOptions * briar::SearchRequest::mutable_search_options ( ) [inline]
```

7.170.2.59 New() [1/2]

```
SearchRequest* briar::SearchRequest::New ( ) const [inline], [final]
```

7.170.2.60 New() [2/2]

```
SearchRequest* briar::SearchRequest::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.170.2.61 operator=()

```
SearchRequest& briar::SearchRequest::operator= ( const SearchRequest & from ) [inline]
```

7.170.2.62 probe_database()

```
const ::briar::BriarDatabase & briar::SearchRequest::probe_database ( ) const [inline]
```

7.170.2.63 probes()

```
const ::briar::TemplateList & briar::SearchRequest::probes () const [inline]
```

7.170.2.64 record()

```
const ::briar::Record & briar::SearchRequest::record () const [inline]
```

7.170.2.65 release_context()

```
briar::EvalConfig * briar::SearchRequest::release_context () [inline]
```

7.170.2.66 release_database()

```
briar::BriarDatabase * briar::SearchRequest::release_database () [inline]
```

7.170.2.67 release_detect_options()

```
briar::DetectionOptions * briar::SearchRequest::release_detect_options () [inline]
```

7.170.2.68 release_durations()

```
briar::BriarDurations * briar::SearchRequest::release_durations () [inline]
```

7.170.2.69 release_extract_options()

```
briar::ExtractOptions * briar::SearchRequest::release_extract_options () [inline]
```

7.170.2.70 release_media()

```
briar::BriarMedia * briar::SearchRequest::release_media () [inline]
```

7.170.2.71 release_probe_database()

```
briar::BriarDatabase * briar::SearchRequest::release_probe_database ( ) [inline]
```

7.170.2.72 release_probes()

```
briar::TemplateList * briar::SearchRequest::release_probes ( ) [inline]
```

7.170.2.73 release_record()

```
briar::Record * briar::SearchRequest::release_record ( ) [inline]
```

7.170.2.74 release_search_options()

```
briar::SearchOptions * briar::SearchRequest::release_search_options ( ) [inline]
```

7.170.2.75 search_options()

```
const ::briar::SearchOptions & briar::SearchRequest::search_options ( ) const [inline]
```

7.170.2.76 SerializeWithCachedSizes()

```
void briar::SearchRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.170.2.77 set_allocated_context()

```
void briar::SearchRequest::set_allocated_context (
    ::briar::EvalConfig * context ) [inline]
```

7.170.2.78 set_allocated_database()

```
void briar::SearchRequest::set_allocated_database (
    ::briar::BriarDatabase * database ) [inline]
```

7.170.2.79 set_allocated_detect_options()

```
void briar::SearchRequest::set_allocated_detect_options (
    ::briar::DetectionOptions * detect_options ) [inline]
```

7.170.2.80 set_allocated_durations()

```
void briar::SearchRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.170.2.81 set_allocated_extract_options()

```
void briar::SearchRequest::set_allocated_extract_options (
    ::briar::ExtractOptions * extract_options ) [inline]
```

7.170.2.82 set_allocated_media()

```
void briar::SearchRequest::set_allocated_media (
    ::briar::BriarMedia * media ) [inline]
```

7.170.2.83 set_allocated_probe_database()

```
void briar::SearchRequest::set_allocated_probe_database (
    ::briar::BriarDatabase * probe_database ) [inline]
```

7.170.2.84 set_allocated_probes()

```
void briar::SearchRequest::set_allocated_probes (
    ::briar::TemplateList * probes ) [inline]
```

7.170.2.85 set_allocated_record()

```
void briar::SearchRequest::set_allocated_record (
    ::briar::Record * record ) [inline]
```

7.170.2.86 set_allocated_search_options()

```
void briar::SearchRequest::set_allocated_search_options (
    ::briar::SearchOptions * search_options ) [inline]
```

7.170.2.87 Swap()

```
void briar::SearchRequest::Swap (
    SearchRequest * other )
```

7.170.3 Friends And Related Function Documentation

7.170.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.170.3.2 swap

```
void swap (
    SearchRequest & a,
    SearchRequest & b ) [friend]
```

7.170.4 Member Data Documentation

7.170.4.1 kContextFieldNumber

```
const int briar::SearchRequest::kContextFieldNumber = 5 [static]
```

7.170.4.2 kDatabaseFieldNumber

```
const int briar::SearchRequest::kDatabaseFieldNumber = 4 [static]
```

7.170.4.3 kDetectionsFieldNumber

```
const int briar::SearchRequest::kDetectionsFieldNumber = 2 [static]
```

7.170.4.4 kDetectOptionsFieldNumber

```
const int briar::SearchRequest::kDetectOptionsFieldNumber = 9 [static]
```

7.170.4.5 kDurationsFieldNumber

```
const int briar::SearchRequest::kDurationsFieldNumber = 8 [static]
```

7.170.4.6 kExtractOptionsFieldNumber

```
const int briar::SearchRequest::kExtractOptionsFieldNumber = 10 [static]
```

7.170.4.7 kIndexInFileMessages

```
constexpr int briar::SearchRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
=  
    35
```

7.170.4.8 kMediaFieldNumber

```
const int briar::SearchRequest::kMediaFieldNumber = 1 [static]
```

7.170.4.9 kProbeDatabaseFieldNumber

```
const int briar::SearchRequest::kProbeDatabaseFieldNumber = 7 [static]
```

7.170.4.10 kProbesFieldNumber

```
const int briar::SearchRequest::kProbesFieldNumber = 3 [static]
```

7.170.4.11 kRecordFieldNumber

```
const int briar::SearchRequest::kRecordFieldNumber = 6 [static]
```

7.170.4.12 kSearchOptionsFieldNumber

```
const int briar::SearchRequest::kSearchOptionsFieldNumber = 11 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.171 briar::SearchRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[SearchRequest](#)> [_instance](#)

7.171.1 Member Data Documentation

7.171.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<SearchRequest> briar::SearchRequest<→  
DefaultTypeInternal>::_instance
```

The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.172 protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::StaticDescriptorInitializer Struct Reference

Public Member Functions

- [StaticDescriptorInitializer \(\)](#)

7.172.1 Constructor & Destructor Documentation

7.172.1.1 StaticDescriptorInitializer()

```
protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::StaticDescriptorInitializer::StaticDescriptorInitializer ( ) [inline]
```

The documentation for this struct was generated from the following file:

- [/home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.cc](#)

7.173 protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::StaticDescriptorInitializer Struct Reference

Public Member Functions

- [StaticDescriptorInitializer \(\)](#)

7.173.1 Constructor & Destructor Documentation

7.173.1.1 StaticDescriptorInitializer()

```
protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::StaticDescriptorInitializer::StaticDescriptorInitializer ( ) [inline]
```

The documentation for this struct was generated from the following file:

- [/home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_error.pb.cc](#)

7.174 `protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::StaticDescriptorInitializer` Struct Reference

Public Member Functions

- `StaticDescriptorInitializer ()`

7.174.1 Constructor & Destructor Documentation

7.174.1.1 `StaticDescriptorInitializer()`

```
protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::StaticDescriptorInitializer::StaticDescriptorInitializer ( ) [inline]
```

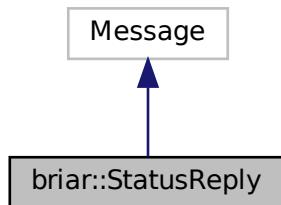
The documentation for this struct was generated from the following file:

- `/home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc`

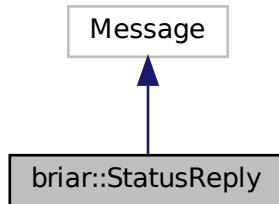
7.175 `briar::StatusReply` Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for `briar::StatusReply`:



Collaboration diagram for briar::StatusReply:



Public Member Functions

- `::briar::Attribute * add_configuration ()`
- `const ::briar::APIVersion & api_version () const`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_api_version ()`
- `void clear_configuration ()`
- `void clear_developer_name ()`
- `void clear_service_name ()`
- `void clear_status ()`
- `void clear_version ()`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & configuration () const`
- `const ::briar::Attribute & configuration (int index) const`
- `int configuration_size () const`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const StatusReply &from)`
- `const ::std::string & developer_name () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_api_version () const`
- `bool has_version () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const StatusReply &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::briar::APIVersion * mutable_api_version ()`
- `::google::protobuf::RepeatedPtrField< ::briar::Attribute > * mutable_configuration ()`
- `::briar::Attribute * mutable_configuration (int index)`
- `::std::string * mutable_developer_name ()`
- `::std::string * mutable_service_name ()`
- `::briar::APIVersion * mutable_version ()`
- `StatusReply * New () const final`
- `StatusReply * New (::google::protobuf::Arena *arena) const final`
- `StatusReply & operator= (const StatusReply &from)`

- `::briar::APIVersion * release_api_version ()`
- `::std::string * release_developer_name ()`
- `::std::string * release_service_name ()`
- `::briar::APIVersion * release_version ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `const ::std::string & service_name () const`
- `void set_allocated_api_version (::briar::APIVersion *api_version)`
- `void set_allocated_developer_name (::std::string *developer_name)`
- `void set_allocated_service_name (::std::string *service_name)`
- `void set_allocated_version (::briar::APIVersion *version)`
- `void set_developer_name (const ::std::string &value)`
- `void set_developer_name (const char *value)`
- `void set_developer_name (const char *value, size_t size)`
- `void set_service_name (const ::std::string &value)`
- `void set_service_name (const char *value)`
- `void set_service_name (const char *value, size_t size)`
- `void set_status (::briar::BriarServiceStatus value)`
- `::briar::BriarServiceStatus status () const`
- `StatusReply ()`
- `StatusReply (const StatusReply &from)`
- `void Swap (StatusReply *other)`
- `const ::briar::APIVersion & version () const`
- `virtual ~StatusReply ()`

Static Public Member Functions

- `static const StatusReply & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const StatusReply * internal_default_instance ()`

Static Public Attributes

- `static const int kApiVersionFieldNumber = 6`
- `static const int kConfigurationFieldNumber = 5`
- `static const int kDeveloperNameFieldNumber = 1`
- `static constexpr int kIndexInFileMessages`
- `static const int kServiceNameFieldNumber = 2`
- `static const int kStatusFieldNumber = 4`
- `static const int kVersionFieldNumber = 3`

Friends

- `struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- `void swap (StatusReply &a, StatusReply &b)`

7.175.1 Constructor & Destructor Documentation

7.175.1.1 StatusReply() [1/2]

```
briar::StatusReply::StatusReply ( )
```

7.175.1.2 ~StatusReply()

```
briar::StatusReply::~StatusReply ( ) [virtual]
```

7.175.1.3 StatusReply() [2/2]

```
briar::StatusReply::StatusReply (
    const StatusReply & from )
```

7.175.2 Member Function Documentation**7.175.2.1 add_configuration()**

```
briar::Attribute * briar::StatusReply::add_configuration ( ) [inline]
```

7.175.2.2 api_version()

```
const ::briar::APIVersion & briar::StatusReply::api_version ( ) const [inline]
```

7.175.2.3 ByteSizeLong()

```
size_t briar::StatusReply::ByteSizeLong ( ) const [final]
```

7.175.2.4 Clear()

```
void briar::StatusReply::Clear ( ) [final]
```

7.175.2.5 clear_api_version()

```
void briar::StatusReply::clear_api_version ( )
```

7.175.2.6 clear_configuration()

```
void briar::StatusReply::clear_configuration ( )
```

7.175.2.7 clear_developer_name()

```
void briar::StatusReply::clear_developer_name ( ) [inline]
```

7.175.2.8 clear_service_name()

```
void briar::StatusReply::clear_service_name ( ) [inline]
```

7.175.2.9 clear_status()

```
void briar::StatusReply::clear_status ( ) [inline]
```

7.175.2.10 clear_version()

```
void briar::StatusReply::clear_version ( )
```

7.175.2.11 configuration() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::StatusReply::configuration  
( ) const [inline]
```

7.175.2.12 configuration() [2/2]

```
const ::briar::Attribute & briar::StatusReply::configuration (
    int index ) const [inline]
```

7.175.2.13 configuration_size()

```
int briar::StatusReply::configuration_size () const [inline]
```

7.175.2.14 CopyFrom() [1/2]

```
void briar::StatusReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.175.2.15 CopyFrom() [2/2]

```
void briar::StatusReply::CopyFrom (
    const StatusReply & from )
```

7.175.2.16 default_instance()

```
const StatusReply & briar::StatusReply::default_instance () [static]
```

7.175.2.17 descriptor()

```
const ::google::protobuf::Descriptor * briar::StatusReply::descriptor () [static]
```

7.175.2.18 developer_name()

```
const ::std::string & briar::StatusReply::developer_name () const [inline]
```

7.175.2.19 GetCachedSize()

```
int briar::StatusReply::GetCachedSize ( ) const [inline], [final]
```

7.175.2.20 GetMetadata()

```
google::protobuf::Metadata briar::StatusReply::GetMetadata ( ) const [final]
```

7.175.2.21 has_api_version()

```
bool briar::StatusReply::has_api_version ( ) const [inline]
```

7.175.2.22 has_version()

```
bool briar::StatusReply::has_version ( ) const [inline]
```

7.175.2.23 InitAsDefaultInstance()

```
void briar::StatusReply::InitAsDefaultInstance ( ) [static]
```

7.175.2.24 internal_default_instance()

```
static const StatusReply* briar::StatusReply::internal_default_instance ( ) [inline], [static]
```

7.175.2.25 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::StatusReply::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.175.2.26 IsInitialized()

```
bool briar::StatusReply::IsInitialized ( ) const [final]
```

7.175.2.27 MergeFrom() [1/2]

```
void briar::StatusReply::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.175.2.28 MergeFrom() [2/2]

```
void briar::StatusReply::MergeFrom (
    const StatusReply & from )
```

7.175.2.29 MergePartialFromCodedStream()

```
bool briar::StatusReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.175.2.30 mutable_api_version()

```
briar::APIVersion * briar::StatusReply::mutable_api_version ( ) [inline]
```

7.175.2.31 mutable_configuration() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::StatusReply::mutable_configuration
( ) [inline]
```

7.175.2.32 mutable_configuration() [2/2]

```
briar::Attribute * briar::StatusReply::mutable_configuration (
    int index ) [inline]
```

7.175.2.33 mutable_developer_name()

```
std::string * briar::StatusReply::mutable_developer_name ( ) [inline]
```

7.175.2.34 mutable_service_name()

```
std::string * briar::StatusReply::mutable_service_name ( ) [inline]
```

7.175.2.35 mutable_version()

```
briar::APIVersion * briar::StatusReply::mutable_version ( ) [inline]
```

7.175.2.36 New() [1/2]

```
StatusReply* briar::StatusReply::New ( ) const [inline], [final]
```

7.175.2.37 New() [2/2]

```
StatusReply* briar::StatusReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.175.2.38 operator=()

```
StatusReply& briar::StatusReply::operator= ( const StatusReply & from ) [inline]
```

7.175.2.39 release_api_version()

```
briar::APIVersion * briar::StatusReply::release_api_version ( ) [inline]
```

7.175.2.40 release_developer_name()

```
std::string * briar::StatusReply::release_developer_name ( ) [inline]
```

7.175.2.41 release_service_name()

```
std::string * briar::StatusReply::release_service_name ( ) [inline]
```

7.175.2.42 release_version()

```
briar::APIVersion * briar::StatusReply::release_version ( ) [inline]
```

7.175.2.43 SerializeWithCachedSizes()

```
void briar::StatusReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.175.2.44 service_name()

```
const ::std::string & briar::StatusReply::service_name ( ) const [inline]
```

7.175.2.45 set_allocated_api_version()

```
void briar::StatusReply::set_allocated_api_version (
    ::briar::APIVersion * api_version ) [inline]
```

7.175.2.46 set_allocated_developer_name()

```
void briar::StatusReply::set_allocated_developer_name (
    ::std::string * developer_name ) [inline]
```

7.175.2.47 set_allocated_service_name()

```
void briar::StatusReply::set_allocated_service_name (
    ::std::string * service_name ) [inline]
```

7.175.2.48 set_allocated_version()

```
void briar::StatusReply::set_allocated_version (
    ::briar::APIVersion * version ) [inline]
```

7.175.2.49 set_developer_name() [1/3]

```
void briar::StatusReply::set_developer_name (
    const ::std::string & value ) [inline]
```

7.175.2.50 set_developer_name() [2/3]

```
void briar::StatusReply::set_developer_name (
    const char * value ) [inline]
```

7.175.2.51 set_developer_name() [3/3]

```
void briar::StatusReply::set_developer_name (
    const char * value,
    size_t size ) [inline]
```

7.175.2.52 set_service_name() [1/3]

```
void briar::StatusReply::set_service_name (
    const ::std::string & value ) [inline]
```

7.175.2.53 set_service_name() [2/3]

```
void briar::StatusReply::set_service_name (
    const char * value ) [inline]
```

7.175.2.54 set_service_name() [3/3]

```
void briar::StatusReply::set_service_name (
    const char * value,
    size_t size ) [inline]
```

7.175.2.55 set_status()

```
void briar::StatusReply::set_status (
    ::briar::BriarServiceStatus value ) [inline]
```

7.175.2.56 status()

```
briar::BriarServiceStatus briar::StatusReply::status ( ) const [inline]
```

7.175.2.57 Swap()

```
void briar::StatusReply::Swap (
    StatusReply * other )
```

7.175.2.58 version()

```
const ::briar::APIVersion & briar::StatusReply::version ( ) const [inline]
```

7.175.3 Friends And Related Function Documentation**7.175.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.175.3.2 swap

```
void swap (
    StatusReply & a,
    StatusReply & b ) [friend]
```

7.175.4 Member Data Documentation

7.175.4.1 kApiVersionFieldNumber

```
const int briar::StatusReply::kApiVersionFieldNumber = 6 [static]
```

7.175.4.2 kConfigurationFieldNumber

```
const int briar::StatusReply::kConfigurationFieldNumber = 5 [static]
```

7.175.4.3 kDeveloperNameFieldNumber

```
const int briar::StatusReply::kDeveloperNameFieldNumber = 1 [static]
```

7.175.4.4 kIndexInFileMessages

```
constexpr int briar::StatusReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 8
```

7.175.4.5 kServiceNameFieldNumber

```
const int briar::StatusReply::kServiceNameFieldNumber = 2 [static]
```

7.175.4.6 kStatusFieldNumber

```
const int briar::StatusReply::kStatusFieldNumber = 4 [static]
```

7.175.4.7 kVersionFieldNumber

```
const int briar::StatusReply::kVersionFieldNumber = 3 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.176 briar::StatusReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[StatusReply](#)> `_instance`

7.176.1 Member Data Documentation

7.176.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<StatusReply> briar::StatusReplyDefault←  
TypeInternal::__instance
```

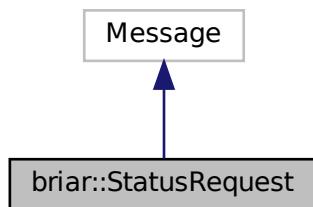
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

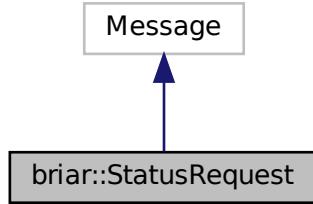
7.177 briar::StatusRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::StatusRequest:



Collaboration diagram for briar::StatusRequest:



Public Member Functions

- size_t [ByteSizeLong](#) () const final
- void [Clear](#) () final
- void [CopyFrom](#) (const ::google::protobuf::Message &from) final
- void [CopyFrom](#) (const [StatusRequest](#) &from)
- int [GetCachedSize](#) () const final
- ::google::protobuf::Metadata [GetMetadata](#) () const final
- ::google::protobuf::uint8 * [InternalSerializeWithCachedSizesToArray](#) (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool [IsInitialized](#) () const final
- void [MergeFrom](#) (const ::google::protobuf::Message &from) final
- void [MergeFrom](#) (const [StatusRequest](#) &from)
- bool [MergePartialFromCodedStream](#) (::google::protobuf::io::CodedInputStream *input) final
- [StatusRequest](#) * [New](#) () const final
- [StatusRequest](#) * [New](#) (::google::protobuf::Arena *arena) const final
- [StatusRequest](#) & [operator=](#) (const [StatusRequest](#) &from)
- void [SerializeWithCachedSizes](#) (::google::protobuf::io::CodedOutputStream *output) const final
- [StatusRequest](#) ()
- [StatusRequest](#) (const [StatusRequest](#) &from)
- void [Swap](#) ([StatusRequest](#) *other)
- virtual ~[StatusRequest](#) ()

Static Public Member Functions

- static const [StatusRequest](#) & [default_instance](#) ()
- static const ::google::protobuf::Descriptor * [descriptor](#) ()
- static void [InitAsDefaultInstance](#) ()
- static const [StatusRequest](#) * [internal_default_instance](#) ()

Static Public Attributes

- static constexpr int [kIndexInFileMessages](#)

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void swap (`StatusRequest &a, StatusRequest &b`)

7.177.1 Constructor & Destructor Documentation

7.177.1.1 `StatusRequest()` [1/2]

```
briar::StatusRequest::StatusRequest ( )
```

7.177.1.2 `~StatusRequest()`

```
briar::StatusRequest::~StatusRequest ( ) [virtual]
```

7.177.1.3 `StatusRequest()` [2/2]

```
briar::StatusRequest::StatusRequest (
    const StatusRequest & from )
```

7.177.2 Member Function Documentation

7.177.2.1 `ByteSizeLong()`

```
size_t briar::StatusRequest::ByteSizeLong ( ) const [final]
```

7.177.2.2 `Clear()`

```
void briar::StatusRequest::Clear ( ) [final]
```

7.177.2.3 CopyFrom() [1/2]

```
void briar::StatusRequest::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.177.2.4 CopyFrom() [2/2]

```
void briar::StatusRequest::CopyFrom (
    const StatusRequest & from)
```

7.177.2.5 default_instance()

```
const StatusRequest & briar::StatusRequest::default_instance () [static]
```

7.177.2.6 descriptor()

```
const ::google::protobuf::Descriptor * briar::StatusRequest::descriptor () [static]
```

7.177.2.7 GetCachedSize()

```
int briar::StatusRequest::GetCachedSize () const [inline], [final]
```

7.177.2.8 GetMetadata()

```
google::protobuf::Metadata briar::StatusRequest::GetMetadata () const [final]
```

7.177.2.9 InitAsDefaultInstance()

```
void briar::StatusRequest::InitAsDefaultInstance () [static]
```

7.177.2.10 internal_default_instance()

```
static const StatusRequest* briar::StatusRequest::internal_default_instance ( ) [inline],  
[static]
```

7.177.2.11 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::StatusRequest::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.177.2.12 IsInitialized()

```
bool briar::StatusRequest::IsInitialized ( ) const [final]
```

7.177.2.13 MergeFrom() [1/2]

```
void briar::StatusRequest::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.177.2.14 MergeFrom() [2/2]

```
void briar::StatusRequest::MergeFrom (   
    const StatusRequest & from )
```

7.177.2.15 MergePartialFromCodedStream()

```
bool briar::StatusRequest::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.177.2.16 New() [1/2]

```
StatusRequest* briar::StatusRequest::New ( ) const [inline], [final]
```

7.177.2.17 `New()` [2/2]

```
StatusRequest* briar::StatusRequest::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.177.2.18 `operator=(*)`

```
StatusRequest& briar::StatusRequest::operator= (
    const StatusRequest & from ) [inline]
```

7.177.2.19 `SerializeWithCachedSizes()`

```
void briar::StatusRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.177.2.20 `Swap()`

```
void briar::StatusRequest::Swap (
    StatusRequest * other )
```

7.177.3 Friends And Related Function Documentation

7.177.3.1 `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.177.3.2 `swap`

```
void swap (
    StatusRequest & a,
    StatusRequest & b ) [friend]
```

7.177.4 Member Data Documentation

7.177.4.1 kIndexInFileMessages

```
constexpr int briar::StatusRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 7
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.178 briar::StatusRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[StatusRequest](#)> [_instance](#)

7.178.1 Member Data Documentation

7.178.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<StatusRequest> briar::StatusRequest<->
DefaultTypeInternal:::_instance
```

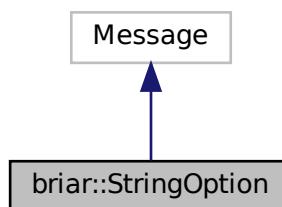
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

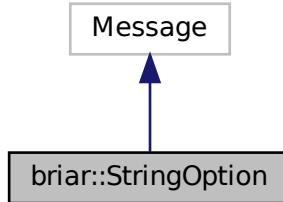
7.179 briar::StringOption Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::StringOption:



Collaboration diagram for briar::StringOption:



Public Member Functions

- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_override_default ()`
- `void clear_value ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const StringOption &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const StringOption &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::std::string * mutable_value ()`
- `StringOption * New () const final`
- `StringOption * New (::google::protobuf::Arena *arena) const final`
- `StringOption & operator= (const StringOption &from)`
- `bool override_default () const`
- `::std::string * release_value ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_value (::std::string *value)`
- `void set_override_default (bool value)`
- `void set_value (const ::std::string &value)`
- `void set_value (const char *value)`
- `void set_value (const char *value, size_t size)`
- `StringOption ()`
- `StringOption (const StringOption &from)`
- `void Swap (StringOption *other)`
- `const ::std::string & value () const`
- `virtual ~StringOption ()`

Static Public Member Functions

- static const `StringOption & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `StringOption * internal_default_instance ()`

Static Public Attributes

- static constexpr int `kIndexInFileMessages`
- static const int `kOverrideDefaultFieldNumber = 1`
- static const int `kValueFieldNumber = 2`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (StringOption &a, StringOption &b)`

7.179.1 Constructor & Destructor Documentation

7.179.1.1 `StringOption()` [1/2]

```
briar::StringOption::StringOption ( )
```

7.179.1.2 `~StringOption()`

```
briar::StringOption::~StringOption ( ) [virtual]
```

7.179.1.3 `StringOption()` [2/2]

```
briar::StringOption::StringOption (
    const StringOption & from )
```

7.179.2 Member Function Documentation

7.179.2.1 ByteSizeLong()

```
size_t briar::StringOption::ByteSizeLong ( ) const [final]
```

7.179.2.2 Clear()

```
void briar::StringOption::Clear ( ) [final]
```

7.179.2.3 clear_override_default()

```
void briar::StringOption::clear_override_default ( ) [inline]
```

7.179.2.4 clear_value()

```
void briar::StringOption::clear_value ( ) [inline]
```

7.179.2.5 CopyFrom() [1/2]

```
void briar::StringOption::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.179.2.6 CopyFrom() [2/2]

```
void briar::StringOption::CopyFrom (
    const StringOption & from )
```

7.179.2.7 default_instance()

```
const StringOption & briar::StringOption::default_instance ( ) [static]
```

7.179.2.8 descriptor()

```
const ::google::protobuf::Descriptor * briar::StringOption::descriptor () [static]
```

7.179.2.9 GetCachedSize()

```
int briar::StringOption::GetCachedSize () const [inline], [final]
```

7.179.2.10 GetMetadata()

```
google::protobuf::Metadata briar::StringOption::GetMetadata () const [final]
```

7.179.2.11 InitAsDefaultInstance()

```
void briar::StringOption::InitAsDefaultInstance () [static]
```

7.179.2.12 internal_default_instance()

```
static const StringOption* briar::StringOption::internal_default_instance () [inline], [static]
```

7.179.2.13 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::StringOption::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.179.2.14 IsInitialized()

```
bool briar::StringOption::IsInitialized () const [final]
```

7.179.2.15 MergeFrom() [1/2]

```
void briar::StringOption::MergeFrom (
    const ::google::protobuf::Message & from) [final]
```

7.179.2.16 MergeFrom() [2/2]

```
void briar::StringOption::MergeFrom (
    const StringOption & from)
```

7.179.2.17 MergePartialFromCodedStream()

```
bool briar::StringOption::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input) [final]
```

7.179.2.18 mutable_value()

```
std::string * briar::StringOption::mutable_value () [inline]
```

7.179.2.19 New() [1/2]

```
StringOption* briar::StringOption::New () const [inline], [final]
```

7.179.2.20 New() [2/2]

```
StringOption* briar::StringOption::New (
    ::google::protobuf::Arena * arena) const [inline], [final]
```

7.179.2.21 operator=()

```
StringOption& briar::StringOption::operator= (
    const StringOption & from) [inline]
```

7.179.2.22 override_default()

```
bool briar::StringOption::override_default ( ) const [inline]
```

7.179.2.23 release_value()

```
std::string * briar::StringOption::release_value ( ) [inline]
```

7.179.2.24 SerializeWithCachedSizes()

```
void briar::StringOption::SerializeWithCachedSizes (  
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.179.2.25 set_allocated_value()

```
void briar::StringOption::set_allocated_value (   
    ::std::string * value ) [inline]
```

7.179.2.26 set_override_default()

```
void briar::StringOption::set_override_default (   
    bool value ) [inline]
```

7.179.2.27 set_value() [1/3]

```
void briar::StringOption::set_value (   
    const ::std::string & value ) [inline]
```

7.179.2.28 set_value() [2/3]

```
void briar::StringOption::set_value (   
    const char * value ) [inline]
```

7.179.2.29 set_value() [3/3]

```
void briar::StringOption::set_value (
    const char * value,
    size_t size ) [inline]
```

7.179.2.30 Swap()

```
void briar::StringOption::Swap (
    StringOption * other )
```

7.179.2.31 value()

```
const ::std::string & briar::StringOption::value ( ) const [inline]
```

7.179.3 Friends And Related Function Documentation**7.179.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.179.3.2 swap

```
void swap (
    StringOption & a,
    StringOption & b ) [friend]
```

7.179.4 Member Data Documentation**7.179.4.1 kIndexInFileMessages**

```
constexpr int briar::StringOption::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 1
```

7.179.4.2 kOverrideDefaultFieldNumber

```
const int briar::StringOption::kOverrideDefaultFieldNumber = 1 [static]
```

7.179.4.3 kValueFieldNumber

```
const int briar::StringOption::kValueFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.180 briar::StringOptionDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[StringOption](#)> [_instance](#)

7.180.1 Member Data Documentation

7.180.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<StringOption> briar::StringOptionDefaultTypeInternal:::\_instance
```

The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.181 protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::Table Struct Struct Reference

```
#include <briar_service.pb.h>
```

Static Public Attributes

- static const ::google::protobuf::internal::AuxillaryParseTableField **aux** []
- static const ::google::protobuf::internal::ParseTableField **entries** []
- static const ::google::protobuf::internal::FieldMetadata **field_metadata** []
- static const ::google::protobuf::uint32 **offsets** []
- static const ::google::protobuf::internal::ParseTable **schema** [43]
- static const ::google::protobuf::internal::SerializationTable **serialization_table** []

7.181.1 Member Data Documentation

7.181.1.1 aux

```
const ::google::protobuf::internal::AuxillaryParseTableField protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct::aux[] [static]
```

7.181.1.2 entries

```
const ::google::protobuf::internal::ParseTableField protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct::entries[] [static]
```

7.181.1.3 field_metadata

```
const ::google::protobuf::internal::FieldMetadata protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct::field_metadata[] [static]
```

7.181.1.4 offsets

```
const ::google::protobuf::uint32 protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct::offsets[] [static]
```

7.181.1.5 schema

```
const ::google::protobuf::internal::ParseTable protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct::schema[43] [static]
```

7.181.1.6 serialization_table

```
const ::google::protobuf::internal::SerializationTable protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct::serialization_table[] [static]
```

The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)

7.182 protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct Struct Reference

```
#include <briar.pb.h>
```

Static Public Attributes

- static const ::google::protobuf::internal::AuxillaryParseTableField [aux](#) []
- static const ::google::protobuf::internal::ParseTableField [entries](#) []
- static const ::google::protobuf::internal::FieldMetadata [field_metadata](#) []
- static const ::google::protobuf::uint32 [offsets](#) []
- static const ::google::protobuf::internal::ParseTable [schema](#) [47]
- static const ::google::protobuf::internal::SerializationTable [serialization_table](#) []

7.182.1 Member Data Documentation

7.182.1.1 aux

```
const ::google::protobuf::internal::AuxillaryParseTableField protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct::aux[] [static]
```

7.182.1.2 entries

```
const ::google::protobuf::internal::ParseTableField protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct::entries[] [static]
```

7.182.1.3 field_metadata

```
const ::google::protobuf::internal::FieldMetadata protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct::field_metadata[] [static]
```

7.182.1.4 offsets

```
const ::google::protobuf::uint32 protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct::offsets[] [static]
```

7.182.1.5 schema

```
const ::google::protobuf::internal::ParseTable protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct::schema[47] [static]
```

7.182.1.6 serialization_table

```
const ::google::protobuf::internal::SerializationTable protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct::serialization_table[] [static]
```

The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)

7.183 protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::Table Struct Struct Reference

```
#include <briar_error.pb.h>
```

Static Public Attributes

- static const ::google::protobuf::internal::AuxillaryParseTableField [aux](#) []
- static const ::google::protobuf::internal::ParseTableField [entries](#) []
- static const ::google::protobuf::internal::FieldMetadata [field_metadata](#) []
- static const ::google::protobuf::uint32 [offsets](#) []
- static const ::google::protobuf::internal::ParseTable [schema](#) [2]
- static const ::google::protobuf::internal::SerializationTable [serialization_table](#) []

7.183.1 Member Data Documentation

7.183.1.1 aux

```
const ::google::protobuf::internal::AuxillaryParseTableField protobuf_briar_2fbriar_5fgRPC_2fbriar_5ferror_2eproto::TableStruct::aux[] [static]
```

7.183.1.2 entries

```
const ::google::protobuf::internal::ParseTableField protobuf_briar_2fbriar_5fgRPC_2fbriar_5ferror_2eproto::TableStruct::entries[] [static]
```

7.183.1.3 field_metadata

```
const ::google::protobuf::internal::FieldMetadata protobuf_briar_2fbriar_5fgRPC_2fbriar_5ferror_2eproto::TableStruct::field_metadata[] [static]
```

7.183.1.4 offsets

```
const ::google::protobuf::uint32 protobuf_briar_2fbriar_5fgRPC_2fbriar_5ferror_2eproto::TableStruct::offsets[] [static]
```

7.183.1.5 schema

```
const ::google::protobuf::internal::ParseTable protobuf_briar_2fbriar_5fgRPC_2fbriar_5ferror_2eproto::TableStruct::schema[2] [static]
```

7.183.1.6 serialization_table

```
const ::google::protobuf::internal::SerializationTable protobuf_briar_2fbriar_5fgRPC_2fbriar_5ferror_2eproto::TableStruct::serialization_table[] [static]
```

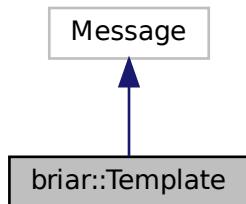
The documentation for this struct was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_error.pb.h](#)

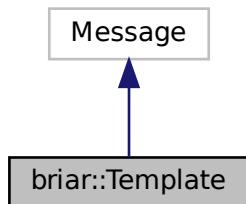
7.184 briar::Template Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::Template:



Collaboration diagram for briar::Template:



Public Member Functions

- const ::std::string & [algorithm](#) () const
- const ::std::string & [buffer](#) () const
- size_t [ByteSizeLong](#) () const final
- void [Clear](#) () final
- void [clear_algorithm](#) ()
- void [clear_buffer](#) ()
- void [clear_data](#) ()
- void [clear_id](#) ()
- void [CopyFrom](#) (const ::google::protobuf::Message &from) final
- void [CopyFrom](#) (const [Template](#) &from)
- const ::briar::BriarVector & [data](#) () const
- int [GetCachedSize](#) () const final
- ::google::protobuf::Metadata [GetMetadata](#) () const final
- bool [has_data](#) () const

- const ::std::string & `id` () const
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized` () const final
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `Template` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::std::string * `mutable_algorithm` ()
- ::std::string * `mutable_buffer` ()
- ::briar::BriarVector * `mutable_data` ()
- ::std::string * `mutable_id` ()
- `Template` * `New` () const final
- `Template` * `New` (::google::protobuf::Arena *arena) const final
- `Template` & `operator=` (const `Template` &from)
- ::std::string * `release_algorithm` ()
- ::std::string * `release_buffer` ()
- ::briar::BriarVector * `release_data` ()
- ::std::string * `release_id` ()
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_algorithm` (const ::std::string &value)
- void `set_algorithm` (const char *value)
- void `set_algorithm` (const char *value, size_t size)
- void `set_allocated_algorithm` (::std::string *algorithm)
- void `set_allocated_buffer` (::std::string *buffer)
- void `set_allocated_data` (::briar::BriarVector *data)
- void `set_allocated_id` (::std::string *id)
- void `set_buffer` (const ::std::string &value)
- void `set_buffer` (const char *value)
- void `set_buffer` (const void *value, size_t size)
- void `set_id` (const ::std::string &value)
- void `set_id` (const char *value)
- void `set_id` (const char *value, size_t size)
- void `Swap` (`Template` *other)
- `Template` ()
- `Template` (const `Template` &from)
- virtual ~`Template` ()

Static Public Member Functions

- static const `Template` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `Template` * `internal_default_instance` ()

Static Public Attributes

- static const int `kAlgorithmFieldNumber` = 3
- static const int `kBufferFieldNumber` = 2
- static const int `kDataFieldNumber` = 1
- static const int `kIdFieldNumber` = 4
- static constexpr int `kIndexInFileMessages`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void swap (`Template &a, Template &b`)

7.184.1 Constructor & Destructor Documentation

7.184.1.1 `Template()` [1/2]

```
briar::Template::Template ( )
```

7.184.1.2 `~Template()`

```
briar::Template::~Template ( ) [virtual]
```

7.184.1.3 `Template()` [2/2]

```
briar::Template::Template (
    const Template & from )
```

7.184.2 Member Function Documentation

7.184.2.1 `algorithm()`

```
const ::std::string & briar::Template::algorithm ( ) const [inline]
```

7.184.2.2 `buffer()`

```
const ::std::string & briar::Template::buffer ( ) const [inline]
```

7.184.2.3 ByteSizeLong()

```
size_t briar::Template::ByteSizeLong ( ) const [final]
```

7.184.2.4 Clear()

```
void briar::Template::Clear ( ) [final]
```

7.184.2.5 clear_algorithm()

```
void briar::Template::clear_algorithm ( ) [inline]
```

7.184.2.6 clear_buffer()

```
void briar::Template::clear_buffer ( ) [inline]
```

7.184.2.7 clear_data()

```
void briar::Template::clear_data ( ) [inline]
```

7.184.2.8 clear_id()

```
void briar::Template::clear_id ( ) [inline]
```

7.184.2.9 CopyFrom() [1/2]

```
void briar::Template::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.184.2.10 CopyFrom() [2/2]

```
void briar::Template::CopyFrom (
    const Template & from )
```

7.184.2.11 data()

```
const ::briar::BriarVector & briar::Template::data ( ) const [inline]
```

7.184.2.12 default_instance()

```
const Template & briar::Template::default_instance ( ) [static]
```

7.184.2.13 descriptor()

```
const ::google::protobuf::Descriptor * briar::Template::descriptor ( ) [static]
```

7.184.2.14 GetCachedSize()

```
int briar::Template::GetCachedSize ( ) const [inline], [final]
```

7.184.2.15 GetMetadata()

```
google::protobuf::Metadata briar::Template::GetMetadata ( ) const [final]
```

7.184.2.16 has_data()

```
bool briar::Template::has_data ( ) const [inline]
```

7.184.2.17 id()

```
const ::std::string & briar::Template::id ( ) const [inline]
```

7.184.2.18 InitAsDefaultInstance()

```
void briar::Template::InitAsDefaultInstance ( ) [static]
```

7.184.2.19 internal_default_instance()

```
static const Template* briar::Template::internal_default_instance ( ) [inline], [static]
```

7.184.2.20 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::Template::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.184.2.21 IsInitialized()

```
bool briar::Template::IsInitialized ( ) const [final]
```

7.184.2.22 MergeFrom() [1/2]

```
void briar::Template::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.184.2.23 MergeFrom() [2/2]

```
void briar::Template::MergeFrom (
    const Template & from )
```

7.184.2.24 MergePartialFromCodedStream()

```
bool briar::Template::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.184.2.25 mutable_algorithm()

```
std::string * briar::Template::mutable_algorithm () [inline]
```

7.184.2.26 mutable_buffer()

```
std::string * briar::Template::mutable_buffer () [inline]
```

7.184.2.27 mutable_data()

```
briar::BriarVector * briar::Template::mutable_data () [inline]
```

7.184.2.28 mutable_id()

```
std::string * briar::Template::mutable_id () [inline]
```

7.184.2.29 New() [1/2]

```
Template* briar::Template::New () const [inline], [final]
```

7.184.2.30 New() [2/2]

```
Template* briar::Template::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.184.2.31 operator=()

```
Template& briar::Template::operator= (
    const Template & from ) [inline]
```

7.184.2.32 release_algorithm()

```
std::string * briar::Template::release_algorithm ( ) [inline]
```

7.184.2.33 release_buffer()

```
std::string * briar::Template::release_buffer ( ) [inline]
```

7.184.2.34 release_data()

```
briar::BriarVector * briar::Template::release_data ( ) [inline]
```

7.184.2.35 release_id()

```
std::string * briar::Template::release_id ( ) [inline]
```

7.184.2.36 SerializeWithCachedSizes()

```
void briar::Template::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.184.2.37 set_algorithm() [1/3]

```
void briar::Template::set_algorithm (
    const ::std::string & value ) [inline]
```

7.184.2.38 set_algorithm() [2/3]

```
void briar::Template::set_algorithm (
    const char * value )  [inline]
```

7.184.2.39 set_algorithm() [3/3]

```
void briar::Template::set_algorithm (
    const char * value,
    size_t size )  [inline]
```

7.184.2.40 set_allocated_algorithm()

```
void briar::Template::set_allocated_algorithm (
    ::std::string * algorithm )  [inline]
```

7.184.2.41 set_allocated_buffer()

```
void briar::Template::set_allocated_buffer (
    ::std::string * buffer )  [inline]
```

7.184.2.42 set_allocated_data()

```
void briar::Template::set_allocated_data (
    ::briar::BriarVector * data )  [inline]
```

7.184.2.43 set_allocated_id()

```
void briar::Template::set_allocated_id (
    ::std::string * id )  [inline]
```

7.184.2.44 set_buffer() [1/3]

```
void briar::Template::set_buffer (
    const ::std::string & value )  [inline]
```

7.184.2.45 set_buffer() [2/3]

```
void briar::Template::set_buffer (
    const char * value )  [inline]
```

7.184.2.46 set_buffer() [3/3]

```
void briar::Template::set_buffer (
    const void * value,
    size_t size )  [inline]
```

7.184.2.47 set_id() [1/3]

```
void briar::Template::set_id (
    const ::std::string & value )  [inline]
```

7.184.2.48 set_id() [2/3]

```
void briar::Template::set_id (
    const char * value )  [inline]
```

7.184.2.49 set_id() [3/3]

```
void briar::Template::set_id (
    const char * value,
    size_t size )  [inline]
```

7.184.2.50 Swap()

```
void briar::Template::Swap (
    Template * other )
```

7.184.3 Friends And Related Function Documentation

7.184.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.184.3.2 swap

```
void swap (
    Template & a,
    Template & b ) [friend]
```

7.184.4 Member Data Documentation

7.184.4.1 kAlgorithmFieldNumber

```
const int briar::Template::kAlgorithmFieldNumber = 3 [static]
```

7.184.4.2 kBufferFieldNumber

```
const int briar::Template::kBriarFieldNumber = 2 [static]
```

7.184.4.3 kDataFieldNumber

```
const int briar::Template::kDataFieldNumber = 1 [static]
```

7.184.4.4 kIdFieldNumber

```
const int briar::Template::kIdFieldNumber = 4 [static]
```

7.184.4.5 kIndexInFileMessages

```
constexpr int briar::Template::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 29
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.185 briar::TemplateDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[Template](#)> [_instance](#)

7.185.1 Member Data Documentation

7.185.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<Template> briar::TemplateDefaultType<->  
Internal:::_instance
```

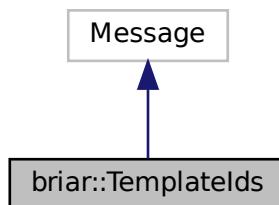
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

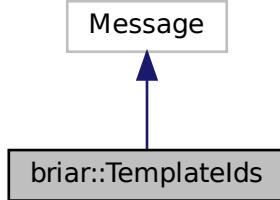
7.186 briar::Templatelds Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::Templatelds:



Collaboration diagram for briar::Templatelds:



Public Member Functions

- `::std::string * add_ids ()`
- `void add_ids (const ::std::string &value)`
- `void add_ids (const char *value)`
- `void add_ids (const char *value, size_t size)`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_ids ()`
- `void clear_length ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const Templatelds &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `const ::google::protobuf::RepeatedPtrField< ::std::string > & ids () const`
- `const ::std::string & ids (int index) const`
- `int ids_size () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `::google::protobuf::int32 length () const`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const Templatelds &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::std::string > * mutable_ids ()`
- `::std::string * mutable_ids (int index)`
- `Templatelds * New () const final`
- `Templatelds * New (::google::protobuf::Arena *arena) const final`
- `Templatelds & operator= (const Templatelds &from)`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_ids (int index, const ::std::string &value)`
- `void set_ids (int index, const char *value)`
- `void set_ids (int index, const char *value, size_t size)`
- `void set_length (::google::protobuf::int32 value)`
- `void Swap (Templatelds *other)`
- `Templatelds ()`
- `Templatelds (const Templatelds &from)`
- `virtual ~Templatelds ()`

Static Public Member Functions

- static const `TemplateIds & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `TemplateIds * internal_default_instance ()`

Static Public Attributes

- static const int `kIdsFieldNumber = 1`
- static constexpr int `kIndexInFileMessages`
- static const int `kLengthFieldNumber = 2`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (TemplateIds &a, TemplateIds &b)`

7.186.1 Constructor & Destructor Documentation

7.186.1.1 `TemplateIds()` [1/2]

```
briar::TemplateIds::TemplateIds ( )
```

7.186.1.2 `~TemplateIds()`

```
briar::TemplateIds::~TemplateIds ( ) [virtual]
```

7.186.1.3 `TemplateIds()` [2/2]

```
briar::TemplateIds::TemplateIds (
    const TemplateIds & from )
```

7.186.2 Member Function Documentation

7.186.2.1 add_ids() [1/4]

```
std::string * briar::TemplateIds::add_ids ( ) [inline]
```

7.186.2.2 add_ids() [2/4]

```
void briar::TemplateIds::add_ids (
    const ::std::string & value ) [inline]
```

7.186.2.3 add_ids() [3/4]

```
void briar::TemplateIds::add_ids (
    const char * value ) [inline]
```

7.186.2.4 add_ids() [4/4]

```
void briar::TemplateIds::add_ids (
    const char * value,
    size_t size ) [inline]
```

7.186.2.5 ByteSizeLong()

```
size_t briar::TemplateIds::ByteSizeLong ( ) const [final]
```

7.186.2.6 Clear()

```
void briar::TemplateIds::Clear ( ) [final]
```

7.186.2.7 clear_ids()

```
void briar::TemplateIds::clear_ids ( ) [inline]
```

7.186.2.8 clear_length()

```
void briar::TemplateIds::clear_length ( ) [inline]
```

7.186.2.9 CopyFrom() [1/2]

```
void briar::TemplateIds::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.186.2.10 CopyFrom() [2/2]

```
void briar::TemplateIds::CopyFrom (
    const TemplateIds & from )
```

7.186.2.11 default_instance()

```
const TemplateIds & briar::TemplateIds::default_instance ( ) [static]
```

7.186.2.12 descriptor()

```
const ::google::protobuf::Descriptor * briar::TemplateIds::descriptor ( ) [static]
```

7.186.2.13 GetCachedSize()

```
int briar::TemplateIds::GetCachedSize ( ) const [inline], [final]
```

7.186.2.14 GetMetadata()

```
google::protobuf::Metadata briar::TemplateIds::GetMetadata ( ) const [final]
```

7.186.2.15 ids() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::std::string> & briar::TemplateIds::ids( ) const  
[inline]
```

7.186.2.16 ids() [2/2]

```
const ::std::string & briar::TemplateIds::ids(   
    int index ) const [inline]
```

7.186.2.17 ids_size()

```
int briar::TemplateIds::ids_size( ) const [inline]
```

7.186.2.18 InitAsDefaultInstance()

```
void briar::TemplateIds::InitAsDefaultInstance( ) [static]
```

7.186.2.19 internal_default_instance()

```
static const TemplateIds* briar::TemplateIds::internal_default_instance( ) [inline], [static]
```

7.186.2.20 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::TemplateIds::InternalSerializeWithCachedSizesToArray(   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.186.2.21 IsInitialized()

```
bool briar::TemplateIds::IsInitialized( ) const [final]
```

7.186.2.22 length()

```
google::protobuf::int32 briar::TemplateIds::length ( ) const [inline]
```

7.186.2.23 MergeFrom() [1/2]

```
void briar::TemplateIds::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.186.2.24 MergeFrom() [2/2]

```
void briar::TemplateIds::MergeFrom (
    const TemplateIds & from )
```

7.186.2.25 MergePartialFromCodedStream()

```
bool briar::TemplateIds::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.186.2.26 mutable_ids() [1/2]

```
google::protobuf::RepeatedPtrField<::std::string> * briar::TemplateIds::mutable_ids ( ) [inline]
```

7.186.2.27 mutable_ids() [2/2]

```
std::string * briar::TemplateIds::mutable_ids (
    int index ) [inline]
```

7.186.2.28 New() [1/2]

```
TemplateIds* briar::TemplateIds::New ( ) const [inline], [final]
```

7.186.2.29 New() [2/2]

```
TemplateIds* briar::TemplateIds::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.186.2.30 operator=()

```
TemplateIds& briar::TemplateIds::operator= (
    const TemplateIds & from ) [inline]
```

7.186.2.31 SerializeWithCachedSizes()

```
void briar::TemplateIds::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.186.2.32 set_ids() [1/3]

```
void briar::TemplateIds::set_ids (
    int index,
    const ::std::string & value ) [inline]
```

7.186.2.33 set_ids() [2/3]

```
void briar::TemplateIds::set_ids (
    int index,
    const char * value ) [inline]
```

7.186.2.34 set_ids() [3/3]

```
void briar::TemplateIds::set_ids (
    int index,
    const char * value,
    size_t size ) [inline]
```

7.186.2.35 set_length()

```
void briar::TemplateIds::set_length (
    ::google::protobuf::int32 value ) [inline]
```

7.186.2.36 Swap()

```
void briar::TemplateIds::Swap (
    TemplateIds * other )
```

7.186.3 Friends And Related Function Documentation

7.186.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.186.3.2 swap

```
void swap (
    TemplateIds & a,
    TemplateIds & b ) [friend]
```

7.186.4 Member Data Documentation

7.186.4.1 kIdsFieldNumber

```
const int briar::TemplateIds::kIdsFieldNumber = 1 [static]
```

7.186.4.2 kIndexInFileMessages

```
constexpr int briar::TemplateIds::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 38
```

7.186.4.3 kLengthFieldNumber

```
const int briar::TemplateIds::kLengthFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.187 briar::TemplateIdsDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[TemplateIds](#)> `_instance`

7.187.1 Member Data Documentation

7.187.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<TemplateIds> briar::TemplateIdsDefault←  
TypeInternal::__instance
```

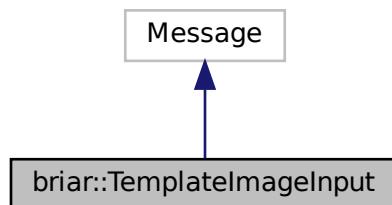
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

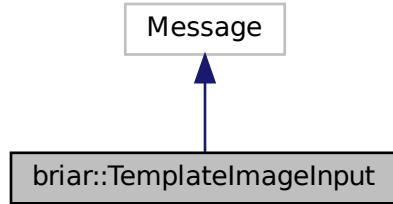
7.188 briar::TemplateImageInput Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::TemplateImageInput:



Collaboration diagram for briar::TemplateImageInput:



Public Member Functions

- `::briar::BriarRect * add_detections ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_detections ()`
- `void clear_im ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const TemplateImageInput &from)`
- `const ::google::protobuf::RepeatedPtrField< ::briar::BriarRect > & detections () const`
- `const ::briar::BriarRect & detections (int index) const`
- `int detections_size () const`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `bool has_im () const`
- `const ::briar::BriarMedia & im () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `void MergeFrom (const ::google::protobuf::Message &from) final`
- `void MergeFrom (const TemplateImageInput &from)`
- `bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- `::google::protobuf::RepeatedPtrField< ::briar::BriarRect > * mutable_detections ()`
- `::briar::BriarRect * mutable_detections (int index)`
- `::briar::BriarMedia * mutable_im ()`
- `TemplateImageInput * New () const final`
- `TemplateImageInput * New (::google::protobuf::Arena *arena) const final`
- `TemplateImageInput & operator= (const TemplateImageInput &from)`
- `::briar::BriarMedia * release_im ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_im (::briar::BriarMedia *im)`
- `void Swap (TemplateImageInput *other)`
- `TemplateImageInput ()`
- `TemplateImageInput (const TemplateImageInput &from)`
- `virtual ~TemplateImageInput ()`

Static Public Member Functions

- static const `TemplateImageInput & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `TemplateImageInput * internal_default_instance ()`

Static Public Attributes

- static const int `kDetectionsFieldNumber = 2`
- static const int `kImFieldNumber = 1`
- static constexpr int `kIndexInFileMessages`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (TemplateImageInput &a, TemplateImageInput &b)`

7.188.1 Constructor & Destructor Documentation

7.188.1.1 `TemplateImageInput()` [1/2]

```
briar::TemplateImageInput::TemplateImageInput ( )
```

7.188.1.2 `~TemplateImageInput()`

```
briar::TemplateImageInput::~TemplateImageInput ( ) [virtual]
```

7.188.1.3 `TemplateImageInput()` [2/2]

```
briar::TemplateImageInput::TemplateImageInput (
    const TemplateImageInput & from )
```

7.188.2 Member Function Documentation

7.188.2.1 add_detections()

```
briar::BriarRect * briar::TemplateImageInput::add_detections ( ) [inline]
```

7.188.2.2 ByteSizeLong()

```
size_t briar::TemplateImageInput::ByteSizeLong ( ) const [final]
```

7.188.2.3 Clear()

```
void briar::TemplateImageInput::Clear ( ) [final]
```

7.188.2.4 clear_detections()

```
void briar::TemplateImageInput::clear_detections ( ) [inline]
```

7.188.2.5 clear_im()

```
void briar::TemplateImageInput::clear_im ( ) [inline]
```

7.188.2.6 CopyFrom() [1/2]

```
void briar::TemplateImageInput::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.188.2.7 CopyFrom() [2/2]

```
void briar::TemplateImageInput::CopyFrom (
    const TemplateImageInput & from )
```

7.188.2.8 default_instance()

```
const TemplateImageInput & briar::TemplateImageInput::default_instance () [static]
```

7.188.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::TemplateImageInput::descriptor () [static]
```

7.188.2.10 detections() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::BriarRect> & briar::TemplateImageInput::detections () const [inline]
```

7.188.2.11 detections() [2/2]

```
const ::briar::BriarRect & briar::TemplateImageInput::detections (int index) const [inline]
```

7.188.2.12 detections_size()

```
int briar::TemplateImageInput::detections_size () const [inline]
```

7.188.2.13 GetCachedSize()

```
int briar::TemplateImageInput::GetCachedSize () const [inline], [final]
```

7.188.2.14 GetMetadata()

```
google::protobuf::Metadata briar::TemplateImageInput::GetMetadata () const [final]
```

7.188.2.15 has_im()

```
bool briar::TemplateImageInput::has_im ( ) const [inline]
```

7.188.2.16 im()

```
const ::briar::BriarMedia & briar::TemplateImageInput::im ( ) const [inline]
```

7.188.2.17 InitAsDefaultInstance()

```
void briar::TemplateImageInput::InitAsDefaultInstance ( ) [static]
```

7.188.2.18 internal_default_instance()

```
static const TemplateImageInput* briar::TemplateImageInput::internal_default_instance ( ) [inline], [static]
```

7.188.2.19 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::TemplateImageInput::InternalSerializeWithCachedSizesToArray ( bool deterministic, ::google::protobuf::uint8 * target ) const [final]
```

7.188.2.20 IsInitialized()

```
bool briar::TemplateImageInput::IsInitialized ( ) const [final]
```

7.188.2.21 MergeFrom() [1/2]

```
void briar::TemplateImageInput::MergeFrom ( const ::google::protobuf::Message & from ) [final]
```

7.188.2.22 MergeFrom() [2/2]

```
void briar::TemplateImageInput::MergeFrom (
    const TemplateImageInput & from )
```

7.188.2.23 MergePartialFromCodedStream()

```
bool briar::TemplateImageInput::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.188.2.24 mutable_detections() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::BriarRect> * briar::TemplateImageInput::mutable_detections () [inline]
```

7.188.2.25 mutable_detections() [2/2]

```
briar::BriarRect * briar::TemplateImageInput::mutable_detections (
    int index ) [inline]
```

7.188.2.26 mutable_im()

```
briar::BriarMedia * briar::TemplateImageInput::mutable_im () [inline]
```

7.188.2.27 New() [1/2]

```
TemplateImageInput* briar::TemplateImageInput::New () const [inline], [final]
```

7.188.2.28 New() [2/2]

```
TemplateImageInput* briar::TemplateImageInput::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.188.2.29 operator=()

```
TemplateImageInput& briar::TemplateImageInput::operator= (
    const TemplateImageInput & from ) [inline]
```

7.188.2.30 release_im()

```
briar::BriarMedia * briar::TemplateImageInput::release_im ( ) [inline]
```

7.188.2.31 SerializeWithCachedSizes()

```
void briar::TemplateImageInput::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.188.2.32 set_allocated_im()

```
void briar::TemplateImageInput::set_allocated_im (
    ::briar::BriarMedia * im ) [inline]
```

7.188.2.33 Swap()

```
void briar::TemplateImageInput::Swap (
    TemplateImageInput * other )
```

7.188.3 Friends And Related Function Documentation

7.188.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.188.3.2 swap

```
void swap (
    TemplateImageInput & a,
    TemplateImageInput & b ) [friend]
```

7.188.4 Member Data Documentation

7.188.4.1 kDetectionsFieldNumber

```
const int briar::TemplateImageInput::kDetectionsFieldNumber = 2 [static]
```

7.188.4.2 kImFieldNumber

```
const int briar::TemplateImageInput::kImFieldNumber = 1 [static]
```

7.188.4.3 kIndexInFileMessages

```
constexpr int briar::TemplateImageInput::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 28
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.189 briar::TemplateImageInputDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [TemplateImageInput](#) > [_instance](#)

7.189.1 Member Data Documentation

7.189.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed< TemplateImageInput > briar::TemplateImageInputDefaultTypeInternal::\_instance
```

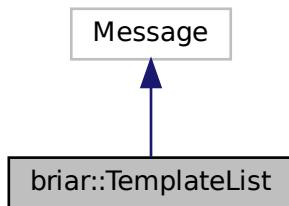
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

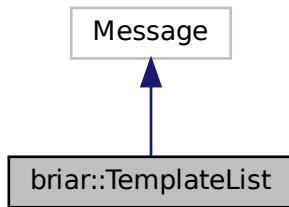
7.190 briar::TemplateList Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::TemplateList:



Collaboration diagram for briar::TemplateList:



Public Member Functions

- `::briar::Template * add_tmpls ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_length ()`
- `void clear_tmpls ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const TemplateList &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- `bool IsInitialized () const final`
- `::google::protobuf::int32 length () const`
- `void MergeFrom (const ::google::protobuf::Message &from) final`

- void [MergeFrom](#) (const [TemplateList](#) &from)
- bool [MergePartialFromCodedStream](#) (::google::protobuf::io::CodedInputStream *input) final
- ::google::protobuf::RepeatedPtrField< ::[briar::Template](#) > * [mutable_tmpls](#) ()
- ::[briar::Template](#) * [mutable_tmpls](#) (int index)
- [TemplateList](#) * [New](#) () const final
- [TemplateList](#) * [New](#) (::google::protobuf::Arena *arena) const final
- [TemplateList](#) & [operator=](#) (const [TemplateList](#) &from)
- void [SerializeWithCachedSizes](#) (::google::protobuf::io::CodedOutputStream *output) const final
- void [set_length](#) (::google::protobuf::int32 value)
- void [Swap](#) ([TemplateList](#) *other)
- [TemplateList](#) ()
- [TemplateList](#) (const [TemplateList](#) &from)
- const ::google::protobuf::RepeatedPtrField< ::[briar::Template](#) > & [tmpls](#) () const
- const ::[briar::Template](#) & [tmpls](#) (int index) const
- int [tmpls_size](#) () const
- virtual ~[TemplateList](#) ()

Static Public Member Functions

- static const [TemplateList](#) & [default_instance](#) ()
- static const ::google::protobuf::Descriptor * [descriptor](#) ()
- static void [InitAsDefaultInstance](#) ()
- static const [TemplateList](#) * [internal_default_instance](#) ()

Static Public Attributes

- static constexpr int [kIndexInFileMessages](#)
- static const int [kLengthFieldNumber](#) = 2
- static const int [kTmplsFieldNumber](#) = 1

Friends

- struct ::[protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto](#)::TableStruct
- void [swap](#) ([TemplateList](#) &a, [TemplateList](#) &b)

7.190.1 Constructor & Destructor Documentation

7.190.1.1 [TemplateList\(\)](#) [1/2]

```
briar::TemplateList::TemplateList ( )
```

7.190.1.2 ~TemplateList()

```
briar::TemplateList::~TemplateList ( ) [virtual]
```

7.190.1.3 TemplateList() [2/2]

```
briar::TemplateList::TemplateList (
    const TemplateList & from )
```

7.190.2 Member Function Documentation

7.190.2.1 add_tmpls()

```
briar::Template * briar::TemplateList::add_tmpls ( ) [inline]
```

7.190.2.2 ByteSizeLong()

```
size_t briar::TemplateList::ByteSizeLong ( ) const [final]
```

7.190.2.3 Clear()

```
void briar::TemplateList::Clear ( ) [final]
```

7.190.2.4 clear_length()

```
void briar::TemplateList::clear_length ( ) [inline]
```

7.190.2.5 clear_tmpls()

```
void briar::TemplateList::clear_tmpls ( ) [inline]
```

7.190.2.6 CopyFrom() [1/2]

```
void briar::TemplateList::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.190.2.7 CopyFrom() [2/2]

```
void briar::TemplateList::CopyFrom (
    const TemplateList & from)
```

7.190.2.8 default_instance()

```
const TemplateList & briar::TemplateList::default_instance () [static]
```

7.190.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::TemplateList::descriptor () [static]
```

7.190.2.10 GetCachedSize()

```
int briar::TemplateList::GetCachedSize () const [inline], [final]
```

7.190.2.11 GetMetadata()

```
google::protobuf::Metadata briar::TemplateList::GetMetadata () const [final]
```

7.190.2.12 InitAsDefaultInstance()

```
void briar::TemplateList::InitAsDefaultInstance () [static]
```

7.190.2.13 internal_default_instance()

```
static const TemplateList* briar::TemplateList::internal_default_instance ( ) [inline], [static]
```

7.190.2.14 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::TemplateList::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.190.2.15 IsInitialized()

```
bool briar::TemplateList::IsInitialized ( ) const [final]
```

7.190.2.16 length()

```
google::protobuf::int32 briar::TemplateList::length ( ) const [inline]
```

7.190.2.17 MergeFrom() [1/2]

```
void briar::TemplateList::MergeFrom (   
    const ::google::protobuf::Message & from ) [final]
```

7.190.2.18 MergeFrom() [2/2]

```
void briar::TemplateList::MergeFrom (   
    const TemplateList & from )
```

7.190.2.19 MergePartialFromCodedStream()

```
bool briar::TemplateList::MergePartialFromCodedStream (   
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.190.2.20 mutable_tmpls() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Template> * briar::TemplateList::mutable_tmpls (
) [inline]
```

7.190.2.21 mutable_tmpls() [2/2]

```
briar::Template * briar::TemplateList::mutable_tmpls (
    int index ) [inline]
```

7.190.2.22 New() [1/2]

```
TemplateList* briar::TemplateList::New ( ) const [inline], [final]
```

7.190.2.23 New() [2/2]

```
TemplateList* briar::TemplateList::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.190.2.24 operator=()

```
TemplateList& briar::TemplateList::operator= (
    const TemplateList & from ) [inline]
```

7.190.2.25 SerializeWithCachedSizes()

```
void briar::TemplateList::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.190.2.26 set_length()

```
void briar::TemplateList::set_length (
    ::google::protobuf::int32 value ) [inline]
```

7.190.2.27 Swap()

```
void briar::TemplateList::Swap (
    TemplateList * other )
```

7.190.2.28 tmps() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Template> & briar::TemplateList::tmps (
) const [inline]
```

7.190.2.29 tmps() [2/2]

```
const ::briar::Template & briar::TemplateList::tmps (
    int index ) const [inline]
```

7.190.2.30 tmps_size()

```
int briar::TemplateList::tmps_size () const [inline]
```

7.190.3 Friends And Related Function Documentation

7.190.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.190.3.2 swap

```
void swap (
    TemplateList & a,
    TemplateList & b ) [friend]
```

7.190.4 Member Data Documentation

7.190.4.1 kIndexInFileMessages

```
constexpr int briar::TemplateList::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 30
```

7.190.4.2 kLengthFieldNumber

```
const int briar::TemplateList::kLengthFieldNumber = 2 [static]
```

7.190.4.3 kTmpIsFieldNumber

```
const int briar::TemplateList::kTmpIsFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.191 briar::TemplateListDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[TemplateList](#)> [_instance](#)

7.191.1 Member Data Documentation

7.191.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<TemplateList> briar::TemplateListDefault<->  
TypeInternal:::_instance
```

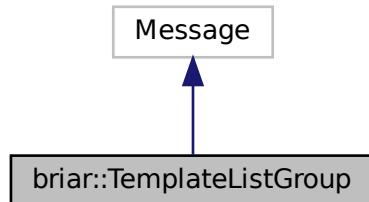
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

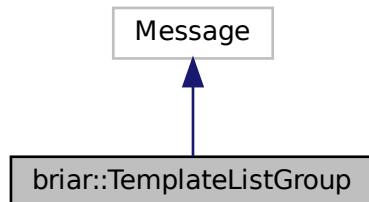
7.192 briar::TemplateListGroup Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::TemplateListGroup:



Collaboration diagram for briar::TemplateListGroup:



Public Member Functions

- `::briar::TemplateList * add_group ()`
- `size_t ByteSizeLong () const final`
- `void Clear () final`
- `void clear_group ()`
- `void clear_length ()`
- `void CopyFrom (const ::google::protobuf::Message &from) final`
- `void CopyFrom (const TemplateListGroup &from)`
- `int GetCachedSize () const final`
- `::google::protobuf::Metadata GetMetadata () const final`
- `const ::google::protobuf::RepeatedPtrField< ::briar::TemplateList > & group () const`
- `const ::briar::TemplateList & group (int index) const`
- `int group_size () const`
- `::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`

- bool `IsInitialized () const final`
- ::google::protobuf::int32 `length () const`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const TemplateListGroup &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::google::protobuf::RepeatedPtrField< ::briar::TemplateList > * `mutable_group ()`
- ::briar::TemplateList * `mutable_group (int index)`
- `TemplateListGroup * New () const final`
- `TemplateListGroup * New (::google::protobuf::Arena *arena) const final`
- `TemplateListGroup & operator= (const TemplateListGroup &from)`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_length (::google::protobuf::int32 value)`
- void `Swap (TemplateListGroup *other)`
- `TemplateListGroup ()`
- `TemplateListGroup (const TemplateListGroup &from)`
- virtual ~`TemplateListGroup ()`

Static Public Member Functions

- static const `TemplateListGroup & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `TemplateListGroup * internal_default_instance ()`

Static Public Attributes

- static const int `kGroupFieldNumber = 1`
- static constexpr int `kIndexInFileMessages`
- static const int `kLengthFieldNumber = 2`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- void `swap (TemplateListGroup &a, TemplateListGroup &b)`

7.192.1 Constructor & Destructor Documentation

7.192.1.1 `TemplateListGroup()` [1/2]

```
briar::TemplateListGroup::TemplateListGroup ( )
```

7.192.1.2 ~TemplateListGroup()

```
briar::TemplateListGroup::~TemplateListGroup ( ) [virtual]
```

7.192.1.3 TemplateListGroup() [2/2]

```
briar::TemplateListGroup::TemplateListGroup ( const TemplateListGroup & from )
```

7.192.2 Member Function Documentation

7.192.2.1 add_group()

```
briar::TemplateList * briar::TemplateListGroup::add_group ( ) [inline]
```

7.192.2.2 ByteSizeLong()

```
size_t briar::TemplateListGroup::ByteSizeLong ( ) const [final]
```

7.192.2.3 Clear()

```
void briar::TemplateListGroup::Clear ( ) [final]
```

7.192.2.4 clear_group()

```
void briar::TemplateListGroup::clear_group ( ) [inline]
```

7.192.2.5 clear_length()

```
void briar::TemplateListGroup::clear_length ( ) [inline]
```

7.192.2.6 CopyFrom() [1/2]

```
void briar::TemplateListGroup::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.192.2.7 CopyFrom() [2/2]

```
void briar::TemplateListGroup::CopyFrom (
    const TemplateListGroup & from)
```

7.192.2.8 default_instance()

```
const TemplateListGroup & briar::TemplateListGroup::default_instance () [static]
```

7.192.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::TemplateListGroup::descriptor () [static]
```

7.192.2.10 GetCachedSize()

```
int briar::TemplateListGroup::GetCachedSize () const [inline], [final]
```

7.192.2.11 GetMetadata()

```
google::protobuf::Metadata briar::TemplateListGroup::GetMetadata () const [final]
```

7.192.2.12 group() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::TemplateList> & briar::TemplateList<-
Group::group () const [inline]
```

7.192.2.13 group() [2/2]

```
const ::briar::TemplateList & briar::TemplateListGroup::group (
    int index ) const [inline]
```

7.192.2.14 group_size()

```
int briar::TemplateListGroup::group_size ( ) const [inline]
```

7.192.2.15 InitAsDefaultInstance()

```
void briar::TemplateListGroup::InitAsDefaultInstance ( ) [static]
```

7.192.2.16 internal_default_instance()

```
static const TemplateListGroup* briar::TemplateListGroup::internal_default_instance ( ) [inline],
[static]
```

7.192.2.17 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::TemplateListGroup::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.192.2.18 IsInitialized()

```
bool briar::TemplateListGroup::IsInitialized ( ) const [final]
```

7.192.2.19 length()

```
google::protobuf::int32 briar::TemplateListGroup::length ( ) const [inline]
```

7.192.2.20 MergeFrom() [1/2]

```
void briar::TemplateListGroup::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.192.2.21 MergeFrom() [2/2]

```
void briar::TemplateListGroup::MergeFrom (
    const TemplateListGroup & from )
```

7.192.2.22 MergePartialFromCodedStream()

```
bool briar::TemplateListGroup::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.192.2.23 mutable_group() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::TemplateList> * briar::TemplateListGroup::mutable_group ( ) [inline]
```

7.192.2.24 mutable_group() [2/2]

```
briar::TemplateList * briar::TemplateListGroup::mutable_group (
    int index ) [inline]
```

7.192.2.25 New() [1/2]

```
TemplateListGroup* briar::TemplateListGroup::New ( ) const [inline], [final]
```

7.192.2.26 New() [2/2]

```
TemplateListGroup* briar::TemplateListGroup::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.192.2.27 operator=()

```
TemplateListGroup& briar::TemplateListGroup::operator= (
    const TemplateListGroup & from ) [inline]
```

7.192.2.28 SerializeWithCachedSizes()

```
void briar::TemplateListGroup::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.192.2.29 set_length()

```
void briar::TemplateListGroup::set_length (
    ::google::protobuf::int32 value ) [inline]
```

7.192.2.30 Swap()

```
void briar::TemplateListGroup::Swap (
    TemplateListGroup * other )
```

7.192.3 Friends And Related Function Documentation

7.192.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.192.3.2 swap

```
void swap (
    TemplateListGroup & a,
    TemplateListGroup & b ) [friend]
```

7.192.4 Member Data Documentation

7.192.4.1 kGroupFieldNumber

```
const int briar::TemplateListGroup::kGroupFieldNumber = 1 [static]
```

7.192.4.2 kIndexInFileMessages

```
constexpr int briar::TemplateListGroup::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 31
```

7.192.4.3 kLengthFieldNumber

```
const int briar::TemplateListGroup::kLengthFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.193 briar::TemplateListGroupDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [TemplateListGroup](#) > [_instance](#)

7.193.1 Member Data Documentation

7.193.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<TemplateListGroup> briar::TemplateList->
GroupDefaultTypeInternal:::_instance
```

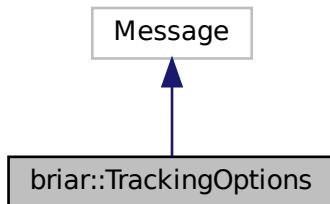
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

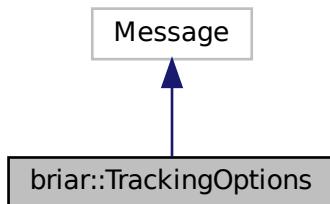
7.194 briar::TrackingOptions Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::TrackingOptions:



Collaboration diagram for briar::TrackingOptions:



Public Member Functions

- ::briar::Attribute * [add_attributes \(\)](#)
- const ::briar::StringOption & [algorithm_id \(\) const](#)
- const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & [attributes \(\) const](#)
- const ::briar::Attribute & [attributes \(int index\) const](#)
- int [attributes_size \(\) const](#)
- size_t [ByteSizeLong \(\) const final](#)
- void [Clear \(\) final](#)
- void [clear_algorithm_id \(\)](#)
- void [clear_attributes \(\)](#)
- void [clear_modality \(\)](#)
- void [clear_return_media \(\)](#)
- void [clear_threshold \(\)](#)
- void [clear_tracking_batch \(\)](#)
- void [clear_tracking_disable \(\)](#)

- void `CopyFrom` (const ::google::protobuf::Message &from) final
- void `CopyFrom` (const `TrackingOptions` &from)
- int `GetCachedSize` () const final
- ::google::protobuf::Metadata `GetMetadata` () const final
- bool `has_algorithm_id` () const
- bool `has_return_media` () const
- bool `has_threshold` () const
- bool `has_tracking_batch` () const
- bool `has_tracking_disable` () const
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray` (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool `IsInitialized` () const final
- void `MergeFrom` (const ::google::protobuf::Message &from) final
- void `MergeFrom` (const `TrackingOptions` &from)
- bool `MergePartialFromCodedStream` (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BiometricModality `modality` () const
- ::briar::StringOption * `mutable_algorithm_id` ()
- ::google::protobuf::RepeatedPtrField< ::briar::Attribute > * `mutable_attributes` ()
- ::briar::Attribute * `mutable_attributes` (int index)
- ::briar::BoolOption * `mutable_return_media` ()
- ::briar::FloatOption * `mutable_threshold` ()
- ::briar::IntOption * `mutable_tracking_batch` ()
- ::briar::BoolOption * `mutable_tracking_disable` ()
- `TrackingOptions` * `New` () const final
- `TrackingOptions` * `New` (::google::protobuf::Arena *arena) const final
- `TrackingOptions` & `operator=` (const `TrackingOptions` &from)
- ::briar::StringOption * `release_algorithm_id` ()
- ::briar::BoolOption * `release_return_media` ()
- ::briar::FloatOption * `release_threshold` ()
- ::briar::IntOption * `release_tracking_batch` ()
- ::briar::BoolOption * `release_tracking_disable` ()
- const ::briar::BoolOption & `return_media` () const
- void `SerializeWithCachedSizes` (::google::protobuf::io::CodedOutputStream *output) const final
- void `set_allocated_algorithm_id` (::briar::StringOption *algorithm_id)
- void `set_allocated_return_media` (::briar::BoolOption *return_media)
- void `set_allocated_threshold` (::briar::FloatOption *threshold)
- void `set_allocated_tracking_batch` (::briar::IntOption *tracking_batch)
- void `set_allocated_tracking_disable` (::briar::BoolOption *tracking_disable)
- void `set_modality` (::briar::BiometricModality value)
- void `Swap` (`TrackingOptions` *other)
- const ::briar::FloatOption & `threshold` () const
- const ::briar::IntOption & `tracking_batch` () const
- const ::briar::BoolOption & `tracking_disable` () const
- `TrackingOptions` ()
- `TrackingOptions` (const `TrackingOptions` &from)
- virtual ~`TrackingOptions` ()

Static Public Member Functions

- static const `TrackingOptions` & `default_instance` ()
- static const ::google::protobuf::Descriptor * `descriptor` ()
- static void `InitAsDefaultInstance` ()
- static const `TrackingOptions` * `internal_default_instance` ()

Static Public Attributes

- static const int `kAlgorithmIdFieldNumber` = 1
- static const int `kAttributesFieldNumber` = 7
- static constexpr int `kIndexInFileMessages`
- static const int `kModalityFieldNumber` = 6
- static const int `kReturnMediaFieldNumber` = 5
- static const int `kThresholdFieldNumber` = 3
- static const int `kTrackingBatchFieldNumber` = 4
- static const int `kTrackingDisableFieldNumber` = 2

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap` (`TrackingOptions` &*a*, `TrackingOptions` &*b*)

7.194.1 Constructor & Destructor Documentation

7.194.1.1 TrackingOptions() [1/2]

```
briar::TrackingOptions::TrackingOptions ( )
```

7.194.1.2 ~TrackingOptions()

```
briar::TrackingOptions::~TrackingOptions ( ) [virtual]
```

7.194.1.3 TrackingOptions() [2/2]

```
briar::TrackingOptions::TrackingOptions (
    const TrackingOptions & from )
```

7.194.2 Member Function Documentation

7.194.2.1 add_attributes()

```
briar::Attribute * briar::TrackingOptions::add_attributes ( ) [inline]
```

7.194.2.2 algorithm_id()

```
const ::briar::StringOption & briar::TrackingOptions::algorithm_id ( ) const [inline]
```

7.194.2.3 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::TrackingOptions::attributes ( ) const [inline]
```

7.194.2.4 attributes() [2/2]

```
const ::briar::Attribute & briar::TrackingOptions::attributes ( int index ) const [inline]
```

7.194.2.5 attributes_size()

```
int briar::TrackingOptions::attributes_size ( ) const [inline]
```

7.194.2.6 ByteSizeLong()

```
size_t briar::TrackingOptions::ByteSizeLong ( ) const [final]
```

7.194.2.7 Clear()

```
void briar::TrackingOptions::Clear ( ) [final]
```

7.194.2.8 clear_algorithm_id()

```
void briar::TrackingOptions::clear_algorithm_id ( ) [inline]
```

7.194.2.9 clear_attributes()

```
void briar::TrackingOptions::clear_attributes () [inline]
```

7.194.2.10 clear_modality()

```
void briar::TrackingOptions::clear_modality () [inline]
```

7.194.2.11 clear_return_media()

```
void briar::TrackingOptions::clear_return_media () [inline]
```

7.194.2.12 clear_threshold()

```
void briar::TrackingOptions::clear_threshold () [inline]
```

7.194.2.13 clear_tracking_batch()

```
void briar::TrackingOptions::clear_tracking_batch () [inline]
```

7.194.2.14 clear_tracking_disable()

```
void briar::TrackingOptions::clear_tracking_disable () [inline]
```

7.194.2.15 CopyFrom() [1/2]

```
void briar::TrackingOptions::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.194.2.16 CopyFrom() [2/2]

```
void briar::TrackingOptions::CopyFrom (
    const TrackingOptions & from )
```

7.194.2.17 default_instance()

```
const TrackingOptions & briar::TrackingOptions::default_instance ( ) [static]
```

7.194.2.18 descriptor()

```
const ::google::protobuf::Descriptor * briar::TrackingOptions::descriptor ( ) [static]
```

7.194.2.19 GetCachedSize()

```
int briar::TrackingOptions::GetCachedSize ( ) const [inline], [final]
```

7.194.2.20 GetMetadata()

```
google::protobuf::Metadata briar::TrackingOptions::GetMetadata ( ) const [final]
```

7.194.2.21 has_algorithm_id()

```
bool briar::TrackingOptions::has_algorithm_id ( ) const [inline]
```

7.194.2.22 has_return_media()

```
bool briar::TrackingOptions::has_return_media ( ) const [inline]
```

7.194.2.23 has_threshold()

```
bool briar::TrackingOptions::has_threshold ( ) const [inline]
```

7.194.2.24 has_tracking_batch()

```
bool briar::TrackingOptions::has_tracking_batch ( ) const [inline]
```

7.194.2.25 has_tracking_disable()

```
bool briar::TrackingOptions::has_tracking_disable ( ) const [inline]
```

7.194.2.26 InitAsDefaultInstance()

```
void briar::TrackingOptions::InitAsDefaultInstance ( ) [static]
```

7.194.2.27 internal_default_instance()

```
static const TrackingOptions* briar::TrackingOptions::internal_default_instance ( ) [inline],  
[static]
```

7.194.2.28 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::TrackingOptions::InternalSerializeWithCachedSizesToArray (   
    bool deterministic,  
    ::google::protobuf::uint8 * target ) const [final]
```

7.194.2.29 IsInitialized()

```
bool briar::TrackingOptions::IsInitialized ( ) const [final]
```

7.194.2.30 MergeFrom() [1/2]

```
void briar::TrackingOptions::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.194.2.31 MergeFrom() [2/2]

```
void briar::TrackingOptions::MergeFrom (
    const TrackingOptions & from )
```

7.194.2.32 MergePartialFromCodedStream()

```
bool briar::TrackingOptions::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.194.2.33 modality()

```
briar::BiometricModality briar::TrackingOptions::modality () const [inline]
```

7.194.2.34 mutable_algorithm_id()

```
briar::StringOption * briar::TrackingOptions::mutable_algorithm_id () [inline]
```

7.194.2.35 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::TrackingOptions::mutable_attributes () [inline]
```

7.194.2.36 mutable_attributes() [2/2]

```
briar::Attribute * briar::TrackingOptions::mutable_attributes (
    int index ) [inline]
```

7.194.2.37 mutable_return_media()

```
briar::BoolOption * briar::TrackingOptions::mutable_return_media () [inline]
```

7.194.2.38 mutable_threshold()

```
briar::FloatOption * briar::TrackingOptions::mutable_threshold () [inline]
```

7.194.2.39 mutable_tracking_batch()

```
briar::IntOption * briar::TrackingOptions::mutable_tracking_batch () [inline]
```

7.194.2.40 mutable_tracking_disable()

```
briar::BoolOption * briar::TrackingOptions::mutable_tracking_disable () [inline]
```

7.194.2.41 New() [1/2]

```
TrackingOptions* briar::TrackingOptions::New () const [inline], [final]
```

7.194.2.42 New() [2/2]

```
TrackingOptions* briar::TrackingOptions::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.194.2.43 operator=()

```
TrackingOptions& briar::TrackingOptions::operator= (
    const TrackingOptions & from ) [inline]
```

7.194.2.44 release_algorithm_id()

```
briar::StringOption * briar::TrackingOptions::release_algorithm_id ( ) [inline]
```

7.194.2.45 release_return_media()

```
briar::BoolOption * briar::TrackingOptions::release_return_media ( ) [inline]
```

7.194.2.46 release_threshold()

```
briar::FloatOption * briar::TrackingOptions::release_threshold ( ) [inline]
```

7.194.2.47 release_tracking_batch()

```
briar::IntOption * briar::TrackingOptions::release_tracking_batch ( ) [inline]
```

7.194.2.48 release_tracking_disable()

```
briar::BoolOption * briar::TrackingOptions::release_tracking_disable ( ) [inline]
```

7.194.2.49 return_media()

```
const ::briar::BoolOption & briar::TrackingOptions::return_media ( ) const [inline]
```

7.194.2.50 SerializeWithCachedSizes()

```
void briar::TrackingOptions::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.194.2.51 set_allocated_algorithm_id()

```
void briar::TrackingOptions::set_allocated_algorithm_id (
    ::briar::StringOption * algorithm_id ) [inline]
```

7.194.2.52 set_allocated_return_media()

```
void briar::TrackingOptions::set_allocated_return_media (
    ::briar::BoolOption * return_media ) [inline]
```

7.194.2.53 set_allocated_threshold()

```
void briar::TrackingOptions::set_allocated_threshold (
    ::briar::FloatOption * threshold ) [inline]
```

7.194.2.54 set_allocated_tracking_batch()

```
void briar::TrackingOptions::set_allocated_tracking_batch (
    ::briar::IntOption * tracking_batch ) [inline]
```

7.194.2.55 set_allocated_tracking_disable()

```
void briar::TrackingOptions::set_allocated_tracking_disable (
    ::briar::BoolOption * tracking_disable ) [inline]
```

7.194.2.56 set_modality()

```
void briar::TrackingOptions::set_modality (
    ::briar::BiometricModality value ) [inline]
```

7.194.2.57 Swap()

```
void briar::TrackingOptions::Swap (
    TrackingOptions * other )
```

7.194.2.58 threshold()

```
const ::briar::FloatOption & briar::TrackingOptions::threshold ( ) const [inline]
```

7.194.2.59 tracking_batch()

```
const ::briar::IntOption & briar::TrackingOptions::tracking_batch ( ) const [inline]
```

7.194.2.60 tracking_disable()

```
const ::briar::BoolOption & briar::TrackingOptions::tracking_disable ( ) const [inline]
```

7.194.3 Friends And Related Function Documentation

7.194.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.194.3.2 swap

```
void swap (
    TrackingOptions & a,
    TrackingOptions & b ) [friend]
```

7.194.4 Member Data Documentation

7.194.4.1 kAlgorithmIdFieldNumber

```
const int briar::TrackingOptions::kAlgorithmIdFieldNumber = 1 [static]
```

7.194.4.2 kAttributesFieldNumber

```
const int briar::TrackingOptions::kAttributesFieldNumber = 7 [static]
```

7.194.4.3 kIndexInFileMessages

```
constexpr int briar::TrackingOptions::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 22
```

7.194.4.4 kModalityFieldNumber

```
const int briar::TrackingOptions::kModalityFieldNumber = 6 [static]
```

7.194.4.5 kReturnMediaFieldNumber

```
const int briar::TrackingOptions::kReturnMediaFieldNumber = 5 [static]
```

7.194.4.6 kThresholdFieldNumber

```
const int briar::TrackingOptions::kThresholdFieldNumber = 3 [static]
```

7.194.4.7 kTrackingBatchFieldNumber

```
const int briar::TrackingOptions::kTrackingBatchFieldNumber = 4 [static]
```

7.194.4.8 kTrackingDisableFieldNumber

```
const int briar::TrackingOptions::kTrackingDisableFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.195 briar::TrackingOptionsDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[TrackingOptions](#)> `_instance`

7.195.1 Member Data Documentation

7.195.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed<TrackingOptions> briar::TrackingOptionsDefaultTypeInternal::_instance`

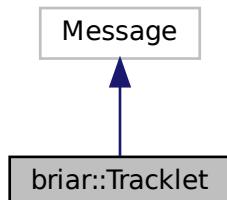
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

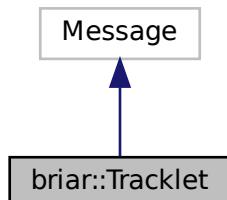
7.196 briar::Tracklet Class Reference

```
#include <briar.pb.h>
```

Inheritance diagram for briar::Tracklet:



Collaboration diagram for briar::Tracklet:



Public Member Functions

- ::briar::Attribute * `add_attributes ()`
- ::briar::Detection * `add_detections ()`
- const ::google::protobuf::RepeatedPtrField< ::briar::Attribute > & `attributes () const`
- const ::briar::Attribute & `attributes (int index) const`
- int `attributes_size () const`
- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_attributes ()`
- void `clear_detections ()`
- void `clear_options ()`
- void `clear_tracklet_class ()`
- void `clear_tracklet_id ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const Tracklet &from)`
- const ::google::protobuf::RepeatedPtrField< ::briar::Detection > & `detections () const`
- const ::briar::Detection & `detections (int index) const`
- int `detections_size () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_options () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const Tracklet &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::google::protobuf::RepeatedPtrField< ::briar::Attribute > * `mutable_attributes ()`
- ::briar::Attribute * `mutable_attributes (int index)`
- ::google::protobuf::RepeatedPtrField< ::briar::Detection > * `mutable_detections ()`
- ::briar::Detection * `mutable_detections (int index)`
- ::briar::TrackingOptions * `mutable_options ()`
- ::std::string * `mutable_tracklet_class ()`
- `Tracklet * New () const final`
- `Tracklet * New (::google::protobuf::Arena *arena) const final`
- `Tracklet & operator= (const Tracklet &from)`
- const ::briar::TrackingOptions & `options () const`
- ::briar::TrackingOptions * `release_options ()`
- ::std::string * `release_tracklet_class ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_options (::briar::TrackingOptions *options)`
- void `set_allocated_tracklet_class (::std::string *tracklet_class)`
- void `set_tracklet_class (const ::std::string &value)`
- void `set_tracklet_class (const char *value)`
- void `set_tracklet_class (const char *value, size_t size)`
- void `set_tracklet_id (::google::protobuf::int64 value)`
- void `Swap (Tracklet *other)`
- `Tracklet ()`
- `Tracklet (const Tracklet &from)`
- const ::std::string & `tracklet_class () const`
- ::google::protobuf::int64 `tracklet_id () const`
- virtual `~Tracklet ()`

Static Public Member Functions

- static const `Tracklet & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `Tracklet * internal_default_instance ()`

Static Public Attributes

- static const int `kAttributesFieldNumber = 2`
- static const int `kDetectionsFieldNumber = 1`
- static constexpr int `kIndexInFileMessages`
- static const int `kOptionsFieldNumber = 5`
- static const int `kTrackletClassFieldNumber = 3`
- static const int `kTrackletIdFieldNumber = 4`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct`
- void `swap (Tracklet &a, Tracklet &b)`

7.196.1 Constructor & Destructor Documentation

7.196.1.1 `Tracklet()` [1/2]

```
briar::Tracklet::Tracklet ( )
```

7.196.1.2 `~Tracklet()`

```
briar::Tracklet::~Tracklet ( ) [virtual]
```

7.196.1.3 `Tracklet()` [2/2]

```
briar::Tracklet::Tracklet (
    const Tracklet & from )
```

7.196.2 Member Function Documentation

7.196.2.1 add_attributes()

```
briar::Attribute * briar::Tracklet::add_attributes ( ) [inline]
```

7.196.2.2 add_detections()

```
briar::Detection * briar::Tracklet::add_detections ( ) [inline]
```

7.196.2.3 attributes() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Attribute> & briar::Tracklet::attributes  
( ) const [inline]
```

7.196.2.4 attributes() [2/2]

```
const ::briar::Attribute & briar::Tracklet::attributes (int index) const [inline]
```

7.196.2.5 attributes_size()

```
int briar::Tracklet::attributes_size ( ) const [inline]
```

7.196.2.6 ByteSizeLong()

```
size_t briar::Tracklet::ByteSizeLong ( ) const [final]
```

7.196.2.7 Clear()

```
void briar::Tracklet::Clear ( ) [final]
```

7.196.2.8 clear_attributes()

```
void briar::Tracklet::clear_attributes ( ) [inline]
```

7.196.2.9 clear_detections()

```
void briar::Tracklet::clear_detections ( ) [inline]
```

7.196.2.10 clear_options()

```
void briar::Tracklet::clear_options ( ) [inline]
```

7.196.2.11 clear_tracklet_class()

```
void briar::Tracklet::clear_tracklet_class ( ) [inline]
```

7.196.2.12 clear_tracklet_id()

```
void briar::Tracklet::clear_tracklet_id ( ) [inline]
```

7.196.2.13 CopyFrom() [1/2]

```
void briar::Tracklet::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.196.2.14 CopyFrom() [2/2]

```
void briar::Tracklet::CopyFrom (
    const Tracklet & from )
```

7.196.2.15 default_instance()

```
const Tracklet & briar::Tracklet::default_instance ( ) [static]
```

7.196.2.16 descriptor()

```
const ::google::protobuf::Descriptor * briar::Tracklet::descriptor ( ) [static]
```

7.196.2.17 detections() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::Tracklet::detections  
( ) const [inline]
```

7.196.2.18 detections() [2/2]

```
const ::briar::Detection & briar::Tracklet::detections (int index) const [inline]
```

7.196.2.19 detections_size()

```
int briar::Tracklet::detections_size ( ) const [inline]
```

7.196.2.20 GetCachedSize()

```
int briar::Tracklet::GetCachedSize ( ) const [inline], [final]
```

7.196.2.21 GetMetadata()

```
google::protobuf::Metadata briar::Tracklet::GetMetadata ( ) const [final]
```

7.196.2.22 has_options()

```
bool briar::Tracklet::has_options () const [inline]
```

7.196.2.23 InitAsDefaultInstance()

```
void briar::Tracklet::InitAsDefaultInstance () [static]
```

7.196.2.24 internal_default_instance()

```
static const Tracklet* briar::Tracklet::internal_default_instance () [inline], [static]
```

7.196.2.25 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::Tracklet::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.196.2.26 IsInitialized()

```
bool briar::Tracklet::IsInitialized () const [final]
```

7.196.2.27 MergeFrom() [1/2]

```
void briar::Tracklet::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.196.2.28 MergeFrom() [2/2]

```
void briar::Tracklet::MergeFrom (
    const Tracklet & from )
```

7.196.2.29 MergePartialFromCodedStream()

```
bool briar::Tracklet::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.196.2.30 mutable_attributes() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Attribute> * briar::Tracklet::mutable_attributes
( ) [inline]
```

7.196.2.31 mutable_attributes() [2/2]

```
briar::Attribute * briar::Tracklet::mutable_attributes (
    int index ) [inline]
```

7.196.2.32 mutable_detections() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::Tracklet::mutable_detections
( ) [inline]
```

7.196.2.33 mutable_detections() [2/2]

```
briar::Detection * briar::Tracklet::mutable_detections (
    int index ) [inline]
```

7.196.2.34 mutable_options()

```
briar::TrackingOptions * briar::Tracklet::mutable_options ( ) [inline]
```

7.196.2.35 mutable_tracklet_class()

```
std::string * briar::Tracklet::mutable_tracklet_class ( ) [inline]
```

7.196.2.36 New() [1/2]

```
Tracklet* briar::Tracklet::New ( ) const [inline], [final]
```

7.196.2.37 New() [2/2]

```
Tracklet* briar::Tracklet::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.196.2.38 operator=()

```
Tracklet& briar::Tracklet::operator= (
    const Tracklet & from ) [inline]
```

7.196.2.39 options()

```
const ::briar::TrackingOptions & briar::Tracklet::options ( ) const [inline]
```

7.196.2.40 release_options()

```
briar::TrackingOptions * briar::Tracklet::release_options ( ) [inline]
```

7.196.2.41 release_tracklet_class()

```
std::string * briar::Tracklet::release_tracklet_class ( ) [inline]
```

7.196.2.42 SerializeWithCachedSizes()

```
void briar::Tracklet::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.196.2.43 set_allocated_options()

```
void briar::Tracklet::set_allocated_options (
    ::briar::TrackingOptions * options ) [inline]
```

7.196.2.44 set_allocated_tracklet_class()

```
void briar::Tracklet::set_allocated_tracklet_class (
    ::std::string * tracklet_class ) [inline]
```

7.196.2.45 set_tracklet_class() [1/3]

```
void briar::Tracklet::set_tracklet_class (
    const ::std::string & value ) [inline]
```

7.196.2.46 set_tracklet_class() [2/3]

```
void briar::Tracklet::set_tracklet_class (
    const char * value ) [inline]
```

7.196.2.47 set_tracklet_class() [3/3]

```
void briar::Tracklet::set_tracklet_class (
    const char * value,
    size_t size ) [inline]
```

7.196.2.48 set_tracklet_id()

```
void briar::Tracklet::set_tracklet_id (
    ::google::protobuf::int64 value ) [inline]
```

7.196.2.49 Swap()

```
void briar::Tracklet::Swap (
    Tracklet * other )
```

7.196.2.50 tracklet_class()

```
const ::std::string & briar::Tracklet::tracklet_class() const [inline]
```

7.196.2.51 tracklet_id()

```
google::protobuf::int64 briar::Tracklet::tracklet_id() const [inline]
```

7.196.3 Friends And Related Function Documentation

7.196.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct [friend]
```

7.196.3.2 swap

```
void swap(
    Tracklet & a,
    Tracklet & b) [friend]
```

7.196.4 Member Data Documentation

7.196.4.1 kAttributesFieldNumber

```
const int briar::Tracklet::kAttributesFieldNumber = 2 [static]
```

7.196.4.2 kDetectionsFieldNumber

```
const int briar::Tracklet::kDetectionsFieldNumber = 1 [static]
```

7.196.4.3 kIndexInFileMessages

```
constexpr int briar::Tracklet::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 20
```

7.196.4.4 kOptionsFieldNumber

```
const int briar::Tracklet::kOptionsFieldNumber = 5 [static]
```

7.196.4.5 kTrackletClassFieldNumber

```
const int briar::Tracklet::kTrackletClassFieldNumber = 3 [static]
```

7.196.4.6 kTrackletIdFieldNumber

```
const int briar::Tracklet::kTrackletIdFieldNumber = 4 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

7.197 briar::TrackletDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[Tracklet](#)> [_instance](#)

7.197.1 Member Data Documentation

7.197.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<Tracklet> briar::TrackletDefaultType<->  
Internal:::_instance
```

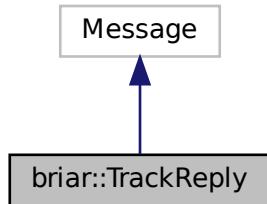
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar.pb.cc](#)

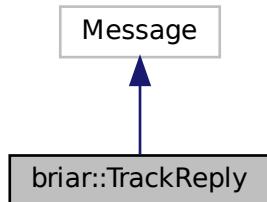
7.198 briar::TrackReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::TrackReply:



Collaboration diagram for briar::TrackReply:



Public Member Functions

- void [add_frame_ids](#) (::google::protobuf::int64 value)
- ::[briar::Tracklet](#) * [add_tracklets](#) ()
- size_t [ByteSizeLong](#) () const final
- void [Clear](#) () final
- void [clear_durations](#) ()
- void [clear_errors](#) ()
- void [clear_frame_ids](#) ()
- void [clear_modality](#) ()
- void [clear_progress](#) ()
- void [clear_tracklets](#) ()
- void [CopyFrom](#) (const ::google::protobuf::Message &from) final
- void [CopyFrom](#) (const [TrackReply](#) &from)
- const ::[briar::BriarDurations](#) & [durations](#) () const
- const ::[briar::BriarErrors](#) & [errors](#) () const

- const ::google::protobuf::RepeatedField< ::google::protobuf::int64 > & **frame_ids** () const
- ::google::protobuf::int64 **frame_ids** (int index) const
- int **frame_ids_size** () const
- int **GetCachedSize** () const final
- ::google::protobuf::Metadata **GetMetadata** () const final
- bool **has_durations** () const
- bool **has_errors** () const
- bool **has_progress** () const
- ::google::protobuf::uint8 * **InternalSerializeWithCachedSizesToArray** (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool **IsInitialized** () const final
- void **MergeFrom** (const ::google::protobuf::Message &from) final
- void **MergeFrom** (const **TrackReply** &from)
- bool **MergePartialFromCodedStream** (::google::protobuf::io::CodedInputStream *input) final
- ::briar::BiometricModality **modality** () const
- ::briar::BriarDurations * **mutable_durations** ()
- ::briar::BriarErrors * **mutable_errors** ()
- ::google::protobuf::RepeatedField< ::google::protobuf::int64 > * **mutable_frame_ids** ()
- ::briar::BriarProgress * **mutable_progress** ()
- ::google::protobuf::RepeatedPtrField< ::briar::Tracklet > * **mutable_tracklets** ()
- ::briar::Tracklet * **mutable_tracklets** (int index)
- **TrackReply** * **New** () const final
- **TrackReply** * **New** (::google::protobuf::Arena *arena) const final
- **TrackReply** & **operator=** (const **TrackReply** &from)
- const ::briar::BriarProgress & **progress** () const
- ::briar::BriarDurations * **release_durations** ()
- ::briar::BriarErrors * **release_errors** ()
- ::briar::BriarProgress * **release_progress** ()
- void **SerializeWithCachedSizes** (::google::protobuf::io::CodedOutputStream *output) const final
- void **set_allocated_durations** (::briar::BriarDurations *durations)
- void **set_allocated_errors** (::briar::BriarErrors *errors)
- void **set_allocated_progress** (::briar::BriarProgress *progress)
- void **set_frame_ids** (int index, ::google::protobuf::int64 value)
- void **set_modality** (::briar::BiometricModality value)
- void **Swap** (**TrackReply** *other)
- const ::google::protobuf::RepeatedPtrField< ::briar::Tracklet > & **tracklets** () const
- const ::briar::Tracklet & **tracklets** (int index) const
- int **tracklets_size** () const
- **TrackReply** ()
- **TrackReply** (const **TrackReply** &from)
- virtual ~**TrackReply** ()

Static Public Member Functions

- static const **TrackReply** & **default_instance** ()
- static const ::google::protobuf::Descriptor * **descriptor** ()
- static void **InitAsDefaultInstance** ()
- static const **TrackReply** * **internal_default_instance** ()

Static Public Attributes

- static const int `kDurationsFieldNumber` = 2
- static const int `kErrorsFieldNumber` = 7
- static const int `kFrameIdsFieldNumber` = 3
- static constexpr int `kIndexInFileMessages`
- static const int `kModalityFieldNumber` = 5
- static const int `kProgressFieldNumber` = 6
- static const int `kTrackletsFieldNumber` = 1

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap` (`TrackReply` &a, `TrackReply` &b)

7.198.1 Constructor & Destructor Documentation

7.198.1.1 `TrackReply()` [1/2]

```
briar::TrackReply::TrackReply ( )
```

7.198.1.2 `~TrackReply()`

```
briar::TrackReply::~TrackReply ( ) [virtual]
```

7.198.1.3 `TrackReply()` [2/2]

```
briar::TrackReply::TrackReply (
    const TrackReply & from )
```

7.198.2 Member Function Documentation

7.198.2.1 `add_frame_ids()`

```
void briar::TrackReply::add_frame_ids (
    ::google::protobuf::int64 value ) [inline]
```

7.198.2.2 add_tracklets()

```
briar::Tracklet * briar::TrackReply::add_tracklets ( ) [inline]
```

7.198.2.3 ByteSizeLong()

```
size_t briar::TrackReply::ByteSizeLong ( ) const [final]
```

7.198.2.4 Clear()

```
void briar::TrackReply::Clear ( ) [final]
```

7.198.2.5 clear_durations()

```
void briar::TrackReply::clear_durations ( )
```

7.198.2.6 clear_errors()

```
void briar::TrackReply::clear_errors ( )
```

7.198.2.7 clear_frame_ids()

```
void briar::TrackReply::clear_frame_ids ( ) [inline]
```

7.198.2.8 clear_modality()

```
void briar::TrackReply::clear_modality ( ) [inline]
```

7.198.2.9 clear_progress()

```
void briar::TrackReply::clear_progress ( )
```

7.198.2.10 clear_tracklets()

```
void briar::TrackReply::clear_tracklets ( )
```

7.198.2.11 CopyFrom() [1/2]

```
void briar::TrackReply::CopyFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.198.2.12 CopyFrom() [2/2]

```
void briar::TrackReply::CopyFrom (
    const TrackReply & from )
```

7.198.2.13 default_instance()

```
const TrackReply & briar::TrackReply::default_instance ( ) [static]
```

7.198.2.14 descriptor()

```
const ::google::protobuf::Descriptor * briar::TrackReply::descriptor ( ) [static]
```

7.198.2.15 durations()

```
const ::briar::BriarDurations & briar::TrackReply::durations ( ) const [inline]
```

7.198.2.16 errors()

```
const ::briar::BriarErrors & briar::TrackReply::errors ( ) const [inline]
```

7.198.2.17 frame_ids() [1/2]

```
const ::google::protobuf::RepeatedField<::google::protobuf::int64> & briar::TrackReply::frame_ids( ) const [inline]
```

7.198.2.18 frame_ids() [2/2]

```
google::protobuf::int64 briar::TrackReply::frame_ids( int index ) const [inline]
```

7.198.2.19 frame_ids_size()

```
int briar::TrackReply::frame_ids_size( ) const [inline]
```

7.198.2.20 GetCachedSize()

```
int briar::TrackReply::GetCachedSize( ) const [inline], [final]
```

7.198.2.21 GetMetadata()

```
google::protobuf::Metadata briar::TrackReply::GetMetadata( ) const [final]
```

7.198.2.22 has_durations()

```
bool briar::TrackReply::has_durations( ) const [inline]
```

7.198.2.23 has_errors()

```
bool briar::TrackReply::has_errors( ) const [inline]
```

7.198.2.24 has_progress()

```
bool briar::TrackReply::has_progress ( ) const [inline]
```

7.198.2.25 InitAsDefaultInstance()

```
void briar::TrackReply::InitAsDefaultInstance ( ) [static]
```

7.198.2.26 internal_default_instance()

```
static const TrackReply* briar::TrackReply::internal_default_instance ( ) [inline], [static]
```

7.198.2.27 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::TrackReply::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.198.2.28 IsInitialized()

```
bool briar::TrackReply::IsInitialized ( ) const [final]
```

7.198.2.29 MergeFrom() [1/2]

```
void briar::TrackReply::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.198.2.30 MergeFrom() [2/2]

```
void briar::TrackReply::MergeFrom (
    const TrackReply & from )
```

7.198.2.31 MergePartialFromCodedStream()

```
bool briar::TrackReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.198.2.32 modality()

```
briar::BiometricModality briar::TrackReply::modality () const [inline]
```

7.198.2.33 mutable_durations()

```
briar::BriarDurations * briar::TrackReply::mutable_durations () [inline]
```

7.198.2.34 mutable_errors()

```
briar::BriarErrors * briar::TrackReply::mutable_errors () [inline]
```

7.198.2.35 mutable_frame_ids()

```
google::protobuf::RepeatedField<::google::protobuf::int64> * briar::TrackReply::mutable_<-
frame_ids () [inline]
```

7.198.2.36 mutable_progress()

```
briar::BriarProgress * briar::TrackReply::mutable_progress () [inline]
```

7.198.2.37 mutable_tracklets() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Tracklet> * briar::TrackReply::mutable_tracklets
() [inline]
```

7.198.2.38 mutable_tracklets() [2/2]

```
briar::Tracklet * briar::TrackReply::mutable_tracklets (
    int index ) [inline]
```

7.198.2.39 New() [1/2]

```
TrackReply* briar::TrackReply::New ( ) const [inline], [final]
```

7.198.2.40 New() [2/2]

```
TrackReply* briar::TrackReply::New (
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.198.2.41 operator=()

```
TrackReply& briar::TrackReply::operator= (
    const TrackReply & from ) [inline]
```

7.198.2.42 progress()

```
const ::briar::BriarProgress & briar::TrackReply::progress ( ) const [inline]
```

7.198.2.43 release_durations()

```
briar::BriarDurations * briar::TrackReply::release_durations ( ) [inline]
```

7.198.2.44 release_errors()

```
briar::BriarErrors * briar::TrackReply::release_errors ( ) [inline]
```

7.198.2.45 release_progress()

```
briar::BriarProgress * briar::TrackReply::release_progress ( ) [inline]
```

7.198.2.46 SerializeWithCachedSizes()

```
void briar::TrackReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.198.2.47 set_allocated_durations()

```
void briar::TrackReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.198.2.48 set_allocated_errors()

```
void briar::TrackReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.198.2.49 set_allocated_progress()

```
void briar::TrackReply::set_allocated_progress (
    ::briar::BriarProgress * progress ) [inline]
```

7.198.2.50 set_frame_ids()

```
void briar::TrackReply::set_frame_ids (
    int index,
    ::google::protobuf::int64 value ) [inline]
```

7.198.2.51 set_modality()

```
void briar::TrackReply::set_modality (
    ::briar::BiometricModality value ) [inline]
```

7.198.2.52 Swap()

```
void briar::TrackReply::Swap (
    TrackReply * other )
```

7.198.2.53 tracklets() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Tracklet> & briar::TrackReply::tracklets (
) const [inline]
```

7.198.2.54 tracklets() [2/2]

```
const ::briar::Tracklet & briar::TrackReply::tracklets (
    int index ) const [inline]
```

7.198.2.55 tracklets_size()

```
int briar::TrackReply::tracklets_size ( ) const [inline]
```

7.198.3 Friends And Related Function Documentation

7.198.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.198.3.2 swap

```
void swap (
    TrackReply & a,
    TrackReply & b ) [friend]
```

7.198.4 Member Data Documentation

7.198.4.1 kDurationsFieldNumber

```
const int briar::TrackReply::kDurationsFieldNumber = 2 [static]
```

7.198.4.2 kErrorsFieldNumber

```
const int briar::TrackReply::kErrorsFieldNumber = 7 [static]
```

7.198.4.3 kFrameIdsFieldNumber

```
const int briar::TrackReply::kFrameIdsFieldNumber = 3 [static]
```

7.198.4.4 kIndexInFileMessages

```
constexpr int briar::TrackReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
=
```

```
26
```

7.198.4.5 kModalityFieldNumber

```
const int briar::TrackReply::kModalityFieldNumber = 5 [static]
```

7.198.4.6 kProgressFieldNumber

```
const int briar::TrackReply::kProgressFieldNumber = 6 [static]
```

7.198.4.7 kTrackletsFieldNumber

```
const int briar::TrackReply::kTrackletsFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.199 briar::TrackReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[TrackReply](#)> `_instance`

7.199.1 Member Data Documentation

7.199.1.1 `_instance`

`::google::protobuf::internal::ExplicitlyConstructed<TrackReply> briar::TrackReplyDefaultTypeInternal::_instance`

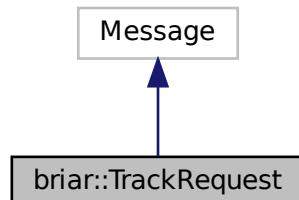
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/grpc/[briar_service.pb.cc](#)

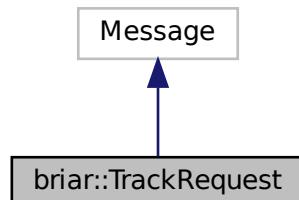
7.200 briar::TrackRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::TrackRequest:



Collaboration diagram for briar::TrackRequest:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_detect_options ()`
- void `clear_durations ()`
- void `clear_media ()`
- void `clear_subject_id ()`
- void `clear_subject_name ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const TrackRequest &from)`
- const ::briar::DetectionOptions & `detect_options () const`
- const ::briar::BriarDurations & `durations () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_detect_options () const`
- bool `has_durations () const`
- bool `has_media () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- const ::briar::BriarMedia & `media () const`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const TrackRequest &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::briar::DetectionOptions * `mutable_detect_options ()`
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::BriarMedia * `mutable_media ()`
- ::std::string * `mutable_subject_id ()`
- ::std::string * `mutable_subject_name ()`
- `TrackRequest * New () const final`
- `TrackRequest * New (::google::protobuf::Arena *arena) const final`
- `TrackRequest & operator= (const TrackRequest &from)`
- ::briar::DetectionOptions * `release_detect_options ()`
- ::briar::BriarDurations * `release_durations ()`
- ::briar::BriarMedia * `release_media ()`
- ::std::string * `release_subject_id ()`
- ::std::string * `release_subject_name ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_detect_options (::briar::DetectionOptions *detect_options)`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_media (::briar::BriarMedia *media)`
- void `set_allocated_subject_id (::std::string *subject_id)`
- void `set_allocated_subject_name (::std::string *subject_name)`
- void `set_subject_id (const ::std::string &value)`
- void `set_subject_id (const char *value)`
- void `set_subject_id (const char *value, size_t size)`
- void `set_subject_name (const ::std::string &value)`
- void `set_subject_name (const char *value)`
- void `set_subject_name (const char *value, size_t size)`
- const ::std::string & `subject_id () const`
- const ::std::string & `subject_name () const`
- void `Swap (TrackRequest *other)`
- `TrackRequest ()`
- `TrackRequest (const TrackRequest &from)`
- virtual `~TrackRequest ()`

Static Public Member Functions

- static const `TrackRequest & default_instance ()`
- static const `::google::protobuf::Descriptor * descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `TrackRequest * internal_default_instance ()`

Static Public Attributes

- static const int `kDetectOptionsFieldNumber = 6`
- static const int `kDurationsFieldNumber = 5`
- static constexpr int `kIndexInFileMessages`
- static const int `kMediaFieldNumber = 1`
- static const int `kSubjectIdFieldNumber = 3`
- static const int `kSubjectNameFieldNumber = 4`

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap (TrackRequest &a, TrackRequest &b)`

7.200.1 Constructor & Destructor Documentation

7.200.1.1 `TrackRequest()` [1/2]

```
briar::TrackRequest::TrackRequest ( )
```

7.200.1.2 `~TrackRequest()`

```
briar::TrackRequest::~TrackRequest ( ) [virtual]
```

7.200.1.3 `TrackRequest()` [2/2]

```
briar::TrackRequest::TrackRequest (   
    const TrackRequest & from )
```

7.200.2 Member Function Documentation

7.200.2.1 ByteSizeLong()

```
size_t briar::TrackRequest::ByteSizeLong ( ) const [final]
```

7.200.2.2 Clear()

```
void briar::TrackRequest::Clear ( ) [final]
```

7.200.2.3 clear_detect_options()

```
void briar::TrackRequest::clear_detect_options ( )
```

7.200.2.4 clear_durations()

```
void briar::TrackRequest::clear_durations ( )
```

7.200.2.5 clear_media()

```
void briar::TrackRequest::clear_media ( )
```

7.200.2.6 clear_subject_id()

```
void briar::TrackRequest::clear_subject_id ( ) [inline]
```

7.200.2.7 clear_subject_name()

```
void briar::TrackRequest::clear_subject_name ( ) [inline]
```

7.200.2.8 CopyFrom() [1/2]

```
void briar::TrackRequest::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.200.2.9 CopyFrom() [2/2]

```
void briar::TrackRequest::CopyFrom (
    const TrackRequest & from )
```

7.200.2.10 default_instance()

```
const TrackRequest & briar::TrackRequest::default_instance () [static]
```

7.200.2.11 descriptor()

```
const ::google::protobuf::Descriptor * briar::TrackRequest::descriptor () [static]
```

7.200.2.12 detect_options()

```
const ::briar::DetectionOptions & briar::TrackRequest::detect_options () const [inline]
```

7.200.2.13 durations()

```
const ::briar::BriarDurations & briar::TrackRequest::durations () const [inline]
```

7.200.2.14 GetCachedSize()

```
int briar::TrackRequest::GetCachedSize () const [inline], [final]
```

7.200.2.15 GetMetadata()

```
google::protobuf::Metadata briar::TrackRequest::GetMetadata () const [final]
```

7.200.2.16 has_detect_options()

```
bool briar::TrackRequest::has_detect_options () const [inline]
```

7.200.2.17 has_durations()

```
bool briar::TrackRequest::has_durations () const [inline]
```

7.200.2.18 has_media()

```
bool briar::TrackRequest::has_media () const [inline]
```

7.200.2.19 InitAsDefaultInstance()

```
void briar::TrackRequest::InitAsDefaultInstance () [static]
```

7.200.2.20 internal_default_instance()

```
static const TrackRequest* briar::TrackRequest::internal_default_instance () [inline], [static]
```

7.200.2.21 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::TrackRequest::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.200.2.22 IsInitialized()

```
bool briar::TrackRequest::IsInitialized () const [final]
```

7.200.2.23 media()

```
const ::briar::BriarMedia & briar::TrackRequest::media ( ) const [inline]
```

7.200.2.24 MergeFrom() [1/2]

```
void briar::TrackRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.200.2.25 MergeFrom() [2/2]

```
void briar::TrackRequest::MergeFrom (
    const TrackRequest & from )
```

7.200.2.26 MergePartialFromCodedStream()

```
bool briar::TrackRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.200.2.27 mutable_detect_options()

```
briar::DetectionOptions * briar::TrackRequest::mutable_detect_options ( ) [inline]
```

7.200.2.28 mutable_durations()

```
briar::BriarDurations * briar::TrackRequest::mutable_durations ( ) [inline]
```

7.200.2.29 mutable_media()

```
briar::BriarMedia * briar::TrackRequest::mutable_media ( ) [inline]
```

7.200.2.30 mutable_subject_id()

```
std::string * briar::TrackRequest::mutable_subject_id ( ) [inline]
```

7.200.2.31 mutable_subject_name()

```
std::string * briar::TrackRequest::mutable_subject_name ( ) [inline]
```

7.200.2.32 New() [1/2]

```
TrackRequest* briar::TrackRequest::New ( ) const [inline], [final]
```

7.200.2.33 New() [2/2]

```
TrackRequest* briar::TrackRequest::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.200.2.34 operator=()

```
TrackRequest& briar::TrackRequest::operator= ( const TrackRequest & from ) [inline]
```

7.200.2.35 release_detect_options()

```
briar::DetectionOptions * briar::TrackRequest::release_detect_options ( ) [inline]
```

7.200.2.36 release_durations()

```
briar::BriarDurations * briar::TrackRequest::release_durations ( ) [inline]
```

7.200.2.37 release_media()

```
briar::BriarMedia * briar::TrackRequest::release_media ( ) [inline]
```

7.200.2.38 release_subject_id()

```
std::string * briar::TrackRequest::release_subject_id ( ) [inline]
```

7.200.2.39 release_subject_name()

```
std::string * briar::TrackRequest::release_subject_name ( ) [inline]
```

7.200.2.40 SerializeWithCachedSizes()

```
void briar::TrackRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.200.2.41 set_allocated_detect_options()

```
void briar::TrackRequest::set_allocated_detect_options (
    ::briar::DetectionOptions * detect_options ) [inline]
```

7.200.2.42 set_allocated_durations()

```
void briar::TrackRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.200.2.43 set_allocated_media()

```
void briar::TrackRequest::set_allocated_media (
    ::briar::BriarMedia * media ) [inline]
```

7.200.2.44 set_allocated_subject_id()

```
void briar::TrackRequest::set_allocated_subject_id (
    ::std::string * subject_id ) [inline]
```

7.200.2.45 set_allocated_subject_name()

```
void briar::TrackRequest::set_allocated_subject_name (
    ::std::string * subject_name ) [inline]
```

7.200.2.46 set_subject_id() [1/3]

```
void briar::TrackRequest::set_subject_id (
    const ::std::string & value ) [inline]
```

7.200.2.47 set_subject_id() [2/3]

```
void briar::TrackRequest::set_subject_id (
    const char * value ) [inline]
```

7.200.2.48 set_subject_id() [3/3]

```
void briar::TrackRequest::set_subject_id (
    const char * value,
    size_t size ) [inline]
```

7.200.2.49 set_subject_name() [1/3]

```
void briar::TrackRequest::set_subject_name (
    const ::std::string & value ) [inline]
```

7.200.2.50 set_subject_name() [2/3]

```
void briar::TrackRequest::set_subject_name (
    const char * value ) [inline]
```

7.200.2.51 set_subject_name() [3/3]

```
void briar::TrackRequest::set_subject_name (
    const char * value,
    size_t size ) [inline]
```

7.200.2.52 subject_id()

```
const ::std::string & briar::TrackRequest::subject_id ( ) const [inline]
```

7.200.2.53 subject_name()

```
const ::std::string & briar::TrackRequest::subject_name ( ) const [inline]
```

7.200.2.54 Swap()

```
void briar::TrackRequest::Swap (
    TrackRequest * other )
```

7.200.3 Friends And Related Function Documentation**7.200.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.200.3.2 swap

```
void swap (
    TrackRequest & a,
    TrackRequest & b ) [friend]
```

7.200.4 Member Data Documentation

7.200.4.1 kDetectOptionsFieldNumber

```
const int briar::TrackRequest::kDetectOptionsFieldNumber = 6 [static]
```

7.200.4.2 kDurationsFieldNumber

```
const int briar::TrackRequest::kDurationsFieldNumber = 5 [static]
```

7.200.4.3 kIndexInFileMessages

```
constexpr int briar::TrackRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 25
```

7.200.4.4 kMediaFieldNumber

```
const int briar::TrackRequest::kMediaFieldNumber = 1 [static]
```

7.200.4.5 kSubjectIdFieldNumber

```
const int briar::TrackRequest::kSubjectIdFieldNumber = 3 [static]
```

7.200.4.6 kSubjectNameFieldNumber

```
const int briar::TrackRequest::kSubjectNameFieldNumber = 4 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc

7.201 briar::TrackRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed< [TrackRequest](#) > _instance

7.201.1 Member Data Documentation

7.201.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<TrackRequest> briar::TrackRequestDefault<->  
TypeInternal::__instance
```

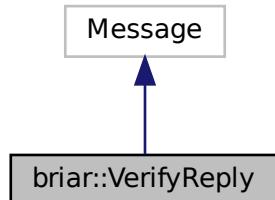
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

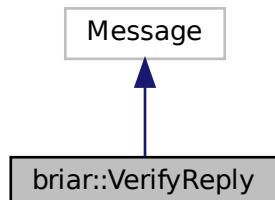
7.202 briar::VerifyReply Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::VerifyReply:



Collaboration diagram for briar::VerifyReply:



Public Member Functions

- size_t `ByteSizeLong () const final`
- void `Clear () final`
- void `clear_durations ()`
- void `clear_errors ()`
- void `clear_similarities ()`
- void `CopyFrom (const ::google::protobuf::Message &from) final`
- void `CopyFrom (const VerifyReply &from)`
- const ::briar::BriarDurations & `durations () const`
- const ::briar::BriarErrors & `errors () const`
- int `GetCachedSize () const final`
- ::google::protobuf::Metadata `GetMetadata () const final`
- bool `has_durations () const`
- bool `has_errors () const`
- bool `has_similarities () const`
- ::google::protobuf::uint8 * `InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final`
- bool `IsInitialized () const final`
- void `MergeFrom (const ::google::protobuf::Message &from) final`
- void `MergeFrom (const VerifyReply &from)`
- bool `MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final`
- ::briar::BriarDurations * `mutable_durations ()`
- ::briar::BriarErrors * `mutable_errors ()`
- ::briar::MatchList * `mutable_similarities ()`
- `VerifyReply * New () const final`
- `VerifyReply * New (::google::protobuf::Arena *arena) const final`
- `VerifyReply & operator= (const VerifyReply &from)`
- ::briar::BriarDurations * `release_durations ()`
- ::briar::BriarErrors * `release_errors ()`
- ::briar::MatchList * `release_similarities ()`
- void `SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- void `set_allocated_durations (::briar::BriarDurations *durations)`
- void `set_allocated_errors (::briar::BriarErrors *errors)`
- void `set_allocated_similarities (::briar::MatchList *similarities)`
- const ::briar::MatchList & `similarities () const`
- void `Swap (VerifyReply *other)`
- `VerifyReply ()`
- `VerifyReply (const VerifyReply &from)`
- virtual ~`VerifyReply ()`

Static Public Member Functions

- static const `VerifyReply & default_instance ()`
- static const ::google::protobuf::Descriptor * `descriptor ()`
- static void `InitAsDefaultInstance ()`
- static const `VerifyReply * internal_default_instance ()`

Static Public Attributes

- static const int `kDurationsFieldNumber = 2`
- static const int `kErrorsFieldNumber = 3`
- static constexpr int `kIndexInFileMessages`
- static const int `kSimilaritiesFieldNumber = 1`

Friends

- struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- void swap (VerifyReply &a, VerifyReply &b)

7.202.1 Constructor & Destructor Documentation

7.202.1.1 VerifyReply() [1/2]

```
briar::VerifyReply::VerifyReply ( )
```

7.202.1.2 ~VerifyReply()

```
briar::VerifyReply::~VerifyReply ( ) [virtual]
```

7.202.1.3 VerifyReply() [2/2]

```
briar::VerifyReply::VerifyReply (
    const VerifyReply & from )
```

7.202.2 Member Function Documentation

7.202.2.1 ByteSizeLong()

```
size_t briar::VerifyReply::ByteSizeLong ( ) const [final]
```

7.202.2.2 Clear()

```
void briar::VerifyReply::Clear ( ) [final]
```

7.202.2.3 clear_durations()

```
void briar::VerifyReply::clear_durations ( )
```

7.202.2.4 clear_errors()

```
void briar::VerifyReply::clear_errors ( )
```

7.202.2.5 clear_similarities()

```
void briar::VerifyReply::clear_similarities ( )
```

7.202.2.6 CopyFrom() [1/2]

```
void briar::VerifyReply::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.202.2.7 CopyFrom() [2/2]

```
void briar::VerifyReply::CopyFrom (
    const VerifyReply & from)
```

7.202.2.8 default_instance()

```
const VerifyReply & briar::VerifyReply::default_instance ( ) [static]
```

7.202.2.9 descriptor()

```
const ::google::protobuf::Descriptor * briar::VerifyReply::descriptor ( ) [static]
```

7.202.2.10 **durations()**

```
const ::briar::BriarDurations & briar::VerifyReply::durations () const [inline]
```

7.202.2.11 **errors()**

```
const ::briar::BriarErrors & briar::VerifyReply::errors () const [inline]
```

7.202.2.12 **GetCachedSize()**

```
int briar::VerifyReply::GetCachedSize () const [inline], [final]
```

7.202.2.13 **GetMetadata()**

```
google::protobuf::Metadata briar::VerifyReply::GetMetadata () const [final]
```

7.202.2.14 **has_durations()**

```
bool briar::VerifyReply::has_durations () const [inline]
```

7.202.2.15 **has_errors()**

```
bool briar::VerifyReply::has_errors () const [inline]
```

7.202.2.16 **has_similarities()**

```
bool briar::VerifyReply::has_similarities () const [inline]
```

7.202.2.17 **InitAsDefaultInstance()**

```
void briar::VerifyReply::InitAsDefaultInstance () [static]
```

7.202.2.18 internal_default_instance()

```
static const VerifyReply* briar::VerifyReply::internal_default_instance ( ) [inline], [static]
```

7.202.2.19 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::VerifyReply::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.202.2.20 IsInitialized()

```
bool briar::VerifyReply::IsInitialized ( ) const [final]
```

7.202.2.21 MergeFrom() [1/2]

```
void briar::VerifyReply::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.202.2.22 MergeFrom() [2/2]

```
void briar::VerifyReply::MergeFrom (
    const VerifyReply & from )
```

7.202.2.23 MergePartialFromCodedStream()

```
bool briar::VerifyReply::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.202.2.24 mutable_durations()

```
briar::BriarDurations * briar::VerifyReply::mutable_durations ( ) [inline]
```

7.202.2.25 mutable_errors()

```
briar::BriarErrors * briar::VerifyReply::mutable_errors ( ) [inline]
```

7.202.2.26 mutable_similarities()

```
briar::MatchList * briar::VerifyReply::mutable_similarities ( ) [inline]
```

7.202.2.27 New() [1/2]

```
VerifyReply* briar::VerifyReply::New ( ) const [inline], [final]
```

7.202.2.28 New() [2/2]

```
VerifyReply* briar::VerifyReply::New ( ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.202.2.29 operator=()

```
VerifyReply& briar::VerifyReply::operator= ( const VerifyReply & from ) [inline]
```

7.202.2.30 release_durations()

```
briar::BriarDurations * briar::VerifyReply::release_durations ( ) [inline]
```

7.202.2.31 release_errors()

```
briar::BriarErrors * briar::VerifyReply::release_errors ( ) [inline]
```

7.202.2.32 release_similarities()

```
briar::MatchList * briar::VerifyReply::release_similarities ( ) [inline]
```

7.202.2.33 SerializeWithCachedSizes()

```
void briar::VerifyReply::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.202.2.34 set_allocated_durations()

```
void briar::VerifyReply::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.202.2.35 set_allocated_errors()

```
void briar::VerifyReply::set_allocated_errors (
    ::briar::BriarErrors * errors ) [inline]
```

7.202.2.36 set_allocated_similarities()

```
void briar::VerifyReply::set_allocated_similarities (
    ::briar::MatchList * similarities ) [inline]
```

7.202.2.37 similarities()

```
const ::briar::MatchList & briar::VerifyReply::similarities ( ) const [inline]
```

7.202.2.38 Swap()

```
void briar::VerifyReply::Swap (
    VerifyReply * other )
```

7.202.3 Friends And Related Function Documentation

7.202.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.202.3.2 swap

```
void swap (
    VerifyReply & a,
    VerifyReply & b ) [friend]
```

7.202.4 Member Data Documentation

7.202.4.1 kDurationsFieldNumber

```
const int briar::VerifyReply::kDurationsFieldNumber = 2 [static]
```

7.202.4.2 kErrorsFieldNumber

```
const int briar::VerifyReply::kErrorsFieldNumber = 3 [static]
```

7.202.4.3 kIndexInFileMessages

```
constexpr int briar::VerifyReply::kIndexInFileMessages [static], [constexpr]
```

Initial value:

=
34

7.202.4.4 kSimilaritiesFieldNumber

```
const int briar::VerifyReply::kSimilaritiesFieldNumber = 1 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.203 briar::VerifyReplyDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[VerifyReply](#) > `_instance`

7.203.1 Member Data Documentation

7.203.1.1 `_instance`

```
::google::protobuf::internal::ExplicitlyConstructed<VerifyReply> briar::VerifyReplyDefaultTypeInternal::_instance
```

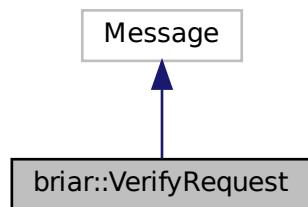
The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

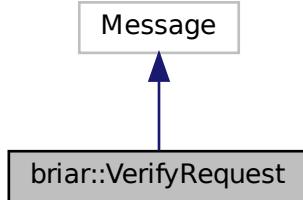
7.204 briar::VerifyRequest Class Reference

```
#include <briar_service.pb.h>
```

Inheritance diagram for briar::VerifyRequest:



Collaboration diagram for briar::VerifyRequest:



Public Member Functions

- ::briar::Detection * add_reference_dets ()
- ::briar::BriarMedia * add_reference_media ()
- ::briar::Detection * add_verification_dets ()
- ::briar::BriarMedia * add_verification_media ()
- size_t ByteSizeLong () const final
- void Clear () final
- void clear_context ()
- void clear_durations ()
- void clear_flag ()
- void clear_reference_dets ()
- void clear_reference_media ()
- void clear_reference_tmpls ()
- void clear_verification_dets ()
- void clear_verification_media ()
- void clear_verification_tmpls ()
- const ::briar::EvalConfig & context () const
- void CopyFrom (const ::google::protobuf::Message &from) final
- void CopyFrom (const VerifyRequest &from)
- const ::briar::BriarDurations & durations () const
- ::briar::VerifyFlags flag () const
- int GetCachedSize () const final
- ::google::protobuf::Metadata GetMetadata () const final
- bool has_context () const
- bool has_durations () const
- bool has_reference_tmpls () const
- bool has_verification_tmpls () const
- ::google::protobuf::uint8 * InternalSerializeWithCachedSizesToArray (bool deterministic, ::google::protobuf::uint8 *target) const final
- bool IsInitialized () const final
- void MergeFrom (const ::google::protobuf::Message &from) final
- void MergeFrom (const VerifyRequest &from)
- bool MergePartialFromCodedStream (::google::protobuf::io::CodedInputStream *input) final
- ::briar::EvalConfig * mutable_context ()
- ::briar::BriarDurations * mutable_durations ()
- ::google::protobuf::RepeatedPtrField< ::briar::Detection > * mutable_reference_dets ()

- `::briar::Detection * mutable_reference_dets (int index)`
- `::google::protobuf::RepeatedPtrField< ::briar::BriarMedia > * mutable_reference_media ()`
- `::briar::BriarMedia * mutable_reference_media (int index)`
- `::briar::TemplateList * mutable_reference_tmpls ()`
- `::google::protobuf::RepeatedPtrField< ::briar::Detection > * mutable_verification_dets ()`
- `::briar::Detection * mutable_verification_dets (int index)`
- `::google::protobuf::RepeatedPtrField< ::briar::BriarMedia > * mutable_verification_media ()`
- `::briar::BriarMedia * mutable_verification_media (int index)`
- `::briar::TemplateList * mutable_verification_tmpls ()`
- `VerifyRequest * New () const final`
- `VerifyRequest * New (::google::protobuf::Arena *arena) const final`
- `VerifyRequest & operator= (const VerifyRequest &from)`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Detection > & reference_dets () const`
- `const ::briar::Detection & reference_dets (int index) const`
- `int reference_dets_size () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::BriarMedia > & reference_media () const`
- `const ::briar::BriarMedia & reference_media (int index) const`
- `int reference_media_size () const`
- `const ::briar::TemplateList & reference_tmpls () const`
- `::briar::EvalConfig * release_context ()`
- `::briar::BriarDurations * release_durations ()`
- `::briar::TemplateList * release_reference_tmpls ()`
- `::briar::TemplateList * release_verification_tmpls ()`
- `void SerializeWithCachedSizes (::google::protobuf::io::CodedOutputStream *output) const final`
- `void set_allocated_context (::briar::EvalConfig *context)`
- `void set_allocated_durations (::briar::BriarDurations *durations)`
- `void set_allocated_reference_tmpls (::briar::TemplateList *reference_tmpls)`
- `void set_allocated_verification_tmpls (::briar::TemplateList *verification_tmpls)`
- `void set_flag (::briar::VerifyFlags value)`
- `void Swap (VerifyRequest *other)`
- `const ::google::protobuf::RepeatedPtrField< ::briar::Detection > & verification_dets () const`
- `const ::briar::Detection & verification_dets (int index) const`
- `int verification_dets_size () const`
- `const ::google::protobuf::RepeatedPtrField< ::briar::BriarMedia > & verification_media () const`
- `const ::briar::BriarMedia & verification_media (int index) const`
- `int verification_media_size () const`
- `const ::briar::TemplateList & verification_tmpls () const`
- `VerifyRequest ()`
- `VerifyRequest (const VerifyRequest &from)`
- `virtual ~VerifyRequest ()`

Static Public Member Functions

- `static const VerifyRequest & default_instance ()`
- `static const ::google::protobuf::Descriptor * descriptor ()`
- `static void InitAsDefaultInstance ()`
- `static const VerifyRequest * internal_default_instance ()`

Static Public Attributes

- static const int `kContextFieldNumber` = 9
- static const int `kDurationsFieldNumber` = 7
- static const int `kFlagFieldNumber` = 8
- static constexpr int `kIndexInFileMessages`
- static const int `kReferenceDetsFieldNumber` = 5
- static const int `kReferenceMediaFieldNumber` = 3
- static const int `kReferenceTmplsFieldNumber` = 1
- static const int `kVerificationDetsFieldNumber` = 6
- static const int `kVerificationMediaFieldNumber` = 4
- static const int `kVerificationTmplsFieldNumber` = 2

Friends

- struct `::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct`
- void `swap` (`VerifyRequest` &`a`, `VerifyRequest` &`b`)

7.204.1 Constructor & Destructor Documentation

7.204.1.1 VerifyRequest() [1/2]

```
briar::VerifyRequest::VerifyRequest ( )
```

7.204.1.2 ~VerifyRequest()

```
briar::VerifyRequest::~VerifyRequest ( ) [virtual]
```

7.204.1.3 VerifyRequest() [2/2]

```
briar::VerifyRequest::VerifyRequest (
    const VerifyRequest & from )
```

7.204.2 Member Function Documentation

7.204.2.1 add_reference_dets()

```
briar::Detection * briar::VerifyRequest::add_reference_dets ( ) [inline]
```

7.204.2.2 add_reference_media()

```
briar::BriarMedia * briar::VerifyRequest::add_reference_media ( ) [inline]
```

7.204.2.3 add_verification_dets()

```
briar::Detection * briar::VerifyRequest::add_verification_dets ( ) [inline]
```

7.204.2.4 add_verification_media()

```
briar::BriarMedia * briar::VerifyRequest::add_verification_media ( ) [inline]
```

7.204.2.5 ByteSizeLong()

```
size_t briar::VerifyRequest::ByteSizeLong ( ) const [final]
```

7.204.2.6 Clear()

```
void briar::VerifyRequest::Clear ( ) [final]
```

7.204.2.7 clear_context()

```
void briar::VerifyRequest::clear_context ( )
```

7.204.2.8 clear_durations()

```
void briar::VerifyRequest::clear_durations ( )
```

7.204.2.9 clear_flag()

```
void briar::VerifyRequest::clear_flag ( ) [inline]
```

7.204.2.10 clear_reference_dets()

```
void briar::VerifyRequest::clear_reference_dets ( )
```

7.204.2.11 clear_reference_media()

```
void briar::VerifyRequest::clear_reference_media ( )
```

7.204.2.12 clear_reference_tmpls()

```
void briar::VerifyRequest::clear_reference_tmpls ( )
```

7.204.2.13 clear_verification_dets()

```
void briar::VerifyRequest::clear_verification_dets ( )
```

7.204.2.14 clear_verification_media()

```
void briar::VerifyRequest::clear_verification_media ( )
```

7.204.2.15 clear_verification_tmpls()

```
void briar::VerifyRequest::clear_verification_tmpls ( )
```

7.204.2.16 context()

```
const ::briar::EvalConfig & briar::VerifyRequest::context ( ) const [inline]
```

7.204.2.17 CopyFrom() [1/2]

```
void briar::VerifyRequest::CopyFrom (
    const ::google::protobuf::Message & from) [final]
```

7.204.2.18 CopyFrom() [2/2]

```
void briar::VerifyRequest::CopyFrom (
    const VerifyRequest & from)
```

7.204.2.19 default_instance()

```
const VerifyRequest & briar::VerifyRequest::default_instance () [static]
```

7.204.2.20 descriptor()

```
const ::google::protobuf::Descriptor * briar::VerifyRequest::descriptor () [static]
```

7.204.2.21 durations()

```
const ::briar::BriarDurations & briar::VerifyRequest::durations () const [inline]
```

7.204.2.22 flag()

```
briar::VerifyFlags briar::VerifyRequest::flag () const [inline]
```

7.204.2.23 GetCachedSize()

```
int briar::VerifyRequest::GetCachedSize () const [inline], [final]
```

7.204.2.24 GetMetadata()

```
google::protobuf::Metadata briar::VerifyRequest::GetMetadata () const [final]
```

7.204.2.25 has_context()

```
bool briar::VerifyRequest::has_context () const [inline]
```

7.204.2.26 has_durations()

```
bool briar::VerifyRequest::has_durations () const [inline]
```

7.204.2.27 has_reference_tmpls()

```
bool briar::VerifyRequest::has_reference_tmpls () const [inline]
```

7.204.2.28 has_verification_tmpls()

```
bool briar::VerifyRequest::has_verification_tmpls () const [inline]
```

7.204.2.29 InitAsDefaultInstance()

```
void briar::VerifyRequest::InitAsDefaultInstance () [static]
```

7.204.2.30 internal_default_instance()

```
static const VerifyRequest* briar::VerifyRequest::internal_default_instance () [inline],  
[static]
```

7.204.2.31 InternalSerializeWithCachedSizesToArray()

```
google::protobuf::uint8 * briar::VerifyRequest::InternalSerializeWithCachedSizesToArray (
    bool deterministic,
    ::google::protobuf::uint8 * target ) const [final]
```

7.204.2.32 IsInitialized()

```
bool briar::VerifyRequest::IsInitialized () const [final]
```

7.204.2.33 MergeFrom() [1/2]

```
void briar::VerifyRequest::MergeFrom (
    const ::google::protobuf::Message & from ) [final]
```

7.204.2.34 MergeFrom() [2/2]

```
void briar::VerifyRequest::MergeFrom (
    const VerifyRequest & from )
```

7.204.2.35 MergePartialFromCodedStream()

```
bool briar::VerifyRequest::MergePartialFromCodedStream (
    ::google::protobuf::io::CodedInputStream * input ) [final]
```

7.204.2.36 mutable_context()

```
briar::EvalConfig * briar::VerifyRequest::mutable_context () [inline]
```

7.204.2.37 mutable_durations()

```
briar::BriarDurations * briar::VerifyRequest::mutable_durations () [inline]
```

7.204.2.38 mutable_reference_dets() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::VerifyRequest::mutable_<->
reference_dets ( ) [inline]
```

7.204.2.39 mutable_reference_dets() [2/2]

```
briar::Detection * briar::VerifyRequest::mutable_reference_dets (
    int index ) [inline]
```

7.204.2.40 mutable_reference_media() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::BriarMedia> * briar::VerifyRequest::mutable_<->
reference_media ( ) [inline]
```

7.204.2.41 mutable_reference_media() [2/2]

```
briar::BriarMedia * briar::VerifyRequest::mutable_reference_media (
    int index ) [inline]
```

7.204.2.42 mutable_reference_tmpls()

```
briar::TemplateList * briar::VerifyRequest::mutable_reference_tmpls ( ) [inline]
```

7.204.2.43 mutable_verification_dets() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::Detection> * briar::VerifyRequest::mutable_<->
verification_dets ( ) [inline]
```

7.204.2.44 mutable_verification_dets() [2/2]

```
briar::Detection * briar::VerifyRequest::mutable_verification_dets (
    int index ) [inline]
```

7.204.2.45 mutable_verification_media() [1/2]

```
google::protobuf::RepeatedPtrField<::briar::BriarMedia> * briar::VerifyRequest::mutable_<-  
verification_media ( ) [inline]
```

7.204.2.46 mutable_verification_media() [2/2]

```
briar::BriarMedia * briar::VerifyRequest::mutable_verification_media (   
    int index ) [inline]
```

7.204.2.47 mutable_verification_tmpls()

```
briar::TemplateList * briar::VerifyRequest::mutable_verification_tmpls ( ) [inline]
```

7.204.2.48 New() [1/2]

```
VerifyRequest* briar::VerifyRequest::New ( ) const [inline], [final]
```

7.204.2.49 New() [2/2]

```
VerifyRequest* briar::VerifyRequest::New (   
    ::google::protobuf::Arena * arena ) const [inline], [final]
```

7.204.2.50 operator=()

```
VerifyRequest& briar::VerifyRequest::operator= (   
    const VerifyRequest & from ) [inline]
```

7.204.2.51 reference_dets() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::VerifyRequest::reference_<-  
_dets ( ) const [inline]
```

7.204.2.52 reference_dets() [2/2]

```
const ::briar::Detection & briar::VerifyRequest::reference_dets (
    int index ) const [inline]
```

7.204.2.53 reference_dets_size()

```
int briar::VerifyRequest::reference_dets_size ( ) const [inline]
```

7.204.2.54 reference_media() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::BriarMedia> & briar::VerifyRequest::
::reference_media ( ) const [inline]
```

7.204.2.55 reference_media() [2/2]

```
const ::briar::BriarMedia & briar::VerifyRequest::reference_media (
    int index ) const [inline]
```

7.204.2.56 reference_media_size()

```
int briar::VerifyRequest::reference_media_size ( ) const [inline]
```

7.204.2.57 reference_tmpls()

```
const ::briar::TemplateList & briar::VerifyRequest::reference_tmpls ( ) const [inline]
```

7.204.2.58 release_context()

```
briar::EvalConfig * briar::VerifyRequest::release_context ( ) [inline]
```

7.204.2.59 release_durations()

```
briar::BriarDurations * briar::VerifyRequest::release_durations ( ) [inline]
```

7.204.2.60 release_reference_tmpls()

```
briar::TemplateList * briar::VerifyRequest::release_reference_tmpls ( ) [inline]
```

7.204.2.61 release_verification_tmpls()

```
briar::TemplateList * briar::VerifyRequest::release_verification_tmpls ( ) [inline]
```

7.204.2.62 SerializeWithCachedSizes()

```
void briar::VerifyRequest::SerializeWithCachedSizes (
    ::google::protobuf::io::CodedOutputStream * output ) const [final]
```

7.204.2.63 set_allocated_context()

```
void briar::VerifyRequest::set_allocated_context (
    ::briar::EvalConfig * context ) [inline]
```

7.204.2.64 set_allocated_durations()

```
void briar::VerifyRequest::set_allocated_durations (
    ::briar::BriarDurations * durations ) [inline]
```

7.204.2.65 set_allocated_reference_tmpls()

```
void briar::VerifyRequest::set_allocated_reference_tmpls (
    ::briar::TemplateList * reference_tmpls ) [inline]
```

7.204.2.66 set_allocated_verification_tmpls()

```
void briar::VerifyRequest::set_allocated_verification_tmpls (
    ::briar::TemplateList * verification_tmpls ) [inline]
```

7.204.2.67 set_flag()

```
void briar::VerifyRequest::set_flag (
    ::briar::VerifyFlags value ) [inline]
```

7.204.2.68 Swap()

```
void briar::VerifyRequest::Swap (
    VerifyRequest * other )
```

7.204.2.69 verification_dets() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::Detection> & briar::VerifyRequest::verification_dets (
    ) const [inline]
```

7.204.2.70 verification_dets() [2/2]

```
const ::briar::Detection & briar::VerifyRequest::verification_dets (
    int index ) const [inline]
```

7.204.2.71 verification_dets_size()

```
int briar::VerifyRequest::verification_dets_size ( ) const [inline]
```

7.204.2.72 verification_media() [1/2]

```
const ::google::protobuf::RepeatedPtrField<::briar::BriarMedia> & briar::VerifyRequest::verification_media (
    ) const [inline]
```

7.204.2.73 verification_media() [2/2]

```
const ::briar::BriarMedia & briar::VerifyRequest::verification_media (
    int index ) const [inline]
```

7.204.2.74 verification_media_size()

```
int briar::VerifyRequest::verification_media_size ( ) const [inline]
```

7.204.2.75 verification_tmpls()

```
const ::briar::TemplateList & briar::VerifyRequest::verification_tmpls ( ) const [inline]
```

7.204.3 Friends And Related Function Documentation**7.204.3.1 ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct**

```
friend struct ::protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct [friend]
```

7.204.3.2 swap

```
void swap (
    VerifyRequest & a,
    VerifyRequest & b ) [friend]
```

7.204.4 Member Data Documentation**7.204.4.1 kContextFieldNumber**

```
const int briar::VerifyRequest::kContextFieldNumber = 9 [static]
```

7.204.4.2 kDurationsFieldNumber

```
const int briar::VerifyRequest::kDurationsFieldNumber = 7 [static]
```

7.204.4.3 kFlagFieldNumber

```
const int briar::VerifyRequest::kFlagFieldNumber = 8 [static]
```

7.204.4.4 kIndexInFileMessages

```
constexpr int briar::VerifyRequest::kIndexInFileMessages [static], [constexpr]
```

Initial value:

```
= 33
```

7.204.4.5 kReferenceDetsFieldNumber

```
const int briar::VerifyRequest::kReferenceDetsFieldNumber = 5 [static]
```

7.204.4.6 kReferenceMediaFieldNumber

```
const int briar::VerifyRequest::kReferenceMediaFieldNumber = 3 [static]
```

7.204.4.7 kReferenceTmplsFieldNumber

```
const int briar::VerifyRequest::kReferenceTmplsFieldNumber = 1 [static]
```

7.204.4.8 kVerificationDetsFieldNumber

```
const int briar::VerifyRequest::kVerificationDetsFieldNumber = 6 [static]
```

7.204.4.9 kVerificationMediaFieldNumber

```
const int briar::VerifyRequest::kVerificationMediaFieldNumber = 4 [static]
```

7.204.4.10 kVerificationTmplsFieldNumber

```
const int briar::VerifyRequest::kVerificationTmplsFieldNumber = 2 [static]
```

The documentation for this class was generated from the following files:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.h](#)
- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

7.205 briar::VerifyRequestDefaultTypeInternal Class Reference

Public Attributes

- ::google::protobuf::internal::ExplicitlyConstructed<[VerifyRequest](#)> [_instance](#)

7.205.1 Member Data Documentation

7.205.1.1 [_instance](#)

```
::google::protobuf::internal::ExplicitlyConstructed<VerifyRequest> briar::VerifyRequest<->  
DefaultTypeInternal:::\_instance
```

The documentation for this class was generated from the following file:

- /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/[briar_service.pb.cc](#)

Chapter 8

File Documentation

8.1 /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.cc File Reference

```
#include "briar/briar_grpc/briar.pb.h"
#include <algorithm>
#include <google/protobuf/stubs/common.h>
#include <google/protobuf/stubs/port.h>
#include <google/protobuf/io/coded_stream.h>
#include <google/protobuf/wire_format_lite_inl.h>
#include <google/protobuf/descriptor.h>
#include <google/protobuf/generated_message_reflection.h>
#include <google/protobuf/reflection_ops.h>
#include <google/protobuf/wire_format.h>
```

Include dependency graph for briar.pb.cc:



Classes

- class [briar::AccessRecordDefaultTypeInternal](#)
- class [briar::APIVersionDefaultTypeInternal](#)
- class [briar::AttributeDefaultTypeInternal](#)
- class [briar::BoolOptionDefaultTypeInternal](#)
- class [briar::BriarDatabaseDefaultTypeInternal](#)
- class [briar::BriarDatabaseInfoDefaultTypeInternal](#)
- class [briar::BriarDurationDefaultTypeInternal](#)
- class [briar::BriarDurations_SubDurationsEntry_DoNotUseDefaultTypeInternal](#)
- class [briar::BriarDurationsDefaultTypeInternal](#)
- class [briar::BriarDurationsListDefaultTypeInternal](#)
- class [briar::BriarGalleryInfoDefaultTypeInternal](#)
- class [briar::BriarGalleryListDefaultTypeInternal](#)
- class [briar::BriarMatrixDefaultTypeInternal](#)
- class [briar::BriarMediaDefaultTypeInternal](#)

- class briar::BriarPoint2DDefaultTypeInternal
- class briar::BriarProgressDefaultTypeInternal
- class briar::BriarRectDefaultTypeInternal
- class briar::BriarTrackDefaultTypeInternal
- class briar::BriarVectorDefaultTypeInternal
- class briar::ClusterConfidenceDefaultTypeInternal
- class briar::ClusterIdsDefaultTypeInternal
- class briar::DetectionDefaultTypeInternal
- class briar::DetectionOptionsDefaultTypeInternal
- class briar::EnhanceOptionsDefaultTypeInternal
- class briar::EnrollmentInfoDefaultTypeInternal
- class briar::EnrollOptionsDefaultTypeInternal
- class briar::EvalConfigDefaultTypeInternal
- class briar::ExtractOptionsDefaultTypeInternal
- class briar::FloatOptionDefaultTypeInternal
- class briar::FrameMetadataDefaultTypeInternal
- class briar::ImageDetectionListDefaultTypeInternal
- class briar::ImageDetectionListGroupDefaultTypeInternal
- class briar::IntOptionDefaultTypeInternal
- class briar::MatchInfoDefaultTypeInternal
- class briar::MatchListDefaultTypeInternal
- class briar::MediaMetadataDefaultTypeInternal
- class briar::RecordDefaultTypeInternal
- class briar::RecordListDefaultTypeInternal
- class briar::SearchOptionsDefaultTypeInternal
- struct protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::StaticDescriptorInitializer
- class briar::StringOptionDefaultTypeInternal
- class briar::TemplateDefaultTypeInternal
- class briar::TemplateIdsDefaultTypeInternal
- class briar::TemplateImageInputDefaultTypeInternal
- class briar::TemplateListDefaultTypeInternal
- class briar::TemplateListGroupDefaultTypeInternal
- class briar::TrackingOptionsDefaultTypeInternal
- class briar::TrackletDefaultTypeInternal

Namespaces

- briar
- google
- google::protobuf
- protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto

Macros

- #define DO_(EXPRESSION) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure

Functions

- void [protobuf_briar_2fbriar_5fgrpc_2fbriar_2proto::AddDescriptors](#) ()
 - void [protobuf_briar_2fbriar_5fgrpc_2fbriar_2proto::AddDescriptorsImpl](#) ()
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::[briar::AccessRecord](#) * [google::protobuf::Arena::CreateMaybeMessage](#)(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::[briar::APIVersion](#) * [google::protobuf::Arena::CreateMaybeMessage](#)(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::[briar::Attribute](#) * [google::protobuf::Arena::CreateMaybeMessage](#)(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::[briar::BoolOption](#) * [google::protobuf::Arena::CreateMaybeMessage](#)(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::[briar::BriarDatabase](#) * [google::protobuf::Arena::CreateMaybeMessage](#)(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::[briar::BriarDatabaseInfo](#) * [google::protobuf::Arena::CreateMaybeMessage](#)(Arena *arena)

- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDuration * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDurations * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDurations_SubDurationsEntry_DoNotUse * google::protobuf::Arena::CreateMaybeMessage< ::briar::BriarDurations_SubDurationsEntry_DoNotUse >(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarDurationsList * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarGalleryInfo * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarGalleryList * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarMatrix * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarMedia * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarPoint2D * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarProgress * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarRect * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarTrack * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::BriarVector * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterConfidence * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterIds * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Detection * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DetectionOptions * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnhanceOptions * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollmentInfo * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollOptions * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EvalConfig * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ExtractOptions * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::FloatOption * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::FrameMetadata * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ImageDetectionList * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ImageDetectionListGroup * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::IntOption * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::MatchInfo * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)

- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::MatchList * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::MediaMetadata * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Record * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::RecordList * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::SearchOptions * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::StringOption * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Template * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateIds * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateImageInput * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateList * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TemplateListGroup * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TrackingOptions * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Tracklet * google::protobuf::Arena::CreateMaybeMessage(Arena *arena)
- const ::google::protobuf::EnumDescriptor * briar::BatchPolicy_descriptor()
- bool briar::BatchPolicy_IsValid(int value)
- const ::google::protobuf::EnumDescriptor * briar::BiometricModality_descriptor()
- bool briar::BiometricModality_IsValid(int value)
- const ::google::protobuf::EnumDescriptor * briar::BriarDataType_descriptor()
- bool briar::BriarDataType_IsValid(int value)
- const ::google::protobuf::EnumDescriptor * briar::BriarMedia_DataType_descriptor()
- bool briar::BriarMedia_DataType_IsValid(int value)
- const ::google::protobuf::EnumDescriptor * briar::BriarServiceStatus_descriptor()
- bool briar::BriarServiceStatus_IsValid(int value)
- const ::google::protobuf::EnumDescriptor * briar::DetectionPolicy_descriptor()
- bool briar::DetectionPolicy_IsValid(int value)
- const ::google::protobuf::EnumDescriptor * briar::EnrollFlags_descriptor()
- bool briar::EnrollFlags_IsValid(int value)
- const ::google::protobuf::EnumDescriptor * briar::EnrollmentType_descriptor()
- bool briar::EnrollmentType_IsValid(int value)
- const ::google::protobuf::EnumDescriptor * briar::EntryType_descriptor()
- bool briar::EntryType_IsValid(int value)
- const ::google::protobuf::EnumDescriptor * briar::ExtractFlags_descriptor()
- bool briar::ExtractFlags_IsValid(int value)
- const ::google::protobuf::EnumDescriptor * briar::FeatureVectorType_descriptor()
- bool briar::FeatureVectorType_IsValid(int value)
- const ::google::protobuf::uint32 TableStruct::offsets[] protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE(protodesc_cold)
- void protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::InitDefaults()
- const ::google::protobuf::EnumDescriptor * briar::MediaType_descriptor()
- bool briar::MediaType_IsValid(int value)
- void protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::protobuf_AssignDescriptors()
- void protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::protobuf_AssignDescriptorsOnce()

- void `protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::protobuf_RegisterTypes` (const ::std::string &) GOOGL_E_PROTOBUF_ATTRIBUTE_COLD
- const ::google::protobuf::EnumDescriptor * `briar::SearchFlags_descriptor` ()
- bool `briar::SearchFlags_IsValid` (int value)
- const ::google::protobuf::EnumDescriptor * `briar::VerifyFlags_descriptor` ()
- bool `briar::VerifyFlags_IsValid` (int value)

Variables

- class `briar::AccessRecordDefaultTypeInternal briar::_AccessRecord_default_instance_`
- class `briar::APIVersionDefaultTypeInternal briar::_APIVersion_default_instance_`
- class `briar::AttributeDefaultTypeInternal briar::_Attribute_default_instance_`
- class `briar::BoolOptionDefaultTypeInternal briar::_BoolOption_default_instance_`
- class `briar::BriarDatabaseDefaultTypeInternal briar::_BriarDatabase_default_instance_`
- class `briar::BriarDatabaseInfoDefaultTypeInternal briar::_BriarDatabaseInfo_default_instance_`
- class `briar::BriarDurationDefaultTypeInternal briar::_BriarDuration_default_instance_`
- class `briar::BriarDurationsDefaultTypeInternal briar::_BriarDurations_default_instance_`
- class `briar::BriarDurations_SubDurationsEntry_DoNotUseDefaultTypeInternal briar::_BriarDurations_SubDurationsEntry_DoNotUseDefaultType_`
- class `briar::BriarDurationsListDefaultTypeInternal briar::_BriarDurationsList_default_instance_`
- class `briar::BriarGalleryInfoDefaultTypeInternal briar::_BriarGalleryInfo_default_instance_`
- class `briar::BriarGalleryListDefaultTypeInternal briar::_BriarGalleryList_default_instance_`
- class `briar::BriarMatrixDefaultTypeInternal briar::_BriarMatrix_default_instance_`
- class `briar::BriarMediaDefaultTypeInternal briar::_BriarMedia_default_instance_`
- class `briar::BriarPoint2DDefaultTypeInternal briar::_BriarPoint2D_default_instance_`
- class `briar::BriarProgressDefaultTypeInternal briar::_BriarProgress_default_instance_`
- class `briar::BriarRectDefaultTypeInternal briar::_BriarRect_default_instance_`
- class `briar::BriarTrackDefaultTypeInternal briar::_BriarTrack_default_instance_`
- class `briar::BriarVectorDefaultTypeInternal briar::_BriarVector_default_instance_`
- class `briar::ClusterConfidenceDefaultTypeInternal briar::_ClusterConfidence_default_instance_`
- class `briar::ClusterIdsDefaultTypeInternal briar::_ClusterIds_default_instance_`
- class `briar::DetectionDefaultTypeInternal briar::_Detection_default_instance_`
- class `briar::DetectionOptionsDefaultTypeInternal briar::_DetectionOptions_default_instance_`
- class `briar::EnhanceOptionsDefaultTypeInternal briar::_EnhanceOptions_default_instance_`
- class `briar::EnrollmentInfoDefaultTypeInternal briar::_EnrollmentInfo_default_instance_`
- class `briar::EnrollOptionsDefaultTypeInternal briar::_EnrollOptions_default_instance_`
- class `briar::EvalConfigDefaultTypeInternal briar::_EvalConfig_default_instance_`
- class `briar::ExtractOptionsDefaultTypeInternal briar::_ExtractOptions_default_instance_`
- class `briar::FloatOptionDefaultTypeInternal briar::_FloatOption_default_instance_`
- class `briar::FrameMetadataDefaultTypeInternal briar::_FrameMetadata_default_instance_`
- class `briar::ImageDetectionListDefaultTypeInternal briar::_ImageDetectionList_default_instance_`
- class `briar::ImageDetectionListGroupDefaultTypeInternal briar::_ImageDetectionListGroup_default_instance_`
- class `briar::IntOptionDefaultTypeInternal briar::_IntOption_default_instance_`
- class `briar::MatchInfoDefaultTypeInternal briar::_MatchInfo_default_instance_`
- class `briar::MatchListDefaultTypeInternal briar::_MatchList_default_instance_`
- class `briar::MediaMetadataDefaultTypeInternal briar::_MediaMetadata_default_instance_`
- class `briar::RecordDefaultTypeInternal briar::_Record_default_instance_`
- class `briar::RecordListDefaultTypeInternal briar::_RecordList_default_instance_`
- class `briar::SearchOptionsDefaultTypeInternal briar::_SearchOptions_default_instance_`
- class `briar::StringOptionDefaultTypeInternal briar::_StringOption_default_instance_`
- class `briar::TemplateDefaultTypeInternal briar::_Template_default_instance_`
- class `briar::TemplateIdsDefaultTypeInternal briar::_TemplateIds_default_instance_`
- class `briar::TemplateImageInputDefaultTypeInternal briar::_TemplateImageInput_default_instance_`
- class `briar::TemplateListDefaultTypeInternal briar::_TemplateList_default_instance_`
- class `briar::TemplateListGroupDefaultTypeInternal briar::_TemplateListGroup_default_instance_`

- class briar::TrackingOptionsDefaultTypeInternal briar::_TrackingOptions_default_instance_
- class briar::TrackletDefaultTypeInternal briar::_Tracklet_default_instance_
- const ::google::protobuf::EnumDescriptor * protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::file_level_enum_descriptors [14]
- ::google::protobuf::Metadata protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::file_level_metadata [47]
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_AccessRecord
- ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_APIVersion
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 4 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Attribute
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BoolOption
- ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabase
- ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDatabaseInfo
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDuration
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 2 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurations
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurationsEntry_DoNotUse
- ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarDurationsList
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarGalleryInfo
- ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarGalleryList
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarMatrix
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarPoint2D
- ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarProgress
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarRect
- ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarTrack
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_BriarVector
- ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ClusterConfidence
- ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ClusterIds
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 2 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Detection
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 6 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_DetectionOptions
- ::google::protobuf::internal::SCCInfo< 4 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EnhanceOptions
- ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EnrollmentInfo
- ::google::protobuf::internal::SCCInfo< 3 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EnrollOptions
- ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_EvalConfig
- ::google::protobuf::internal::SCCInfo< 4 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ExtractOptions
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_FloatOption
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 2 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ImageDetectionList
- ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_ImageDetectionListGroup
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_IntOption
- PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 2 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_MatchInfo
- ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_MatchList

- PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 6 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Record
- ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_RecordList
- ::google::protobuf::internal::SCCInfo< 4 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_SearchOptions
- PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_StringOption
- PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Template
- PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateIds
- ::google::protobuf::internal::SCCInfo< 2 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateImageInput
- PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateList
- ::google::protobuf::internal::SCCInfo< 1 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TemplateListGroup
- PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 5 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_TrackingOptions
- PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto ::google::protobuf::internal::SCCInfo< 3 > protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::scc_info_Tracklet
- struct protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::StaticDescriptorInitializer protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::

8.1.1 Macro Definition Documentation

8.1.1.1 DO_ [1/46]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.2 DO_ [2/46]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.3 DO_ [3/46]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.4 DO_ [4/46]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.5 DO_ [5/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.6 DO_ [6/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.7 DO_ [7/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.8 DO_ [8/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.9 DO_ [9/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.10 DO_ [10/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.11 DO_ [11/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.12 DO_ [12/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.13 DO_ [13/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.14 DO_ [14/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.15 DO_ [15/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.16 DO_ [16/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.17 DO_ [17/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.18 DO_ [18/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.19 DO_ [19/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.20 DO_ [20/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.21 DO_ [21/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.22 DO_ [22/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.23 DO_ [23/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.24 DO_ [24/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.25 DO_ [25/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.26 DO_ [26/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.27 DO_ [27/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.28 DO_ [28/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.29 DO_ [29/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.30 DO_ [30/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.31 DO_ [31/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.32 DO_ [32/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.33 DO_ [33/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.34 DO_ [34/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.35 DO_ [35/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.36 DO_ [36/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.37 DO_ [37/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.38 DO_ [38/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.39 DO_ [39/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.40 DO_ [40/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.41 DO_ [41/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.42 DO_ [42/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.43 DO_ [43/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.44 DO_ [44/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.1.1.45 DO_ [45/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

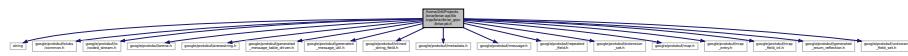
8.1.1.46 DO_ [46/46]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

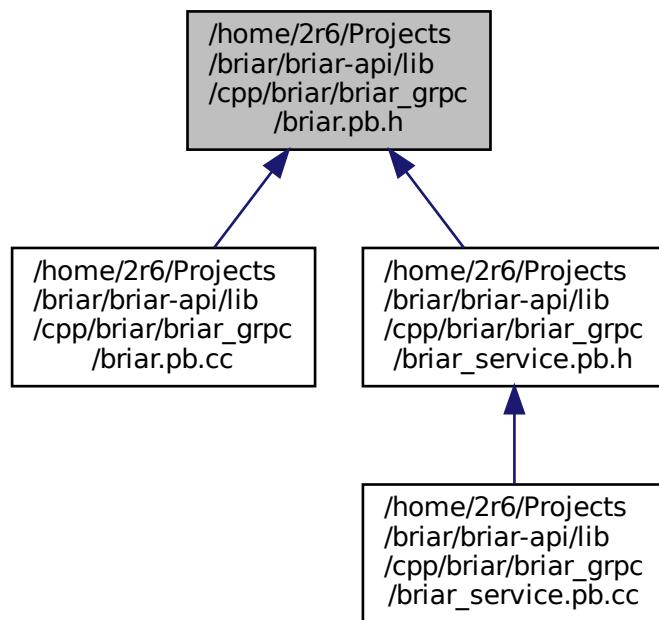
8.2 /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar.pb.h File Reference

```
#include <string>
#include <google/protobuf/stubs/common.h>
#include <google/protobuf/io/coded_stream.h>
#include <google/protobuf/arena.h>
#include <google/protobuf/arenastring.h>
#include <google/protobuf/generated_message_table_driven.h>
#include <google/protobuf/generated_message_util.h>
#include <google/protobuf/inlined_string_field.h>
#include <google/protobuf/metadata.h>
#include <google/protobuf/message.h>
#include <google/protobuf/repeated_field.h>
#include <google/protobuf/extension_set.h>
#include <google/protobuf/map.h>
#include <google/protobuf/map_entry.h>
#include <google/protobuf/map_field_inl.h>
#include <google/protobuf/generated_enum_reflection.h>
#include <google/protobuf/unknown_field_set.h>
```

Include dependency graph for briar.pb.h:



This graph shows which files directly or indirectly include this file:



Classes

- class briar::AccessRecord
- class briar::APIVersion
- class briar::Attribute
- class briar::BoolOption
- class briar::BriarDatabase
- class briar::BriarDatabaseInfo
- class briar::BriarDuration
- class briar::BriarDurations
- class briar::BriarDurations_SubDurationsEntry_DoNotUse
- class briar::BriarDurationsList
- class briar::BriarGalleryInfo
- class briar::BriarGalleryList
- class briar::BriarMatrix
- class briar::BriarMedia
- class briar::BriarPoint2D
- class briar::BriarProgress
- class briar::BriarRect
- class briar::BriarTrack
- class briar::BriarVector
- class briar::ClusterConfidence
- class briar::ClusterIds
- class briar::Detection
- class briar::DetectionOptions
- class briar::EnhanceOptions
- class briar::EnrollmentInfo
- class briar::EnrollOptions
- class briar::EvalConfig
- class briar::ExtractOptions
- class briar::FloatOption
- class briar::FrameMetadata
- class briar::ImageDetectionList
- class briar::ImageDetectionListGroup
- class briar::IntOption
- struct google::protobuf::is_proto_enum< ::briar::BatchPolicy >
- struct google::protobuf::is_proto_enum< ::briar::BiometricModality >
- struct google::protobuf::is_proto_enum< ::briar::BriarDataType >
- struct google::protobuf::is_proto_enum< ::briar::BriarMedia_DataType >
- struct google::protobuf::is_proto_enum< ::briar::BriarServiceStatus >
- struct google::protobuf::is_proto_enum< ::briar::DetectionPolicy >
- struct google::protobuf::is_proto_enum< ::briar::EnrollFlags >
- struct google::protobuf::is_proto_enum< ::briar::EnrollmentType >
- struct google::protobuf::is_proto_enum< ::briar::EntryType >
- struct google::protobuf::is_proto_enum< ::briar::ExtractFlags >
- struct google::protobuf::is_proto_enum< ::briar::FeatureVectorType >
- struct google::protobuf::is_proto_enum< ::briar::MediaType >
- struct google::protobuf::is_proto_enum< ::briar::SearchFlags >
- struct google::protobuf::is_proto_enum< ::briar::VerifyFlags >
- class briar::MatchInfo
- class briar::MatchList
- class briar::MediaMetadata
- class briar::Record
- class briar::RecordList
- class briar::SearchOptions

- class briar::StringOption
- struct protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::TableStruct
- class briar::Template
- class briar::TemplateIds
- class briar::TemplateImageInput
- class briar::TemplateList
- class briar::TemplateListGroup
- class briar::TrackingOptions
- class briar::Tracklet

Namespaces

- briar
- google
- google::protobuf
- protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto

Macros

- #define PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto

Enumerations

- enum briar::BatchPolicy { briar::AbortEarly = 0, briar::FlagAndFinish = 1, briar::BatchPolicy_INT_MIN_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32min, briar::BatchPolicy_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max }
- enum briar::BiometricModality {
 briar::UNSPECIFIED = 0, briar::WHOLE_BODY = 1, briar::FACE = 2, briar::GAIT = 3,
 briar::BiometricModality_INT_MIN_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32min, briar::BiometricModality_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max
 }
- enum briar::BriarDataType {
 briar::EMPTY = 0, briar::STRING = 1, briar::INT = 2, briar::FLOAT = 3,
 briar::BYTES = 4, briar::VECTOR = 5, briar::PICKLE = 6, briar::XML = 7,
 briar::JSON = 8, briar::BriarDataType_INT_MIN_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32min, briar::BriarDataType_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max
 }
- enum briar::BriarMedia_DataType {
 briar::BriarMedia_DataType_UINT8 = 0, briar::BriarMedia_DataType_UINT16 = 1, briar::BriarMedia_DataType_FLOAT32 = 2, briar::BriarMedia_DataType_URL = 3,
 briar::BriarMedia_DataType_PNG = 4, briar::BriarMedia_DataType_JPG = 5, briar::BriarMedia_DataType_RAW = 6, briar::BriarMedia_DataType_EPS = 7,
 briar::BriarMedia_DataType_TIF = 8, briar::BriarMedia_DataType_GIF = 9, briar::BriarMedia_DataType_MJPG = 10, briar::BriarMedia_DataType_H264 = 11,
 briar::BriarMedia_DataType_H265 = 12, briar::BriarMedia_DataType_SOURCE_ONLY = 13, briar::BriarMedia_DataType_BriarMedia_DataType_BRIAR = ::google::protobuf::kint32min, briar::BriarMedia_DataType_BriarMedia_DataType_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max
 }
- enum briar::BriarServiceStatus {
 briar::UNKNOWN = 0, briar::READY = 1, briar::ERROR = 2, briar::BUSY = 3,
 briar::BriarServiceStatus_INT_MIN_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32min, briar::BriarServiceStatus_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max
 }
- enum briar::DetectionPolicy {
 briar::DetectAll = 0, briar::DetectLargest = 1, briar::DetectBest = 2, briar::DetectionPolicy_INT_MIN_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32min, briar::DetectionPolicy_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max
 }

- enum `briar::EnrollFlags` {

`briar::ENROLL_FULL_IMAGE` = 0, `briar::ENROLL_AUTO_DETECTION` = 1, `briar::ENROLL_PROVIDED_DETECTION` = 2, `briar::ENROLL_PROVIDED_TEMPLATE` = 3,

`briar::EnrollFlags_INT_MIN_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32min`, `briar::EnrollFlags_INT_MAX_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32max` }
- enum `briar::EnrollmentType` {

`briar::_1Reference` = 0, `briar::_1Verification` = 1, `briar::_1NProbe` = 2, `briar::_1NGallery` = 3,

`briar::Cluster` = 4, `briar::EnrollmentType_INT_MIN_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32min`, `briar::EnrollmentType_INT_MAX_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32max` }
- enum `briar::EntryType` {

`briar::ENTRY_TYPE_UNKNOWN` = 0, `briar::ENTRY_TYPE_SUBJECT` = 1, `briar::ENTRY_TYPE_MEDIA` = 2, `briar::EntryType_INT_MIN_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32min`,
 `briar::EntryType_INT_MAX_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32max` }
- enum `briar::ExtractFlags` {

`briar::EXTRACT_FULL_IMAGE` = 0, `briar::EXTRACT_AUTO_DETECTION` = 1, `briar::EXTRACT_PROVIDED_DETECTION` = 2, `briar::ExtractFlags_INT_MIN_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32min`,
 `briar::ExtractFlags_INT_MAX_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32max` }
- enum `briar::FeatureVectorType` {

`briar::BriarInt8` = 0, `briar::BriarInt16` = 1, `briar::BriarInt32` = 2, `briar::BriarInt64` = 3,
 `briar::BriarUInt8` = 4, `briar::BriarUInt16` = 5, `briar::BriarUInt32` = 6, `briar::BriarUInt64` = 7,
 `briar::BriarFloat` = 8, `briar::BriarDouble` = 9, `briar::FeatureVectorType_INT_MIN_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32min`, `briar::FeatureVectorType_INT_MAX_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32max` }
- enum `briar::MediaType` { `briar::MEDIA_IMAGE` = 0, `briar::MEDIA_VIDEO` = 1, `briar::MediaType_INT_MIN_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32min`, `briar::MediaType_INT_MAX_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32max` }
- enum `briar::SearchFlags` {

`briar::SEARCH_FULL_IMAGE` = 0, `briar::SEARCH_AUTO_DETECTION` = 1, `briar::SEARCH_PROVIDED_DETECTIONS` = 2, `briar::SEARCH_PROVIDED_TEMPLATES` = 3,
 `briar::SearchFlags_INT_MIN_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32min`, `briar::SearchFlags_INT_MAX_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32max` }
- enum `briar::VerifyFlags` {

`briar::VERIFY_FULL_IMAGE` = 0, `briar::VERIFY_PROVIDED_DETECTIONS` = 1, `briar::VERIFY_PROVIDED_TEMPLATES` = 2, `briar::VerifyFlags_INT_MIN_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32min`,
 `briar::VerifyFlags_INT_MAX_SENTINEL_DO_NOT_USE_` = `::google::protobuf::kint32max` }

Functions

- void `protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto::AddDescriptors` ()
- template<> `::briar::AccessRecord * google::protobuf::Arena::CreateMaybeMessage<::briar::AccessRecord >` (`Arena *`)
- template<> `::briar::APIVersion * google::protobuf::Arena::CreateMaybeMessage<::briar::APIVersion >` (`Arena *`)
- template<> `::briar::Attribute * google::protobuf::Arena::CreateMaybeMessage<::briar::Attribute >` (`Arena *`)
- template<> `::briar::BoolOption * google::protobuf::Arena::CreateMaybeMessage<::briar::BoolOption >` (`Arena *`)
- template<> `::briar::BriarDatabase * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDatabase >` (`Arena *`)
- template<> `::briar::BriarDatabaseInfo * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDatabaseInfo >` (`Arena *`)
- template<> `::briar::BriarDuration * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDuration >` (`Arena *`)
- template<> `::briar::BriarDurations * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDurations >` (`Arena *`)

- template<> ::briar::BriarDurations_SubDurationsEntry_DoNotUse * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDurationsSubDurationsEntry>(Arena *)
- template<> ::briar::BriarDurationsList * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarDurationsList>(Arena *)
- template<> ::briar::BriarGalleryInfo * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarGalleryInfo>(Arena *)
- template<> ::briar::BriarGalleryList * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarGalleryList>(Arena *)
- template<> ::briar::BriarMatrix * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarMatrix>(Arena *)
- template<> ::briar::BriarMedia * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarMedia>(Arena *)
- template<> ::briar::BriarPoint2D * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarPoint2D>(Arena *)
- template<> ::briar::BriarProgress * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarProgress>(Arena *)
- template<> ::briar::BriarRect * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarRect>(Arena *)
- template<> ::briar::BriarTrack * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarTrack>(Arena *)
- template<> ::briar::BriarVector * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarVector>(Arena *)
- template<> ::briar::ClusterConfidence * google::protobuf::Arena::CreateMaybeMessage<::briar::ClusterConfidence>(Arena *)
- template<> ::briar::ClusterIds * google::protobuf::Arena::CreateMaybeMessage<::briar::ClusterIds>(Arena *)
- template<> ::briar::Detection * google::protobuf::Arena::CreateMaybeMessage<::briar::Detection>(Arena *)
- template<> ::briar::DetectionOptions * google::protobuf::Arena::CreateMaybeMessage<::briar::DetectionOptions>(Arena *)
- template<> ::briar::EnhanceOptions * google::protobuf::Arena::CreateMaybeMessage<::briar::EnhanceOptions>(Arena *)
- template<> ::briar::EnrollmentInfo * google::protobuf::Arena::CreateMaybeMessage<::briar::EnrollmentInfo>(Arena *)
- template<> ::briar::EnrollOptions * google::protobuf::Arena::CreateMaybeMessage<::briar::EnrollOptions>(Arena *)
- template<> ::briar::EvalConfig * google::protobuf::Arena::CreateMaybeMessage<::briar::EvalConfig>(Arena *)
- template<> ::briar::ExtractOptions * google::protobuf::Arena::CreateMaybeMessage<::briar::ExtractOptions>(Arena *)
- template<> ::briar::FloatOption * google::protobuf::Arena::CreateMaybeMessage<::briar::FloatOption>(Arena *)
- template<> ::briar::FrameMetadata * google::protobuf::Arena::CreateMaybeMessage<::briar::FrameMetadata>(Arena *)
- template<> ::briar::ImageDetectionList * google::protobuf::Arena::CreateMaybeMessage<::briar::ImageDetectionList>(Arena *)
- template<> ::briar::ImageDetectionListGroup * google::protobuf::Arena::CreateMaybeMessage<::briar::ImageDetectionListGroup>(Arena *)
- template<> ::briar::IntOption * google::protobuf::Arena::CreateMaybeMessage<::briar::IntOption>(Arena *)
- template<> ::briar::MatchInfo * google::protobuf::Arena::CreateMaybeMessage<::briar::MatchInfo>(Arena *)
- template<> ::briar::MatchList * google::protobuf::Arena::CreateMaybeMessage<::briar::MatchList>(Arena *)
- template<> ::briar::MediaMetadata * google::protobuf::Arena::CreateMaybeMessage<::briar::MediaMetadata>(Arena *)

- template<> ::briar::Record * google::protobuf::Arena::CreateMaybeMessage<::briar::Record > (Arena *)
- template<> ::briar::RecordList * google::protobuf::Arena::CreateMaybeMessage<::briar::RecordList > (Arena *)
- template<> ::briar::SearchOptions * google::protobuf::Arena::CreateMaybeMessage<::briar::SearchOptions > (Arena *)
- template<> ::briar::StringOption * google::protobuf::Arena::CreateMaybeMessage<::briar::StringOption > (Arena *)
- template<> ::briar::Template * google::protobuf::Arena::CreateMaybeMessage<::briar::Template > (Arena *)
- template<> ::briar::TemplateIds * google::protobuf::Arena::CreateMaybeMessage<::briar::TemplateIds > (Arena *)
- template<> ::briar::TemplateImageInput * google::protobuf::Arena::CreateMaybeMessage<::briar::TemplateImageInput > (Arena *)
- template<> ::briar::TemplateList * google::protobuf::Arena::CreateMaybeMessage<::briar::TemplateList > (Arena *)
- template<> ::briar::TemplateListGroup * google::protobuf::Arena::CreateMaybeMessage<::briar::TemplateListGroup > (Arena *)
- template<> ::briar::TrackingOptions * google::protobuf::Arena::CreateMaybeMessage<::briar::TrackingOptions > (Arena *)
- template<> ::briar::Tracklet * google::protobuf::Arena::CreateMaybeMessage<::briar::Tracklet > (Arena *)
- const ::google::protobuf::EnumDescriptor * briar::BatchPolicy_descriptor ()
- bool briar::BatchPolicy_IsValid (int value)
- const ::std::string & briar::BatchPolicy_Name (BatchPolicy value)
- bool briar::BatchPolicy_Parse (const ::std::string &name, BatchPolicy *value)
- const ::google::protobuf::EnumDescriptor * briar::BiometricModality_descriptor ()
- bool briar::BiometricModality_IsValid (int value)
- const ::std::string & briar::BiometricModality_Name (BiometricModality value)
- bool briar::BiometricModality_Parse (const ::std::string &name, BiometricModality *value)
- const ::google::protobuf::EnumDescriptor * briar::BriarDataType_descriptor ()
- bool briar::BriarDataType_IsValid (int value)
- const ::std::string & briar::BriarDataType_Name (BriarDataType value)
- bool briar::BriarDataType_Parse (const ::std::string &name, BriarDataType *value)
- const ::google::protobuf::EnumDescriptor * briar::BriarMedia_DataType_descriptor ()
- bool briar::BriarMedia_DataType_IsValid (int value)
- const ::std::string & briar::BriarMedia_DataType_Name (BriarMedia_DataType value)
- bool briar::BriarMedia_DataType_Parse (const ::std::string &name, BriarMedia_DataType *value)
- const ::google::protobuf::EnumDescriptor * briar::BriarServiceStatus_descriptor ()
- bool briar::BriarServiceStatus_IsValid (int value)
- const ::std::string & briar::BriarServiceStatus_Name (BriarServiceStatus value)
- bool briar::BriarServiceStatus_Parse (const ::std::string &name, BriarServiceStatus *value)
- const ::google::protobuf::EnumDescriptor * briar::DetectionPolicy_descriptor ()
- bool briar::DetectionPolicy_IsValid (int value)
- const ::std::string & briar::DetectionPolicy_Name (DetectionPolicy value)
- bool briar::DetectionPolicy_Parse (const ::std::string &name, DetectionPolicy *value)
- const ::google::protobuf::EnumDescriptor * briar::EnrollFlags_descriptor ()
- bool briar::EnrollFlags_IsValid (int value)
- const ::std::string & briar::EnrollFlags_Name (EnrollFlags value)
- bool briar::EnrollFlags_Parse (const ::std::string &name, EnrollFlags *value)
- const ::google::protobuf::EnumDescriptor * briar::EnrollmentType_descriptor ()
- bool briar::EnrollmentType_IsValid (int value)
- const ::std::string & briar::EnrollmentType_Name (EnrollmentType value)
- bool briar::EnrollmentType_Parse (const ::std::string &name, EnrollmentType *value)
- const ::google::protobuf::EnumDescriptor * briar::EntryType_descriptor ()
- bool briar::EntryType_IsValid (int value)
- const ::std::string & briar::EntryType_Name (EntryType value)

- bool `briar::EntryType_Parse` (const ::std::string &name, EntryType *value)
- const ::google::protobuf::EnumDescriptor * `briar::ExtractFlags_descriptor` ()
- bool `briar::ExtractFlags_IsValid` (int value)
- const ::std::string & `briar::ExtractFlags_Name` (ExtractFlags value)
- bool `briar::ExtractFlags_Parse` (const ::std::string &name, ExtractFlags *value)
- const ::google::protobuf::EnumDescriptor * `briar::FeatureVectorType_descriptor` ()
- bool `briar::FeatureVectorType_IsValid` (int value)
- const ::std::string & `briar::FeatureVectorType_Name` (FeatureVectorType value)
- bool `briar::FeatureVectorType_Parse` (const ::std::string &name, FeatureVectorType *value)
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::BatchPolicy >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::BiometricModality >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::BriarDataType >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::BriarMedia_DataType >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::BriarServiceStatus >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::DetectionPolicy >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::EnrollFlags >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::EnrollmentType >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::EntryType >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::ExtractFlags >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::FeatureVectorType >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::MediaType >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::SearchFlags >` ()
- template<> const EnumDescriptor * `google::protobuf::GetEnumDescriptor< ::briar::VerifyFlags >` ()
- const ::google::protobuf::EnumDescriptor * `briar::MediaType_descriptor` ()
- bool `briar::MediaType_IsValid` (int value)
- const ::std::string & `briar::MediaType_Name` (MediaType value)
- bool `briar::MediaType_Parse` (const ::std::string &name, MediaType *value)
- const ::google::protobuf::EnumDescriptor * `briar::SearchFlags_descriptor` ()
- bool `briar::SearchFlags_IsValid` (int value)
- const ::std::string & `briar::SearchFlags_Name` (SearchFlags value)
- bool `briar::SearchFlags_Parse` (const ::std::string &name, SearchFlags *value)
- const ::google::protobuf::EnumDescriptor * `briar::VerifyFlags_descriptor` ()
- bool `briar::VerifyFlags_IsValid` (int value)
- const ::std::string & `briar::VerifyFlags_Name` (VerifyFlags value)
- bool `briar::VerifyFlags_Parse` (const ::std::string &name, VerifyFlags *value)

Variables

- const int `briar::BatchPolicy_ARRAYSIZE` = BatchPolicy_MAX + 1
- const BatchPolicy `briar::BatchPolicy_MAX` = FlagAndFinish
- const BatchPolicy `briar::BatchPolicy_MIN` = AbortEarly
- const int `briar::BiometricModality_ARRAYSIZE` = BiometricModality_MAX + 1
- const BiometricModality `briar::BiometricModality_MAX` = GAIT
- const BiometricModality `briar::BiometricModality_MIN` = UNSPECIFIED
- const int `briar::BriarDataType_ARRAYSIZE` = BriarDataType_MAX + 1
- const BriarDataType `briar::BriarDataType_MAX` = JSON
- const BriarDataType `briar::BriarDataType_MIN` = EMPTY
- const int `briar::BriarMedia_DataType_DataType_ARRAYSIZE` = BriarMedia_DataType_DataType_MAX + 1
- const BriarMedia_DataType `briar::BriarMedia_DataType_DataType_MAX` = BriarMedia_DataType_SOURCE_ONLY
- const BriarMedia_DataType `briar::BriarMedia_DataType_DataType_MIN` = BriarMedia_DataType_UINT8
- const int `briar::BriarServiceStatus_ARRAYSIZE` = BriarServiceStatus_MAX + 1
- const BriarServiceStatus `briar::BriarServiceStatus_MAX` = BUSY

- const BriarServiceStatus briar::BriarServiceStatus_MIN = UNKNOWN
- const int briar::DetectionPolicy_ARRAYSIZE = DetectionPolicy_MAX + 1
- const DetectionPolicy briar::DetectionPolicy_MAX = DetectBest
- const DetectionPolicy briar::DetectionPolicy_MIN = DetectAll
- const int briar::EnrollFlags_ARRAYSIZE = EnrollFlags_MAX + 1
- const EnrollFlags briar::EnrollFlags_MAX = ENROLL_PROVIDED_TEMPLATE
- const EnrollFlags briar::EnrollFlags_MIN = ENROLL_FULL_IMAGE
- const int briar::EnrollmentType_ARRAYSIZE = EnrollmentType_MAX + 1
- const EnrollmentType briar::EnrollmentType_MAX = Cluster
- const EnrollmentType briar::EnrollmentType_MIN = _11Reference
- const int briar::EntryType_ARRAYSIZE = EntryType_MAX + 1
- const EntryType briar::EntryType_MAX = ENTRY_TYPE_MEDIA
- const EntryType briar::EntryType_MIN = ENTRY_TYPE_UNKNOWN
- const int briar::ExtractFlags_ARRAYSIZE = ExtractFlags_MAX + 1
- const ExtractFlags briar::ExtractFlags_MAX = EXTRACT_PROVIDED_DETECTION
- const ExtractFlags briar::ExtractFlags_MIN = EXTRACT_FULL_IMAGE
- const int briar::FeatureVectorType_ARRAYSIZE = FeatureVectorType_MAX + 1
- const FeatureVectorType briar::FeatureVectorType_MAX = BriarDouble
- const FeatureVectorType briar::FeatureVectorType_MIN = BriarInt8
- const int briar::MediaType_ARRAYSIZE = MediaType_MAX + 1
- const MediaType briar::MediaType_MAX = MEDIA_VIDEO
- const MediaType briar::MediaType_MIN = MEDIA_IMAGE
- const int briar::SearchFlags_ARRAYSIZE = SearchFlags_MAX + 1
- const SearchFlags briar::SearchFlags_MAX = SEARCH_PROVIDED_TEMPLATES
- const SearchFlags briar::SearchFlags_MIN = SEARCH_FULL_IMAGE
- const int briar::VerifyFlags_ARRAYSIZE = VerifyFlags_MAX + 1
- const VerifyFlags briar::VerifyFlags_MAX = VERIFY_PROVIDED_TEMPLATES
- const VerifyFlags briar::VerifyFlags_MIN = VERIFY_FULL_IMAGE

8.2.1 Macro Definition Documentation

8.2.1.1 PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto

```
#define PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto
```

8.3 /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_error.pb.cc File Reference

```
#include "briar/briar_grpc/briar_error.pb.h"
#include <algorithm>
#include <google/protobuf/stubs/common.h>
#include <google/protobuf/stubs/port.h>
#include <google/protobuf/io/coded_stream.h>
#include <google/protobuf/wire_format_lite_inl.h>
#include <google/protobuf/descriptor.h>
#include <google/protobuf/generated_message_reflection.h>
```

```
#include <google/protobuf/reflection_ops.h>
#include <google/protobuf/wire_format.h>
Include dependency graph for briar_error.pb.cc:
```



Classes

- class `briar::BriarErrorMessageDefaultTypeInternal`
 - class `briar::BriarErrorsDefaultTypeInternal`
 - struct `protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2aproto::StaticDescriptorInitializer`

Namespaces

- briar
 - google
 - google::protobuf
 - protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2aproto

Macros

- `#define DO_(EXPRESSION) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure;`
 - `#define DO_(EXPRESSION) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure;`

Functions

- void [protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::AddDescriptors](#) ()
 - void [protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::AddDescriptorsImpl](#) ()
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::[briar::BriarErrorMessage](#) * [google::protobuf::Arena::CreateMessage](#)(Arena *arena)
 - template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::[briar::BriarErrors](#) * [google::protobuf::Arena::CreateMaybeMessage](#)(Arena *arena)
 - const ::[google::protobuf::EnumDescriptor](#) * [briar::BriarError_descriptor](#) ()
 - bool [briar::BriarError_IsValid](#) (int value)
 - const ::[google::protobuf::uint32](#) TableStruct::offsets[] [protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::GOOGLE_PROTOBUF_DESCRIPTOR_POOL_IMPLEMENTATIONS](#)(protodesc_cold)
 - void [protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::InitDefaults](#) ()
 - void [protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::protobuf_AssignDescriptors](#) ()
 - void [protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::protobuf_AssignDescriptorsOnce](#) ()
 - void [protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::protobuf_RegisterTypes](#) (const ::[std::string](#) &) GOOGLE_PROTOBUF_ATTRIBUTE_COLD

Variables

- class briar::BriarErrorMessageDefaultTypeInternal briar::_BriarErrorMessage_default_instance_
- class briar::BriarErrorsDefaultTypeInternal briar::_BriarErrors_default_instance_
- const ::google::protobuf::EnumDescriptor * protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::file_level_enum_descriptors [1]
- ::google::protobuf::Metadata protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::file_level_metadata [2]
- ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrorMessage
- ::google::protobuf::internal::SCCInfo< 0 > protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::scc_info_BriarErrors
- struct protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::StaticDescriptorInitializer protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::StaticDescriptorInitializer

8.3.1 Macro Definition Documentation

8.3.1.1 DO_ [1/2]

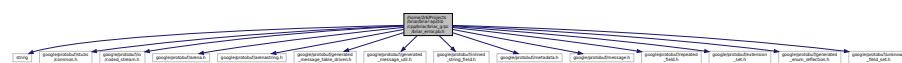
```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.3.1.2 DO_ [2/2]

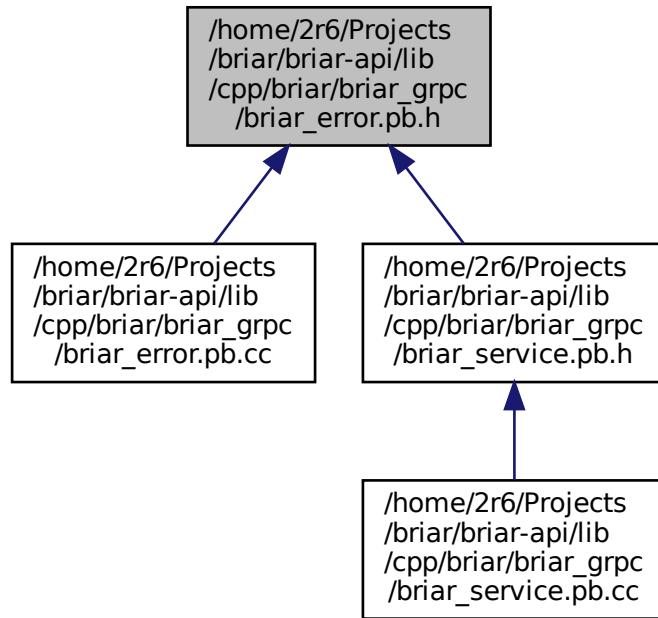
```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.4 /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_error.pb.h File Reference

```
#include <string>  
#include <google/protobuf/stubs/common.h>  
#include <google/protobuf/io/coded_stream.h>  
#include <google/protobuf/arena.h>  
#include <google/protobuf/arenastring.h>  
#include <google/protobuf/generated_message_table_driven.h>  
#include <google/protobuf/generated_message_util.h>  
#include <google/protobuf/inlined_string_field.h>  
#include <google/protobuf/metadata.h>  
#include <google/protobuf/message.h>  
#include <google/protobuf/repeated_field.h>  
#include <google/protobuf/extension_set.h>  
#include <google/protobuf/generated_enum_reflection.h>  
#include <google/protobuf/unknown_field_set.h>  
Include dependency graph for briar_error.pb.h:
```



This graph shows which files directly or indirectly include this file:



Classes

- class [briar::BriarErrorMessage](#)
- class [briar::BriarErrors](#)
- struct [google::protobuf::is_proto_enum< ::briar::BriarError >](#)
- struct [protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::TableStruct](#)

Namespaces

- [briar](#)
- [google](#)
- [google::protobuf](#)
- [protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto](#)

Macros

- `#define PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto`

Enumerations

- enum briar::BriarError {
 briar::BRIAR_SUCCESS = 0, briar::BRIAR_UNKNOWN_ERROR = 1, briar::BRIAR_INTERNAL_ERROR = 2, briar::BRIAR_OUT_OF_MEMORY = 3, briar::BRIAR_INVALID_SDK_PATH = 4, briar::BRIAR_BAD_SDK_CONFIG = 5, briar::BRIAR_BAD_LICENSE = 6, briar::BRIAR_MISSING_DATA = 7, briar::BRIAR_INVALID_GPU = 8, briar::BRIAR_BAD_ARGUMENT = 9, briar::BRIAR_OPEN_ERROR = 10, briar::BRIAR_READ_ERROR = 11, briar::BRIAR_WRITE_ERROR = 12, briar::BRIAR_PARSE_ERROR = 13, briar::BRIAR_INVALID_MEDIA = 14, briar::BRIAR_OUT_OF_BOUNDS_ACCESS = 15, briar::BRIAR_MEDIA_AT_END = 16, briar::BRIAR_INVALID_ATTRIBUTE_KEY = 17, briar::BRIAR_MISSING_ATTRIBUTE = 18, briar::BRIAR_DUPLICATE_ID = 19, briar::BRIAR_MISSING_ID = 20, briar::BRIAR_MISSING_FILE_NAME = 21, briar::BRIAR_INCORRECT_ROLE = 22, briar::BRIAR_FAILURE_TO_SERIALIZE = 23, briar::BRIAR_FAILURE_TO_DESERIALIZE = 24, briar::BRIAR_BATCH_ABORTED_EARLY = 25, briar::BRIAR_BATCH_FINISHED_WITH_ERRORS = 26, briar::BRIAR_CALLBACK_EXIT_IMMEDIATELY = 27, briar::BRIAR_NOT_IMPLEMENTED = 28, briar::BRIAR_NUM_ERRORS = 29, briar::BriarError_INT_MIN_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32min, briar::BriarError_INT_MAX_SENTINEL_DO_NOT_USE_ = ::google::protobuf::kint32max }

Functions

- void protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto::AddDescriptors ()
- template<> ::briar::BriarErrorMessage * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarErrorMessage > (Arena *)
- template<> ::briar::BriarErrors * google::protobuf::Arena::CreateMaybeMessage<::briar::BriarErrors > (Arena *)
- const ::google::protobuf::EnumDescriptor * briar::BriarError_descriptor ()
- bool briar::BriarError_IsValid (int value)
- const ::std::string & briar::BriarError_Name (BriarError value)
- bool briar::BriarError_Parse (const ::std::string &name, BriarError *value)
- template<> const EnumDescriptor * google::protobuf::GetEnumDescriptor< ::briar::BriarError > ()

Variables

- const int briar::BriarError_ARRAYSIZE = BriarError_MAX + 1
- const BriarError briar::BriarError_MAX = BRIAR_NUM_ERRORS
- const BriarError briar::BriarError_MIN = BRIAR_SUCCESS

8.4.1 Macro Definition Documentation

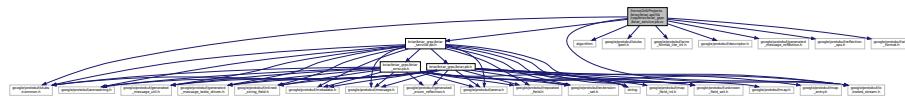
8.4.1.1 PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto

```
#define PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto
```

8.5 /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.cc File Reference

```
#include "briar/briar_grpc/briar_service.pb.h"
#include <algorithm>
#include <google/protobuf/stubs/common.h>
#include <google/protobuf/stubs/port.h>
#include <google/protobuf/io/coded_stream.h>
#include <google/protobuf/wire_format_lite_inl.h>
#include <google/protobuf/descriptor.h>
#include <google/protobuf/generated_message_reflection.h>
#include <google/protobuf/reflection_ops.h>
#include <google/protobuf/wire_format.h>
```

Include dependency graph for briar_service.pb.cc:



Classes

- class briar::ClusterReplyDefaultTypeInternal
- class briar::ClusterRequestDefaultTypeInternal
- class briar::DatabaseCreateReplyDefaultTypeInternal
- class briar::DatabaseCreateRequestDefaultTypeInternal
- class briar::DatabaseDeleteReplyDefaultTypeInternal
- class briar::DatabaseDeleteRequestDefaultTypeInternal
- class briar::DatabaseFinalizeReplyDefaultTypeInternal
- class briar::DatabaseFinalizeRequestDefaultTypeInternal
- class briar::DatabaseInfoReplyDefaultTypeInternal
- class briar::DatabaseInfoRequestDefaultTypeInternal
- class briar::DatabaseInsertReplyDefaultTypeInternal
- class briar::DatabaseInsertRequestDefaultTypeInternal
- class briar::DatabaseListEntriesReplyDefaultTypeInternal
- class briar::DatabaseListEntriesRequestDefaultTypeInternal
- class briar::DatabaseListReplyDefaultTypeInternal
- class briar::DatabaseListRequestDefaultTypeInternal
- class briar::DatabaseLoadReplyDefaultTypeInternal
- class briar::DatabaseLoadRequestDefaultTypeInternal
- class briar::DatabaseMergeReplyDefaultTypeInternal
- class briar::DatabaseMergeRequestDefaultTypeInternal
- class briar::DatabaseRemoveTmplsReplyDefaultTypeInternal
- class briar::DatabaseRemoveTmplsRequestDefaultTypeInternal
- class briar::DatabaseRenameReplyDefaultTypeInternal
- class briar::DatabaseRenameRequestDefaultTypeInternal
- class briar::DatabaseRetrieveReplyDefaultTypeInternal
- class briar::DatabaseRetrieveRequestDefaultTypeInternal
- class briar::DetectReplyDefaultTypeInternal
- class briar::DetectRequestDefaultTypeInternal
- class briar::EmptyDefaultTypeInternal

- class briar::EnhanceReplyDefaultTypeInternal
 - class briar::EnhanceRequestDefaultTypeInternal
 - class briar::EnrollReplyDefaultTypeInternal
 - class briar::EnrollRequestDefaultTypeInternal
 - class briar::ExtractReplyDefaultTypeInternal
 - class briar::ExtractRequestDefaultTypeInternal
 - class briar::SearchReplyDefaultTypeInternal
 - class briar::SearchRequestDefaultTypeInternal
 - struct protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::StaticDescriptorInitializer
 - class briar::StatusReplyDefaultTypeInternal
 - class briar::StatusRequestDefaultTypeInternal
 - class briar::TrackReplyDefaultTypeInternal
 - class briar::TrackRequestDefaultTypeInternal
 - class briar::VerifyReplyDefaultTypeInternal
 - class briar::VerifyRequestDefaultTypeInternal

Namespaces

- briar
 - google
 - google::protobuf
 - protobuf_briar_2fbriar_5fgrpc_2fbriar_2eproto
 - protobuf_briar_2fbriar_5fgrpc_2fbriar_5ferror_2eproto
 - protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto

Macros

- #define DO_(EXPRESSION) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure

Functions

- void protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::AddDescriptors ()
- void protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::AddDescriptorsImpl ()
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterReply * google::protobuf::Arena::CreateMaybeMessage< ::briar::ClusterReply> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ClusterRequest * google::protobuf::Arena::CreateMaybeMessage< ::briar::ClusterRequest> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseCreateReply * google::protobuf::Arena::CreateMaybeMessage< ::briar::DatabaseCreateReply> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseCreateRequest * google::protobuf::Arena::CreateMaybeMessage< ::briar::DatabaseCreateRequest> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseDeleteReply * google::protobuf::Arena::CreateMaybeMessage< ::briar::DatabaseDeleteReply> (Arena *arena)
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- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInfoReply * google::protobuf::Arena::CreateMaybeMessage< ::briar::DatabaseInfoReply> (Arena *arena)
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- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInsertReply * google::protobuf::Arena::CreateMaybeMessage< ::briar::DatabaseInsertReply> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseInsertRequest * google::protobuf::Arena::CreateMaybeMessage< ::briar::DatabaseInsertRequest> (Arena *arena)
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseListEntriesReply * google::protobuf::Arena::CreateMaybeMessage< ::briar::DatabaseListEntriesReply> (Arena *arena)
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- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseListRequest * google::protobuf::Arena::CreateMaybeMessage< ::briar::DatabaseListRequest> (Arena *arena)

- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseLoadReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseLoadRequest * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseMergeReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseMergeRequest * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRemoveTmplsReply * google::protobuf::Arena::CreateMessage<CreateMaybeMessage<DatabaseRemoveTmplsReply> <Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRemoveTmplsRequest * google::protobuf::Arena::CreateMessage<CreateMaybeMessage<DatabaseRemoveTmplsRequest> <Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRenameReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRenameRequest * google::protobuf::Arena::CreateMessage<CreateMaybeMessage<DatabaseRenameRequest> <Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRetrieveReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DatabaseRetrieveRequest * google::protobuf::Arena::CreateMessage<CreateMaybeMessage<DatabaseRetrieveRequest> <Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DetectReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::DetectRequest * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::Empty * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnhanceReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnhanceRequest * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::EnrollRequest * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ExtractReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::ExtractRequest * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::SearchReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::SearchRequest * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::StatusReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::StatusRequest * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TrackReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::TrackRequest * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::VerifyReply * google::protobuf::Arena::CreateMessage<Arena *arena>
- template<> GOOGLE_PROTOBUF_ATTRIBUTE_NOINLINE ::briar::VerifyRequest * google::protobuf::Arena::CreateMessage<Arena *arena>
- const ::google::protobuf::uint32 TableStruct::offsets[] protobuf_briar_2fbriar_5fgrpc_2fbriar_5bservice_2eproto::GOOGLE_PROTOBUF_TABLE_OFFSETS(protodesc_cold)

- void `protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::InitDefaults ()`
- void `protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::protobuf_AssignDescriptors ()`
- void `protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::protobuf_AssignDescriptorsOnce ()`
- void `protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::protobuf_RegisterTypes (const ::std::string & GOOGLE_PROTOBUF_ATTRIBUTE_COLD`

Variables

- class `briar::ClusterReplyDefaultTypeInternal briar::_ClusterReply_default_instance_`
- class `briar::ClusterRequestDefaultTypeInternal briar::_ClusterRequest_default_instance_`
- class `briar::DatabaseCreateReplyDefaultTypeInternal briar::_DatabaseCreateReply_default_instance_`
- class `briar::DatabaseCreateRequestDefaultTypeInternal briar::_DatabaseCreateRequest_default_instance_`
- class `briar::DatabaseDeleteReplyDefaultTypeInternal briar::_DatabaseDeleteReply_default_instance_`
- class `briar::DatabaseDeleteRequestDefaultTypeInternal briar::_DatabaseDeleteRequest_default_instance_`
- class `briar::DatabaseFinalizeReplyDefaultTypeInternal briar::_DatabaseFinalizeReply_default_instance_`
- class `briar::DatabaseFinalizeRequestDefaultTypeInternal briar::_DatabaseFinalizeRequest_default_instance_`
- class `briar::DatabaseInfoReplyDefaultTypeInternal briar::_DatabaseInfoReply_default_instance_`
- class `briar::DatabaseInfoRequestDefaultTypeInternal briar::_DatabaseInfoRequest_default_instance_`
- class `briar::DatabaseInsertReplyDefaultTypeInternal briar::_DatabaseInsertReply_default_instance_`
- class `briar::DatabaseInsertRequestDefaultTypeInternal briar::_DatabaseInsertRequest_default_instance_`
- class `briar::DatabaseListEntriesReplyDefaultTypeInternal briar::_DatabaseListEntriesReply_default_instance_`
- class `briar::DatabaseListEntriesRequestDefaultTypeInternal briar::_DatabaseListEntriesRequest_default_instance_`
- class `briar::DatabaseListReplyDefaultTypeInternal briar::_DatabaseListReply_default_instance_`
- class `briar::DatabaseListRequestDefaultTypeInternal briar::_DatabaseListRequest_default_instance_`
- class `briar::DatabaseLoadReplyDefaultTypeInternal briar::_DatabaseLoadReply_default_instance_`
- class `briar::DatabaseLoadRequestDefaultTypeInternal briar::_DatabaseLoadRequest_default_instance_`
- class `briar::DatabaseMergeReplyDefaultTypeInternal briar::_DatabaseMergeReply_default_instance_`
- class `briar::DatabaseMergeRequestDefaultTypeInternal briar::_DatabaseMergeRequest_default_instance_`
- class `briar::DatabaseRemoveTmplsReplyDefaultTypeInternal briar::_DatabaseRemoveTmplsReply_default_instance_`
- class `briar::DatabaseRemoveTmplsRequestDefaultTypeInternal briar::_DatabaseRemoveTmplsRequest_default_instance_`
- class `briar::DatabaseRenameReplyDefaultTypeInternal briar::_DatabaseRenameReply_default_instance_`
- class `briar::DatabaseRenameRequestDefaultTypeInternal briar::_DatabaseRenameRequest_default_instance_`
- class `briar::DatabaseRetrieveReplyDefaultTypeInternal briar::_DatabaseRetrieveReply_default_instance_`
- class `briar::DatabaseRetrieveRequestDefaultTypeInternal briar::_DatabaseRetrieveRequest_default_instance_`
- class `briar::DetectReplyDefaultTypeInternal briar::_DetectReply_default_instance_`
- class `briar::DetectRequestDefaultTypeInternal briar::_DetectRequest_default_instance_`
- class `briar::EmptyDefaultTypeInternal briar::_Empty_default_instance_`
- class `briar::EnhanceReplyDefaultTypeInternal briar::_EnhanceReply_default_instance_`
- class `briar::EnhanceRequestDefaultTypeInternal briar::_EnhanceRequest_default_instance_`
- class `briar::EnrollReplyDefaultTypeInternal briar::_EnrollReply_default_instance_`
- class `briar::EnrollRequestDefaultTypeInternal briar::_EnrollRequest_default_instance_`
- class `briar::ExtractReplyDefaultTypeInternal briar::_ExtractReply_default_instance_`
- class `briar::ExtractRequestDefaultTypeInternal briar::_ExtractRequest_default_instance_`
- class `briar::SearchReplyDefaultTypeInternal briar::_SearchReply_default_instance_`
- class `briar::SearchRequestDefaultTypeInternal briar::_SearchRequest_default_instance_`
- class `briar::StatusReplyDefaultTypeInternal briar::_StatusReply_default_instance_`
- class `briar::StatusRequestDefaultTypeInternal briar::_StatusRequest_default_instance_`
- class `briar::TrackReplyDefaultTypeInternal briar::_TrackReply_default_instance_`
- class `briar::TrackRequestDefaultTypeInternal briar::_TrackRequest_default_instance_`
- class `briar::VerifyReplyDefaultTypeInternal briar::_VerifyReply_default_instance_`
- class `briar::VerifyRequestDefaultTypeInternal briar::_VerifyRequest_default_instance_`
- ::google::protobuf::Metadata `protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::file_level_metadata [43]`
- ::google::protobuf::internal::SCCInfo<5> `protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::scc_info_ClusterReply`

8.5.1 Macro Definition Documentation

8.5.1.1 DO_ [1/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.2 DO_ [2/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.3 DO_ [3/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.4 DO_ [4/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.5 DO_ [5/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.6 DO_ [6/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.7 DO_ [7/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.8 DO_ [8/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.9 DO_ [9/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.10 DO_ [10/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.11 DO_ [11/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.12 DO_ [12/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.13 DO_ [13/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.14 DO_ [14/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.15 DO_ [15/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.16 DO_ [16/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.17 DO_ [17/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.18 DO_ [18/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.19 DO_ [19/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.20 DO_ [20/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.21 DO_ [21/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.22 DO_ [22/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.23 DO_ [23/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.24 DO_ [24/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.25 DO_ [25/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.26 DO_ [26/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.27 DO_ [27/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.28 DO_ [28/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.29 DO_ [29/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.30 DO_ [30/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.31 DO_ [31/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.32 DO_ [32/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.33 DO_ [33/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.34 DO_ [34/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.35 DO_ [35/43]

```
#define DO_(  
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.36 DO_ [36/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.37 DO_ [37/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.38 DO_ [38/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.39 DO_ [39/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.40 DO_ [40/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.41 DO_ [41/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

8.5.1.42 DO_ [42/43]

```
#define DO_(
    EXPRESSION ) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

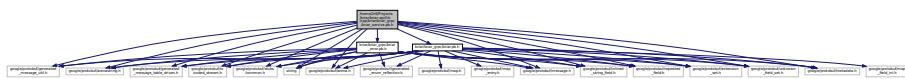
8.5.1.43 DO_ [43/43]

```
#define DO_(EXPRESSION) if (!GOOGLE_PREDICT_TRUE(EXPRESSION)) goto failure
```

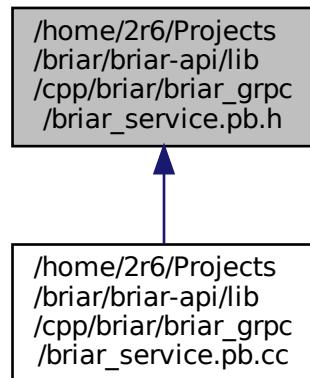
8.6 /home/2r6/Projects/briar/briar-api/lib/cpp/briar/briar_grpc/briar_service.pb.h File Reference

```
#include <string>
#include <google/protobuf/stubs/common.h>
#include <google/protobuf/io/coded_stream.h>
#include <google/protobuf/arena.h>
#include <google/protobuf/arenastring.h>
#include <google/protobuf/generated_message_table_driven.h>
#include <google/protobuf/generated_message_util.h>
#include <google/protobuf/inlined_string_field.h>
#include <google/protobuf/metadata.h>
#include <google/protobuf/message.h>
#include <google/protobuf/repeated_field.h>
#include <google/protobuf/extension_set.h>
#include <google/protobuf/unknown_field_set.h>
#include "briar/briar_grpc/briar_error.pb.h"
#include "briar/briar_grpc/briar.pb.h"
```

Include dependency graph for briar_service.pb.h:



This graph shows which files directly or indirectly include this file:



Classes

- class briar::ClusterReply
- class briar::ClusterRequest
- class briar::DatabaseCreateReply
- class briar::DatabaseCreateRequest
- class briar::DatabaseDeleteReply
- class briar::DatabaseDeleteRequest
- class briar::DatabaseFinalizeReply
- class briar::DatabaseFinalizeRequest
- class briar::DatabaseInfoReply
- class briar::DatabaseInfoRequest
- class briar::DatabaseInsertReply
- class briar::DatabaseInsertRequest
- class briar::DatabaseListEntriesReply
- class briar::DatabaseListEntriesRequest
- class briar::DatabaseListReply
- class briar::DatabaseListRequest
- class briar::DatabaseLoadReply
- class briar::DatabaseLoadRequest
- class briar::DatabaseMergeReply
- class briar::DatabaseMergeRequest
- class briar::DatabaseRemoveTmplsReply
- class briar::DatabaseRemoveTmplsRequest
- class briar::DatabaseRenameReply
- class briar::DatabaseRenameRequest
- class briar::DatabaseRetrieveReply
- class briar::DatabaseRetrieveRequest
- class briar::DetectReply
- class briar::DetectRequest
- class briar::Empty
- class briar::EnhanceReply
- class briar::EnhanceRequest
- class briar::EnrollReply
- class briar::EnrollRequest
- class briar::ExtractReply
- class briar::ExtractRequest
- class briar::SearchReply
- class briar::SearchRequest
- class briar::StatusReply
- class briar::StatusRequest
- struct protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::TableStruct
- class briar::TrackReply
- class briar::TrackRequest
- class briar::VerifyReply
- class briar::VerifyRequest

Namespaces

- briar
- google
- google::protobuf
- protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto

Macros

- `#define PROTOBUF_INTERNAL_EXPORT protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto`

Functions

- `void protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto::AddDescriptors ()`
- `template<> ::briar::ClusterReply * google::protobuf::Arena::CreateMaybeMessage<::briar::ClusterReply > (Arena *)`
- `template<> ::briar::ClusterRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::ClusterRequest > (Arena *)`
- `template<> ::briar::DatabaseCreateReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseCreateReply > (Arena *)`
- `template<> ::briar::DatabaseCreateRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseCreateRequest > (Arena *)`
- `template<> ::briar::DatabaseDeleteReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseDeleteReply > (Arena *)`
- `template<> ::briar::DatabaseDeleteRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseDeleteRequest > (Arena *)`
- `template<> ::briar::DatabaseFinalizeReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseFinalizeReply > (Arena *)`
- `template<> ::briar::DatabaseFinalizeRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseFinalizeRequest > (Arena *)`
- `template<> ::briar::DatabaseInfoReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseInfoReply > (Arena *)`
- `template<> ::briar::DatabaseInfoRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseInfoRequest > (Arena *)`
- `template<> ::briar::DatabaseInsertReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseInsertReply > (Arena *)`
- `template<> ::briar::DatabaseInsertRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseInsertRequest > (Arena *)`
- `template<> ::briar::DatabaseListentriesReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseListentriesReply > (Arena *)`
- `template<> ::briar::DatabaseListEntriesRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseListEntriesRequest > (Arena *)`
- `template<> ::briar::DatabaseListReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseListReply > (Arena *)`
- `template<> ::briar::DatabaseListRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseListRequest > (Arena *)`
- `template<> ::briar::DatabaseLoadReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseLoadReply > (Arena *)`
- `template<> ::briar::DatabaseLoadRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseLoadRequest > (Arena *)`
- `template<> ::briar::DatabaseMergeReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseMergeReply > (Arena *)`
- `template<> ::briar::DatabaseMergeRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseMergeRequest > (Arena *)`
- `template<> ::briar::DatabaseRemoveTmplsReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRemoveTmplsReply > (Arena *)`
- `template<> ::briar::DatabaseRemoveTmplsRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRemoveTmplsRequest > (Arena *)`
- `template<> ::briar::DatabaseRenameReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRenameReply > (Arena *)`
- `template<> ::briar::DatabaseRenameRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRenameRequest > (Arena *)`

- template<> ::briar::DatabaseRetrieveReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRetrieveReply> (Arena *)
- template<> ::briar::DatabaseRetrieveRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DatabaseRetrieveRequest> (Arena *)
- template<> ::briar::DetectReply * google::protobuf::Arena::CreateMaybeMessage<::briar::DetectReply> (Arena *)
- template<> ::briar::DetectRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::DetectRequest> (Arena *)
- template<> ::briar::Empty * google::protobuf::Arena::CreateMaybeMessage<::briar::Empty> (Arena *)
- template<> ::briar::EnhanceReply * google::protobuf::Arena::CreateMaybeMessage<::briar::EnhanceReply> (Arena *)
- template<> ::briar::EnhanceRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::EnhanceRequest> (Arena *)
- template<> ::briar::EnrollReply * google::protobuf::Arena::CreateMaybeMessage<::briar::EnrollReply> (Arena *)
- template<> ::briar::EnrollRequest * google::protobuf::Arena::CreateMaybeMessage<::briar::EnrollRequest> (Arena *)
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8.6.1 Macro Definition Documentation

8.6.1.1 PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto

```
#define PROTOBUF_INTERNAL_EXPORT_protobuf_briar_2fbriar_5fgrpc_2fbriar_5fservice_2eproto
```

8.7 stubs_readme.md File Reference

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