

BRIAR API Python Stubs

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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 Packages

Here are the packages with brief descriptions (if available):

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briar.briar_grpc.briar_error_pb2	11
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Chapter 3

Hierarchical Index

3.1 Class Hierarchy

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

object	
briar.briar_grpc.briar_service_pb2_grpc.BRIARService	55
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer	64
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub	72

Chapter 4

Class Index

4.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

briar.briar_grpc.briar_service_pb2_grpc.BRIARService	55
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer	64
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub	72

Chapter 5

File Index

5.1 File List

Here is a list of all files with brief descriptions:

/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/___init___py	77
/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_error_pb2.py	77
/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_error_pb2_grpc.py	78
/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_pb2.py	78
/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_pb2_grpc.py	81
/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_service_pb2.py	81
/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_service_pb2_grpc.py	82

Chapter 6

Namespace Documentation

6.1 briar Namespace Reference

Namespaces

- [briar_grpc](#)

6.2 briar.briar_grpc Namespace Reference

Namespaces

- [briar_error_pb2](#)
- [briar_error_pb2_grpc](#)
- [briar_pb2](#)
- [briar_pb2_grpc](#)
- [briar_service_pb2](#)
- [briar_service_pb2_grpc](#)

6.2.1 Detailed Description

This package, [briar_grpc](#), contains the compiled protobuf files which are modules which define the messages and service which create the API and allow the service to interact with the [briar_client](#)/Evaluation Harness.

6.3 briar.briar_grpc.briar_error_pb2 Namespace Reference

Variables

- int [BRIAR_BAD_ARGUMENT](#) = 9
- int [BRIAR_BAD_LICENSE](#) = 6
- int [BRIAR_BAD_SDK_CONFIG](#) = 5
- int [BRIAR_BATCH_ABORTED_EARLY](#) = 25
- int [BRIAR_BATCH_FINISHED_WITH_ERRORS](#) = 26

- `int BRIAR_CALLBACK_EXIT_IMMEDIATELY = 27`
- `int BRIAR_DUPLICATE_ID = 19`
- `int BRIAR_FAILURE_TO_DESERIALIZE = 24`
- `int BRIAR_FAILURE_TO_SERIALIZE = 23`
- `int BRIAR_INCORRECT_ROLE = 22`
- `int BRIAR_INTERNAL_ERROR = 2`
- `int BRIAR_INVALID_ATTRIBUTE_KEY = 17`
- `int BRIAR_INVALID_GPU = 8`
- `int BRIAR_INVALID_MEDIA = 14`
- `int BRIAR_INVALID_SDK_PATH = 4`
- `int BRIAR_MEDIA_AT_END = 16`
- `int BRIAR_MISSING_ATTRIBUTE = 18`
- `int BRIAR_MISSING_DATA = 7`
- `int BRIAR_MISSING_FILE_NAME = 21`
- `int BRIAR_MISSING_ID = 20`
- `int BRIAR_NOT_IMPLEMENTED = 28`
- `int BRIAR_NUM_ERRORS = 29`
- `int BRIAR_OPEN_ERROR = 10`
- `int BRIAR_OUT_OF_BOUNDS_ACCESS = 15`
- `int BRIAR_OUT_OF_MEMORY = 3`
- `int BRIAR_PARSE_ERROR = 13`
- `int BRIAR_READ_ERROR = 11`
- `int BRIAR_SUCCESS = 0`
- `int BRIAR_UNKNOWN_ERROR = 1`
- `int BRIAR_WRITE_ERROR = 12`
- `BriarError = enum_type_wrapper.EnumTypeWrapper(_BRIARERROR)`
- `BriarErrorMessage`
- `BriarErrors`
- `DESCRIPTOR`
- `enum_type`

6.3.1 Variable Documentation

6.3.1.1 BRIAR_BAD_ARGUMENT

```
int briar.briar_grpc.briar_error_pb2.BRIAR_BAD_ARGUMENT = 9
```

6.3.1.2 BRIAR_BAD_LICENSE

```
int briar.briar_grpc.briar_error_pb2.BRIAR_BAD_LICENSE = 6
```

6.3.1.3 BRIAR_BAD_SDK_CONFIG

```
int briar.briar_grpc.briar_error_pb2.BRIAR_BAD_SDK_CONFIG = 5
```

6.3.1.4 BRIAR_BATCH_ABORTED_EARLY

```
int briar.briar_grpc.briar_error_pb2.BRIAR_BATCH_ABORTED_EARLY = 25
```

6.3.1.5 BRIAR_BATCH_FINISHED_WITH_ERRORS

```
int briar.briar_grpc.briar_error_pb2.BRIAR_BATCH_FINISHED_WITH_ERRORS = 26
```

6.3.1.6 BRIAR_CALLBACK_EXIT_IMMEDIATELY

```
int briar.briar_grpc.briar_error_pb2.BRIAR_CALLBACK_EXIT_IMMEDIATELY = 27
```

6.3.1.7 BRIAR_DUPLICATE_ID

```
int briar.briar_grpc.briar_error_pb2.BRIAR_DUPLICATE_ID = 19
```

6.3.1.8 BRIAR_FAILURE_TO_DESERIALIZE

```
int briar.briar_grpc.briar_error_pb2.BRIAR_FAILURE_TO_DESERIALIZE = 24
```

6.3.1.9 BRIAR_FAILURE_TO_SERIALIZE

```
int briar.briar_grpc.briar_error_pb2.BRIAR_FAILURE_TO_SERIALIZE = 23
```

6.3.1.10 BRIAR_INCORRECT_ROLE

```
int briar.briar_grpc.briar_error_pb2.BRIAR_INCORRECT_ROLE = 22
```

6.3.1.11 BRIAR_INTERNAL_ERROR

```
int briar.briar_grpc.briar_error_pb2.BRIAR_INTERNAL_ERROR = 2
```

6.3.1.12 BRIAR_INVALID_ATTRIBUTE_KEY

```
int briar.briar_grpc.briar_error_pb2.BRIAR_INVALID_ATTRIBUTE_KEY = 17
```

6.3.1.13 BRIAR_INVALID_GPU

```
int briar.briar_grpc.briar_error_pb2.BRIAR_INVALID_GPU = 8
```

6.3.1.14 BRIAR_INVALID_MEDIA

```
int briar.briar_grpc.briar_error_pb2.BRIAR_INVALID_MEDIA = 14
```

6.3.1.15 BRIAR_INVALID_SDK_PATH

```
int briar.briar_grpc.briar_error_pb2.BRIAR_INVALID_SDK_PATH = 4
```

6.3.1.16 BRIAR_MEDIA_AT_END

```
int briar.briar_grpc.briar_error_pb2.BRIAR_MEDIA_AT_END = 16
```

6.3.1.17 BRIAR_MISSING_ATTRIBUTE

```
int briar.briar_grpc.briar_error_pb2.BRIAR_MISSING_ATTRIBUTE = 18
```

6.3.1.18 BRIAR_MISSING_DATA

```
int briar.briar_grpc.briar_error_pb2.BRIAR_MISSING_DATA = 7
```


6.3.1.19 BRIAR_MISSING_FILE_NAME

```
int briar.briar_grpc.briar_error_pb2.BRIAR_MISSING_FILE_NAME = 21
```

6.3.1.20 BRIAR_MISSING_ID

```
int briar.briar_grpc.briar_error_pb2.BRIAR_MISSING_ID = 20
```

6.3.1.21 BRIAR_NOT_IMPLEMENTED

```
int briar.briar_grpc.briar_error_pb2.BRIAR_NOT_IMPLEMENTED = 28
```

6.3.1.22 BRIAR_NUM_ERRORS

```
int briar.briar_grpc.briar_error_pb2.BRIAR_NUM_ERRORS = 29
```

6.3.1.23 BRIAR_OPEN_ERROR

```
int briar.briar_grpc.briar_error_pb2.BRIAR_OPEN_ERROR = 10
```

6.3.1.24 BRIAR_OUT_OF_BOUNDS_ACCESS

```
int briar.briar_grpc.briar_error_pb2.BRIAR_OUT_OF_BOUNDS_ACCESS = 15
```

6.3.1.25 BRIAR_OUT_OF_MEMORY

```
int briar.briar_grpc.briar_error_pb2.BRIAR_OUT_OF_MEMORY = 3
```

6.3.1.26 BRIAR_PARSE_ERROR

```
int briar.briar_grpc.briar_error_pb2.BRIAR_PARSE_ERROR = 13
```

6.3.1.27 BRIAR_READ_ERROR

```
int briar.briar_grpc.briar_error_pb2.BRIAR_READ_ERROR = 11
```

6.3.1.28 BRIAR_SUCCESS

```
int briar.briar_grpc.briar_error_pb2.BRIAR_SUCCESS = 0
```

6.3.1.29 BRIAR_UNKNOWN_ERROR

```
int briar.briar_grpc.briar_error_pb2.BRIAR_UNKNOWN_ERROR = 1
```

6.3.1.30 BRIAR_WRITE_ERROR

```
int briar.briar_grpc.briar_error_pb2.BRIAR_WRITE_ERROR = 12
```

6.3.1.31 BriarError

```
briar.briar_grpc.briar_error_pb2.BriarError = enum_type_wrapper.EnumTypeWrapper(_BRIARERROR)
```

6.3.1.32 BriarErrorMessage

```
briar.briar_grpc.briar_error_pb2.BriarErrorMessage
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarErrorMessage', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARERRORMESSAGE,
3   '__module__' : 'briar.briar_grpc.briar_error_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarErrorMessage)
5   })
```

6.3.1.33 BriarErrors

```
briar.briar_grpc.briar_error_pb2.BriarErrors
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarErrors', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARERRORS,
3   '__module__' : 'briar.briar_grpc.briar_error_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarErrors)
5   })
```

6.3.1.34 DESCRIPTOR

briar.briar_grpc.briar_error_pb2.DESRIPTOR

Initial value:

```
1 = _descriptor.FileDescriptor(
2     name='briar/briar_grpc/briar_error.proto',
3     package='briar',
4     syntax='proto3',
5     serialized_options=b'\252\002\017briar.BriarGrpc',
6     create_key=_descriptor._internal_create_key,
7
8     serialized_pb=b'\n"briar/briar_grpc/briar_error.proto\x12\x05\x62riar"@\n\x0b\x42riarErrors\x12!\n\x06\x65rrors\x18\x03(\x0e\x32\x11.briar.BriarError\x12\x0e\n\x06length\x18\x02\x01(\x05">\n\x11\x42riarErrorMessage\x12\x12\n\nerror_code\x18\x01\x01(\x05\x12\x15\n\rrror_message\x18\x02\x01(\t*\xaa\x06\n\nBriarError\x12\x11\n\rBRIAR_SUCCESS\x10\x00\x12\x17\n\x13\x42RIAR_UNKNOWN_ERROR\x10\x01\x12\x18\n\x1c\x42RIAR_FAILURE_TO_DESERIALIZE\x10\x18\x12\x1d\n\x19\x42RIAR_BATCH_ABORTED_EARLY\x10\x19\x12$\n\x1c\x42RIAR_BATCH_FINISHED_WITH_ERRORS\x10\x1a\x12#\n\x1f\x42RIAR_CALLBACK_EXIT_IMMEDIATELY\x10\x1b\x12\x19\n\x15\x42RIAR_NOT'
```

6.3.1.35 enum_type

briar.briar_grpc.briar_error_pb2.enum_type

6.4 briar.briar_grpc.briar_error_pb2_grpc Namespace Reference

6.5 briar.briar_grpc.briar_pb2 Namespace Reference

Variables

- int [AbortEarly](#) = 0
- [AccessRecord](#)
- [APIVersion](#)
- [Attribute](#)
- [BatchPolicy](#) = enum_type_wrapper.EnumTypeWrapper(_BATCHPOLICY)
- [BiometricModality](#) = enum_type_wrapper.EnumTypeWrapper(_BIOMETRICMODALITY)
- [BoolOption](#)
- [BriarDatabase](#)
- [BriarDatabaseInfo](#)
- [BriarDataType](#) = enum_type_wrapper.EnumTypeWrapper(_BRIARDATATYPE)
- int [BriarDouble](#) = 9
- [BriarDuration](#)
- [BriarDurations](#)
- [BriarDurationsList](#)
- int [BriarFloat](#) = 8
- [BriarGalleryInfo](#)
- [BriarGalleryList](#)
- int [BriarInt16](#) = 1
- int [BriarInt32](#) = 2
- int [BriarInt64](#) = 3
- int [BriarInt8](#) = 0
- [BriarMatrix](#)

- [BriarMedia](#)
- [BriarPoint2D](#)
- [BriarProgress](#)
- [BriarRect](#)
- [BriarServiceStatus](#) = enum_type_wrapper.EnumTypeWrapper(_BRIARSERVICESTATUS)
- [BriarTrack](#)
- [int BriarUInt16](#) = 5
- [int BriarUInt32](#) = 6
- [int BriarUInt64](#) = 7
- [int BriarUInt8](#) = 4
- [BriarVector](#)
- [int BUSY](#) = 3
- [int BYTES](#) = 4
- [int Cluster](#) = 4
- [ClusterConfidence](#)
- [ClusterIds](#)
- [containing_type](#)
- [DESCRIPTOR](#)
- [int DetectAll](#) = 0
- [int DetectBest](#) = 2
- [Detection](#)
- [DetectionOptions](#)
- [DetectionPolicy](#) = enum_type_wrapper.EnumTypeWrapper(_DETECTIONPOLICY)
- [int DetectLargest](#) = 1
- [int EMPTY](#) = 0
- [EnhanceOptions](#)
- [int ENROLL_AUTO_DETECTION](#) = 1
- [int ENROLL_FULL_IMAGE](#) = 0
- [int ENROLL_PROVIDED_DETECTION](#) = 2
- [int ENROLL_PROVIDED_TEMPLATE](#) = 3
- [EnrollFlags](#) = enum_type_wrapper.EnumTypeWrapper(_ENROLLFLAGS)
- [EnrollmentInfo](#)
- [EnrollmentType](#) = enum_type_wrapper.EnumTypeWrapper(_ENROLLMENTTYPE)
- [EnrollOptions](#)
- [int ENTRY_TYPE_MEDIA](#) = 2
- [int ENTRY_TYPE_SUBJECT](#) = 1
- [int ENTRY_TYPE_UNKNOWN](#) = 0
- [EntryType](#) = enum_type_wrapper.EnumTypeWrapper(_ENTRYTYPE)
- [enum_type](#)
- [int ERROR](#) = 2
- [EvalConfig](#)
- [int EXTRACT_AUTO_DETECTION](#) = 1
- [int EXTRACT_FULL_IMAGE](#) = 0
- [int EXTRACT_PROVIDED_DETECTION](#) = 2
- [ExtractFlags](#) = enum_type_wrapper.EnumTypeWrapper(_EXTRACTFLAGS)
- [ExtractOptions](#)
- [int FACE](#) = 2
- [FeatureVectorType](#) = enum_type_wrapper.EnumTypeWrapper(_FEATUREVECTORTYPE)
- [int FlagAndFinish](#) = 1
- [int FLOAT](#) = 3
- [FloatOption](#)
- [FrameMetadata](#)
- [int GAIT](#) = 3
- [ImageDetectionList](#)
- [ImageDetectionListGroup](#)

- int `INT` = 2
- `IntOption`
- int `JSON` = 8
- `MatchInfo`
- `MatchList`
- int `MEDIA_IMAGE` = 0
- int `MEDIA_VIDEO` = 1
- `MediaMetadata`
- `MediaType` = enum_type_wrapper.EnumTypeWrapper(_MEDIATYPE)
- `message_type`
- int `PICKLE` = 6
- int `READY` = 1
- `Record`
- `RecordList`
- int `SEARCH_AUTO_DETECTION` = 1
- int `SEARCH_FULL_IMAGE` = 0
- int `SEARCH_PROVIDED_DETECTIONS` = 2
- int `SEARCH_PROVIDED_TEMPLATES` = 3
- `SearchFlags` = enum_type_wrapper.EnumTypeWrapper(_SEARCHFLAGS)
- `SearchOptions`
- int `STRING` = 1
- `StringOption`
- `Template`
- `Templatelds`
- `TemplateImageInput`
- `TemplateList`
- `TemplateListGroup`
- `TrackingOptions`
- `Tracklet`
- int `UNKNOWN` = 0
- int `UNSPECIFIED` = 0
- int `VECTOR` = 5
- int `VERIFY_FULL_IMAGE` = 0
- int `VERIFY_PROVIDED_DETECTIONS` = 1
- int `VERIFY_PROVIDED_TEMPLATES` = 2
- `VerifyFlags` = enum_type_wrapper.EnumTypeWrapper(_VERIFYFLAGS)
- int `WHOLE_BODY` = 1
- int `XML` = 7

6.5.1 Variable Documentation

6.5.1.1 AbortEarly

```
int briar.briar_grpc.briar_pb2.AbortEarly = 0
```

6.5.1.2 AccessRecord

briar.briar_grpc.briar_pb2.AccessRecord

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('AccessRecord', (_message.Message,), {
2   'DESCRIPTOR' : _ACCESSRECORD,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.AccessRecord)
5 })
```

6.5.1.3 APIVersion

briar.briar_grpc.briar_pb2.APIVersion

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('APIVersion', (_message.Message,), {
2   'DESCRIPTOR' : _APIVERSION,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.APIVersion)
5 })
```

6.5.1.4 Attribute

briar.briar_grpc.briar_pb2.Attribute

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('Attribute', (_message.Message,), {
2   'DESCRIPTOR' : _ATTRIBUTE,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.Attribute)
5 })
```

6.5.1.5 BatchPolicy

briar.briar_grpc.briar_pb2.BatchPolicy = enum_type_wrapper.EnumTypeWrapper(_BATCHPOLICY)

6.5.1.6 BiometricModality

briar.briar_grpc.briar_pb2.BiometricModality = enum_type_wrapper.EnumTypeWrapper(_BIOMETRICMODALITY)

6.5.1.7 BoolOption

briar.briar_grpc.briar_pb2.BoolOption

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BoolOption', (_message.Message,), {
2   'DESCRIPTOR' : _BOOLOPTION,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BoolOption)
5 })
```

6.5.1.8 BriarDatabase

briar.briar_grpc.briar_pb2.BriarDatabase

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarDatabase', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARDATABASE,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarDatabase)
5 })
```

6.5.1.9 BriarDatabaseInfo

briar.briar_grpc.briar_pb2.BriarDatabaseInfo

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarDatabaseInfo', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARDATABASEINFO,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarDatabaseInfo)
5 })
```

6.5.1.10 BriarDataType

briar.briar_grpc.briar_pb2.BriarDataType = enum_type_wrapper.EnumTypeWrapper(_BRIARDATATYPE)

6.5.1.11 BriarDouble

int briar.briar_grpc.briar_pb2.BriarDouble = 9

6.5.1.12 BriarDuration

briar.briar_grpc.briar_pb2.BriarDuration

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarDuration', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARDURATION,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarDuration)
5 })
```

6.5.1.13 BriarDurations

briar.briar_grpc.briar_pb2.BriarDurations

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarDurations', (_message.Message,), {
2
3   'SubDurationsEntry' : _reflection.GeneratedProtocolMessageType('SubDurationsEntry', (_message.Message,), {
4       {
5         'DESCRIPTOR' : _BRIARDURATIONS_SUBDURATIONSENTRY,
6         '__module__' : 'briar.briar_grpc.briar_pb2'
7         # @@protoc_insertion_point(class_scope:briar.BriarDurations.SubDurationsEntry)
8       })
9   },
10   'DESCRIPTOR' : _BRIARDURATIONS,
11   '__module__' : 'briar.briar_grpc.briar_pb2'
12   # @@protoc_insertion_point(class_scope:briar.BriarDurations)
13 })
```

6.5.1.14 BriarDurationsList

briar.briar_grpc.briar_pb2.BriarDurationsList

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarDurationsList', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARDURATIONS_LIST,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarDurationsList)
5 })
```

6.5.1.15 BriarFloat

int briar.briar_grpc.briar_pb2.BriarFloat = 8

6.5.1.16 BriarGalleryInfo

briar.briar_grpc.briar_pb2.BriarGalleryInfo

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarGalleryInfo', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARGALLERYINFO,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarGalleryInfo)
5 })
```


6.5.1.17 BriarGalleryList

briar.briar_grpc.briar_pb2.BriarGalleryList

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarGalleryList', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARGALLERYLIST,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarGalleryList)
5   })
```

6.5.1.18 BriarInt16

int briar.briar_grpc.briar_pb2.BriarInt16 = 1

6.5.1.19 BriarInt32

int briar.briar_grpc.briar_pb2.BriarInt32 = 2

6.5.1.20 BriarInt64

int briar.briar_grpc.briar_pb2.BriarInt64 = 3

6.5.1.21 BriarInt8

int briar.briar_grpc.briar_pb2.BriarInt8 = 0

6.5.1.22 BriarMatrix

briar.briar_grpc.briar_pb2.BriarMatrix

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarMatrix', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARMATRIX,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarMatrix)
5   })
```

6.5.1.23 BriarMedia

briar.briar_grpc.briar_pb2.BriarMedia

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarMedia', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARMEDIA,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarMedia)
5 })
```

6.5.1.24 BriarPoint2D

briar.briar_grpc.briar_pb2.BriarPoint2D

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarPoint2D', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARPOINT2D,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarPoint2D)
5 })
```

6.5.1.25 BriarProgress

briar.briar_grpc.briar_pb2.BriarProgress

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarProgress', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARPROGRESS,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarProgress)
5 })
```

6.5.1.26 BriarRect

briar.briar_grpc.briar_pb2.BriarRect

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarRect', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARRECT,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarRect)
5 })
```

6.5.1.27 BriarServiceStatus

```
briar.briar_grpc.briar_pb2.BriarServiceStatus = enum_type_wrapper.EnumTypeWrapper(_BRIARSERV←
ICESTATUS)
```

6.5.1.28 BriarTrack

briar.briar_grpc.briar_pb2.BriarTrack

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarTrack', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARTRACK,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarTrack)
5   })
```

6.5.1.29 BriarUInt16

int briar.briar_grpc.briar_pb2.BriarUInt16 = 5

6.5.1.30 BriarUInt32

int briar.briar_grpc.briar_pb2.BriarUInt32 = 6

6.5.1.31 BriarUInt64

int briar.briar_grpc.briar_pb2.BriarUInt64 = 7

6.5.1.32 BriarUInt8

int briar.briar_grpc.briar_pb2.BriarUInt8 = 4

6.5.1.33 BriarVector

briar.briar_grpc.briar_pb2.BriarVector

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('BriarVector', (_message.Message,), {
2   'DESCRIPTOR' : _BRIARVECTOR,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.BriarVector)
5   })
```

6.5.1.34 BUSY

```
int briar.briar_grpc.briar_pb2.BUSY = 3
```

6.5.1.35 BYTES

```
int briar.briar_grpc.briar_pb2.BYTES = 4
```

6.5.1.36 Cluster

```
int briar.briar_grpc.briar_pb2.Cluster = 4
```

6.5.1.37 ClusterConfidence

```
briar.briar_grpc.briar_pb2.ClusterConfidence
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('ClusterConfidence', (_message.Message,), {
2   'DESCRIPTOR' : _CLUSTERCONFIDENCE,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.ClusterConfidence)
5   })
```

6.5.1.38 ClusterIds

```
briar.briar_grpc.briar_pb2.ClusterIds
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('ClusterIds', (_message.Message,), {
2   'DESCRIPTOR' : _CLUSTERIDS,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.ClusterIds)
5   })
```

6.5.1.39 containing_type

```
briar.briar_grpc.briar_pb2.containing_type
```

6.5.1.40 DESCRIPTOR

briar.briar_grpc.briar_pb2.DESSCRIPTOR

Initial value:

```
1 = _descriptor.FileDescriptor(  
2     name='briar/briar_grpc/briar.proto',  
3     package='briar',  
4     syntax='proto3',  
5     serialized_options=b'\252\002\017briar.BriarGrpc',  
6     create_key=_descriptor._internal_create_key,  
7     serialized_pb=b'\n\x1c\x62riar/briar_grpc/briar.proto\x12\x05\x62riar\"9\n\nAPIVersion\x12\r\n\x05major\x18\x01  
\x01(\x05\x12\r\n\x05minor\x18\x02 \x01(\x05\x12\r\n\x05patch\x18\x03  
\x01(\x05\"7\n\x0cStringOption\x12\x18\n\x10override_default\x18\x01  
\x01(\x08\x12\r\n\x05value\x18\x02 \x01(\t\"5\n\nBoolOption\x12\x18\n\x10override_default\x18\x01  
\x01(\x08\x12\r\n\x05value\x18\x02 \x01(\x08\"4\n\tIntOption\x12\x18\n\x10override_default\x18\x01  
\x01(\x08\x12\r\n\x05value\x18\x02  
\x01(\x03\"6\n\x0b\x46loatOption\x12\x18\n\x10override_default\x18\x01  
\x01(\x08\x12\r\n\x05value\x18\x02 \x01(\x02\"\"xeax\x01\n\nEvalConfig\x12&\n\x06policy\x18\x01  
\x01(\x0e\x32\x16.briar.DetectionPolicy\x12\x17\n\x0fmin_object_size\x18\x02  
\x01(\x05\x12#\n\x04role\x18\x03 \x01(\x0e\x32\x15.briar.EnrollmentType\x12\x11\n\tthreshold\x18\x04  
\x01(\x02\x12\x13\n\x0bmax_returns\x18\x05 \x01(\x05\x12\x0c\n\x04hint\x18\x06  
\x01(\x02\x12\x16\n\x0emin_size_prcnt\x18\x07 \x01(\x02\x12(\n\x0c\x62\x61tch_policy\x18\x08  
\x01(\x0e\x32\x12.briar.BatchPolicy\"\"xa9\x04\n\nBriarMedia\x12\r\n\x05width\x18\x01  
\x01(\x05\x12\x14\n\x0e\n\x06height\x18\x02 \x01(\x05\x12\x10\n\x08\x63channels\x18\x03  
\x01(\x05\x12\x13\n\x0b\x66frame_count\x18\x04 \x01(\x05\x12\x12\n\nframe_rate\x18\x05  
\x01(\x02\x12\x12\n\nsegment_id\x18\x06 \x01(\x05\x12\x15\n\nsegment_total\x18\x07  
\x01(\x05\x12\x14\n\x0c\x66frame_number\x18\x08 \x01(\x05\x12(\n\x04type\x18\t  
\x01(\x0e\x32\x1a.briar.BriarMedia.DataType\x12/\n\x0bsource_type\x18\n  
\x01(\x0e\x32\x1a.briar.BriarMedia.DataType\x12\x0c\n\x04\x64\x61ta\x18\x0b  
\x01(\x0c\x32\x12\x0e\n\x06source\x18\x0c \x01(\t\x12\x19\n\x11server_side_source\x18\r  
\x01(\t\x12\x13\n\x0b\x64\x65scription\x18\x0e \x01(\t\x12\x10\n\x08\x64\x61tetime\x18\x0f  
\x01(\t\x12&\n\x08metadata\x18\x10  
\x03(\x0b\x32\x14.briar.MediaMetadata\"\"x9c\x01\n\x08\x44\x61taType\x12\t\n\x05UINT8\x10\x00\x12\n\n\x06UINT16\x10\x01  
\x01(\x0b\x32\x11.briar.BoolOption\x12 \n\x05\x64\x65\x62ug\x18\x02  
\x01(\x0b\x32\x11.briar.BoolOption\x12$\n\nentry_type\x18\x03  
\x01(\x0e\x32\x10.briar.EntryType\x12\x12\n\nsubject_id\x18\x04 \x01(\t\x12\x10\n\x08media_id\x18\x05  
\x01(\t\x12\x14\n\x0csubject_name\x18\x06 \x01(\t\x12&\n\x0c\x65nroll_batch\x18\x07  
\x01(\x0b\x32\x10.briar.IntOption\x12'\n\x0b\x65nroll_flag\x18\x08  
\x01(\x0e\x32\x12.briar.EnrollFlags\x12*\n\x08modality\x18\t  
\x01(\x0e\x32\x18.briar.BiometricModality\x12'\n\x0creturn_media\x18\n  
\x01(\x0b\x32\x11.briar.BoolOption\x12&\n\x0bstore_media\x18\x0b  
\x01(\x0b\x32\x11.briar.BoolOption\x12$\n\nattributes\x18\x0c  
\x03(\x0b\x32\x10.briar.Attribute\"\"xce\x04\n\nrSearchOptions\x12$\n\x07out_dir\x18\x01  
\x01(\x0b\x32\x13.briar.StringOption\x12(\n\x0boutput_type\x18\x02  
\x01(\x0b\x32\x13.briar.StringOption\x12,\n\x0fsearch_database\x18\x03  
\x01(\x0b\x32\x13.briar.StringOption\x12+\n\x0eprobe_database\x18\x04  
\x01(\x0b\x32\x13.briar.StringOption\x12,\n\x10search_threshold\x18\x05  
\x01(\x0b\x32\x12.briar.FloatOption\x12%\n\x0bmax_results\x18\x06  
\x01(\x0b\x32\x10.briar.IntOption\x12&\n\x0csearch_batch\x18\x07  
\x01(\x0b\x32\x10.briar.IntOption\x12)\n\x0euse_detections\x18\x08  
\x01(\x0b\x32\x11.briar.BoolOption\x12(\n\nruse_templates\x18\t \x01(\x0b\x32\x11.briar.BoolOption\x12  
\n\x04\x66lag\x18\n \x01(\x0e\x32\x12.briar.SearchFlags\x12'\n\x0creturn_media\x18\x0b  
\x01(\x0b\x32\x11.briar.BoolOption\x12*\n\x08modality\x18\x0c  
\x01(\x0e\x32\x18.briar.BiometricModality\x12\x1f\n\x04\x66gull\x18\r  
\x01(\x0b\x32\x11.briar.BoolOption\x12(\n\nrreturn_matrix\x18\x0e  
\x01(\x0b\x32\x11.briar.BoolOption\"\"xaf\x01\n\x0e\x45nrollmentInfo\x12\x13\n\x0b\x64\x61tabase_id\x18\x01  
\x01(\t\x12\x10\n\x08media_id\x18\x02 \x01(\t\x12\x12\n\nsubject_id\x18\x03  
\x01(\t\x12\x1e\n\x04type\x18\x04 \x01(\x0e\x32\x10.briar.EntryType\x12\x0c\n\x04name\x18\x05  
\x01(\t\x12\x10\n\x06source\x18\x06 \x01(\t\x12$\n\nattributes\x18\x07  
\x03(\x0b\x32\x10.briar.Attribute\"\"@n\tBriarRect\x12\t\n\x01x\x18\x01 \x01(\x05\x12\t\n\x01y\x18\x02  
\x01(\x05\x12\r\n\x05width\x18\x03 \x01(\x05\x12\x0e\n\x06height\x18\x04  
\x01(\x05\"$\n\x0c\x42riarPoint2D\x12\t\n\x01x\x18\x01 \x01(\x02\x12\t\n\x01y\x18\x02  
\x01(\x02\"8\n\rBriarProgress\x12\x13\n\x0b\x63urrentStep\x18\x01  
\x01(\x03\x12\x12\n\ntotalSteps\x18\x02 \x01(\x03\"E\n\nBriarTrack\x12\" \n\ttracklets\x18\x01  
\x03(\x0b\x32\x0f.briar.Tracklet\x12\x13\n\x0b\x63onfidences\x18\x02  
\x03(\x02\"\"x1b\n\x0b\x42riarVector\x12\x0c\n\x04\x64\x61ta\x18\x01  
\x03(\x02\"\"\\\n\x0b\x42riarMatrix\x12\x16\n\x0e\x63olumn_headers\x18\x01  
\x03(\t\x12\x13\n\x0brow_headers\x18\x02 \x03(\t\x12 \n\x04rows\x18\x03  
\x03(\x0b\x32\x12.briar.BriarVector\"\"xc4\x02\n\tAttribute\x12\x0b\n\x03key\x18\x01  
\x01(\t\x12\x13\n\x0b\x64\x65scription\x18\x02 \x01(\t\x12\x10\n\x06\x62uffer\x18\x03  
\x01(\x0c\x12\x0e\n\x06\x66value\x18\x04 \x01(\x02\x12\x0e\n\x06ivalue\x18\x05  
\x01(\x02\x12\x0c\n\x04text\x18\x06 \x01(\t\x12\x10\n\x06pickle\x18\x07  
\x01(\x0c\x12\x0c\n\x04json\x18\x08 \x01(\x0c\x12\" \n\x06matrix\x18\t  
\x01(\x0b\x32\x12.briar.BriarMatrix\x12\" \n\x06vector\x18\n \x01(\x0b\x32\x12.briar.BriarVector\x12  
\n\x05media\x18\x0b \x01(\x0b\x32\x11.briar.BriarMedia\x12\" \n\x05point\x18\x0c  
\x01(\x0b\x32\x13.briar.BriarPoint2D\x12\x1e\n\x04rect\x18\r  
\x01(\x0b\x32\x10.briar.BriarRect\x12\x0b\n\x03xml\x18\x0e  
\x01(\x0c\"5\n\rFrameMetadata\x12$\n\nattributes\x18\x01  
\x03(\x0b\x32\x10.briar.Attribute\"c\n\rMediaMetadata\x12$\n\nattributes\x18\x01  
\x03(\x0b\x32\x10.briar.Attribute\x12,\n\x0e\x66frame_metadata\x18\x02  
\x03(\x0b\x32\x14.briar.FrameMetadata\"\"xff\x01\n\tDetection\x12\x12\n\nconfidence\x18\x01  
\x01(\x02\x12\" \n\x08location\x18\x02 \x01(\x0b\x32\x10.briar.BriarRect\x12\r\n\x05\x66frame\x18\x03  
\x01(\x05\x12\x14\n\x0c\x64\x65tection_id\x18\x04 \x01(\x03\x12\x13\n\x0btracklet_id\x18\x05
```

```
\x01(\x03\x12\x17\n\x0f\x64\x65tection_class\x18\x06 \x01(\t\x12$\n\nattributes\x18\x07
\x03(\x0b\x32\x10.briar.Attribute\x12\x1f\n\x04mask\x18\x08 \x01(\x0b\x32\x11.briar.BriarMedia\x12
\n\x05media\x18\t
\x01(\x0b\x32\x11.briar.BriarMedia"\xac\x01\n\x08Tracklet\x12$\n\ndetections\x18\x01
\x03(\x0b\x32\x10.briar.Detection\x12$\n\nattributes\x18\x02
\x03(\x0b\x32\x10.briar.Attribute"\xb5\x02\n\x0etracklet_class\x18\x03
\x01(\t\x12\x13\n\x0btracklet_id\x18\x04 \x01(\x03\x12'\n\x07options\x18\x05
\x01(\x0b\x32\x16.briar.TrackingOptions"\xaf\x04\n\x10\x44\x65tectionOptions\x12)\n\x0c\x61lgorithm_id\x18\x01
\x01(\x0b\x32\x13.briar.StringOption\x12\x1f\n\x04\x62\x65st\x18\x02
\x01(\x0b\x32\x11.briar.BoolOption\x12*\n\x0e\x66\x61\x63\x65_threshold\x18\x03
\x01(\x0b\x32\x12.briar.FloatOption\x12*\n\x0e\x62ody_threshold\x18\x04
\x01(\x0b\x32\x12.briar.FloatOption\x12)\n\x0f\x66\x61\x63\x65_min_height\x18\x05
\x01(\x0b\x32\x10.briar.IntOption\x12)\n\x0f\x62ody_min_height\x18\x06
\x01(\x0b\x32\x10.briar.IntOption\x12*\n\x0c\x64\x65tect_batch\x18\x07
\x01(\x0b\x32\x10.briar.IntOption\x12*\n\x0f\x65nable_metadata\x18\x08
\x01(\x0b\x32\x11.briar.BoolOption\x12 \n\x05\x64\x65\x62ug\x18\t
\x01(\x0b\x32\x11.briar.BoolOption\x12'\n\x0creturn_media\x18\n
\x01(\x0b\x32\x11.briar.BoolOption\x12\x30\n\x10tracking_options\x18\x0b
\x01(\x0b\x32\x16.briar.TrackingOptions\x12*\n\x08modality\x18\x0c
\x01(\x0e\x32\x18.briar.BiometricModality\x12$\n\nattributes\x18\r
\x03(\x0b\x32\x10.briar.Attribute"\xb5\x02\n\x0fTrackingOptions\x12)\n\x0c\x61lgorithm_id\x18\x01
\x01(\x0b\x32\x13.briar.StringOption\x12+\n\x10tracking_disable\x18\x02
\x01(\x0b\x32\x11.briar.BoolOption\x12%\n\ntthreshold\x18\x03
\x01(\x0b\x32\x12.briar.FloatOption\x12(\n\x0etracking_batch\x18\x04
\x01(\x0b\x32\x10.briar.IntOption\x12'\n\x0creturn_media\x18\x05
\x01(\x0b\x32\x11.briar.BoolOption\x12*\n\x08modality\x18\x06
\x01(\x0e\x32\x18.briar.BiometricModality\x12$\n\nattributes\x18\x07
\x03(\x0b\x32\x10.briar.Attribute"\xdf\x01\n\x0e\x45nhanceOptions\x12)\n\x0c\x61lgorithm_id\x18\x01
\x01(\x0b\x32\x13.briar.StringOption\x12'\n\x0creturn_media\x18\x02
\x01(\x0b\x32\x11.briar.BoolOption\x12'\n\renhance_batch\x18\x03
\x01(\x0b\x32\x10.briar.IntOption\x12+\n\x08modality\x18\x04
\x01(\x0e\x32\x18.briar.BiometricModality\x12$\n\nattributes\x18\x05
\x03(\x0b\x32\x10.briar.Attribute"\xc4\x01\n\x12ImageDetectionList\x12$\n\ndetections\x18\x01
\x03(\x0b\x32\x10.briar.Detection\x12\x1a\n\x12\x64\x65tection_duration\x18\x02
\x01(\x02\x12\x13\n\x0bimage_width\x18\x03 \x01(\x05\x12\x14\n\x0cimage_height\x18\x04
\x01(\x05\x12\x17\n\x0f\x64\x65tection_count\x18\x05 \x01(\x05\x12(\n\x07options\x18\x06
\x01(\x0b\x32\x17.briar.DetectionOptions"\$S\n\x17ImageDetectionListGroup\x12(\n\x05group\x18\x01
\x03(\x0b\x32\x19.briar.ImageDetectionList\x12\x0e\n\x06length\x18\x02
\x01(\x05)"\xa4\x02\n\x0e\x45xtractOptions\x12)\n\x0c\x61lgorithm_id\x18\x01
\x01(\x0b\x32\x13.briar.StringOption\x12 \n\x05\x64\x65\x62ug\x18\x02
\x01(\x0b\x32\x11.briar.BoolOption\x12!\n\x04\x66lag\x18\x03
\x01(\x0e\x32\x13.briar.ExtractFlags\x12'\n\rextract_batch\x18\x04
\x01(\x0b\x32\x10.briar.IntOption\x12*\n\x08modality\x18\x05
\x01(\x0e\x32\x18.briar.BiometricModality\x12'\n\x0creturn_media\x18\x06
\x01(\x0b\x32\x11.briar.BoolOption\x12$\n\nattributes\x18\x07
\x03(\x0b\x32\x10.briar.Attribute"\x0c\n\x0c\x41\x63\x63\x65ssRecord\x12\x10\n\x08\x64\x61tettime\x18\x01
\x01(\t\x12\r\n\x05notes\x18\x02 \x01(\t\x12\x12\n\ncredential\x18\x03
\x01(\t\x12)"n\x08metadata\x18\x04
\x03(\x0b\x32\x10.briar.Attribute"\x12\n\x12TemplateImageInput\x12\x1d\n\x02im\x18\x01
\x01(\x0b\x32\x11.briar.BriarMedia\x12$\n\ndetections\x18\x02
\x03(\x0b\x32\x10.briar.BriarRect"\x01\n\x08Template\x12 \n\x04\x64\x61ta\x18\x01
\x01(\x0b\x32\x12.briar.BriarVector\x12\x0e\n\x06\x62uffer\x18\x02
\x01(\x0c\x12\x11\n\talgorithm\x18\x03 \x01(\t\x12\n\n\x02id\x18\x04
\x01(\t)">\n\x0cTemplateList\x12\x1e\n\x05tpls\x18\x01
\x03(\x0b\x32\x0f.briar.Template\x12\x0e\n\x06length\x18\x02
\x01(\x05)"G\n\x11TemplateListGroup\x12"\n\x05group\x18\x01
\x03(\x0b\x32\x13.briar.TemplateList\x12\x0e\n\x06length\x18\x02
\x01(\x05)"\x98\x05\n\x06Record\x12\x12\n\nsubject_id\x18\x01 \x01(\t\x12\x10\n\x08media_id\x18\x02
\x01(\t\x12\x0c\n\x04name\x18\x03 \x01(\t\x12\x0e\n\x06source\x18\x04
\x01(\t\x12\r\n\x05\x66rame\x18\x05 \x01(\x03\x12\x11\n\talgorithm\x18\x06
\x01(\t\x12\r\n\x05notes\x18\x07 \x01(\t\x12\x13\n\x0bgallery_key\x18\x08
\x01(\t\x12\x17\n\x0f\x63ollection_date\x18\t \x01(\x02\x12\x17\n\x0f\x65nrollment_date\x18\n
\x01(\x02\x12)"n\x08metadata\x18\x0b
\x03(\x0b\x32\x10.briar.Attribute\x12+\n\x0e\x61\x63\x63\x65ss_records\x18\x0c
\x01(\x0b\x32\x13.briar.AccessRecord\x12\x1f\n\x04view\x18\r
\x03(\x0b\x32\x11.briar.BriarMedia\x12#\n\tdetection\x18\x0e
\x01(\x0b\x32\x10.briar.Detection\x12!\n\x08tracklet\x18\x0f
\x01(\x0b\x32\x0f.briar.Tracklet\x12$\n\nattributes\x18\x10
\x03(\x0b\x32\x10.briar.Attribute\x12'\n\rinternal_data\x18\x11
\x03(\x0b\x32\x10.briar.Attribute\x12\x13\n\x0btemplate_id\x18\x12 \x01(\t\x12!\n\x08template\x18\x13
\x01(\x0b\x32\x0f.briar.Template\x12\x13\n\x0bmatch_score\x18\x14
\x01(\x02\x12*\n\x0esearch_results\x18\x15
\x01(\x0b\x32\x12.briar.TemplateIds\x12*\n\x08modality\x18\x16
\x01(\x0e\x32\x18.briar.BiometricModality\x12$\n\nentry_type\x18\x17
\x01(\x0e\x32\x10.briar.EntryType",\n\nRecordList\x12\x1e\n\x07records\x18\x01
\x03(\x0b\x32\r.briar.Record"\x99\x02\n\tMatchInfo\x12\r\n\x05score\x18\x01
\x01(\x02\x12\x10\n\x08probe_id\x18\x03 \x01(\t\x12\x12\n\nsubject_id\x18\x04
\x01(\t\x12\x10\n\x08media_id\x18\x02 \x01(\t\x12\x14\n\x0csubject_name\x18\x05
\x01(\t\x12\x14\n\x0creference_id\x18\x06 \x01(\t\x12\x17\n\x0fverification_id\x18\x07
\x01(\t\x12\x1d\n\x06record\x18\x08 \x01(\x0b\x32\r.briar.Record\x12\x1f\n\x04\x66\x61\x63\x65\x18\t
\x01(\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x04\x62ody\x18\n
\x01(\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x04gate\x18\x0b
\x01(\x0b\x32\x11.briar.BriarMedia"\x11\n\tMatchList\x12$\n\nmatch_list\x18\x01
\x03(\x0b\x32\x10.briar.MatchInfo"\x1d\n\rBriarDatabase\x12\x0c\n\x04name\x18\x01
\x01(\t)"\xf0\x01\n\x11\x42riarDatabaseInfo\x12\x0c\n\x04name\x18\x01
\x01(\t\x12\x13\n\x0b\x65ntry_count\x18\x02 \x01(\x03\x12\x16\n\x0etemplate_count\x18\x03
\x01(\x03\x12\x1f\n\x17\x66\x61led_enrollment_count\x18\x04
```

```

\x01(\x03\x12\x1b\n\x13total_database_size\x18\x05
\x01(\x03\x12\x1a\n\x12\x61verage_entry_size\x18\x06 \x01(\x03\x12,\n\nmodalities\x18\t
\x03(\x0e\x32\x18.briar.BiometricModality\x12$\n\nattributes\x18\n
\x03(\x0b\x32\x10.briar.Attribute\*\n\x0bTemplateIds\x12\x0b\n\x03ids\x18\x01
\x03(\t\x12\x0e\n\x06length\x18\x02
\x01(\x05"r\n\x10\x42riarGalleryInfo\x12\x14\n\x0cgallery_name\x18\x01
\x01(\t\x12\r\n\x05\x63ount\x18\x02 \x01(\x03\x12\x0b\n\x03ids\x18\x03
\x03(\t\x12\x0e\n\x06length\x18\x04 \x01(\x05\x12\x1c\n\x14num_unique_templates\x18\x05
\x01(\x05">\n\x10\x42riarGalleryList\x12*\n\ntgalleries\x18\x01
\x03(\x0b\x32\x17.briar.BriarGalleryInfo"\x19\n\nClusterIds\x12\x0b\n\x03ids\x18\x01
\x03(\t"(\n\x11\x43lusterConfidence\x12\x13\n\x0b\x63onfidences\x18\x01
\x01(\x01"+\n\rBriarDuration\x12\r\n\x05start\x18\x01 \x01(\x01\x12\x0b\n\x03\x65nd\x18\x02
\x01(\x01"\xeb\x03\n\x0e\x42riarDurations\x12\x38\n\x1a\x63lient_duration_file_level\x18\x01
\x01(\x0b\x32\x14.briar.BriarDuration\x12\x39\n\x1b\x63lient_duration_frame_level\x18\x02
\x01(\x0b\x32\x14.briar.BriarDuration\x12=\n\x1fgrpc_outbound_transfer_duration\x18\x03
\x01(\x0b\x32\x14.briar.BriarDuration\x12<\n\x1egrpc_inbound_transfer_duration\x18\x04
\x01(\x0b\x32\x14.briar.BriarDuration\x12.\n\x10service_duration\x18\x05
\x01(\x0b\x32\x14.briar.BriarDuration\x12>\n\rsub_durations\x18\x06
\x03(\x0b\x32'.briar.BriarDurations.SubDurationsEntry\x12,\n\x0etotal_duration\x18\x07
\x01(\x0b\x32\x14.briar.BriarDuration\x1aI\n\x11SubDurationsEntry\x12\x0b\n\x03key\x18\x01
\x01(\t\x12#\n\x05value\x18\x02
\x01(\x0b\x32\x14.briar.BriarDuration:\x02\x38\x01"C\n\x12\x42riarDurationsList\x12-\n\x0e\x64urations_list\x18\x01
\x03(\x0b\x32\x15.briar.BriarDurations*A\n\x12\x42riarServiceStatus\x12\x0b\n\x07UNKNOWN\x10\x00\x12\t\n\x05READY\x10\x0
8 )

```

6.5.1.41 DetectAll

```
int briar.briar_grpc.briar_pb2.DetectAll = 0
```

6.5.1.42 DetectBest

```
int briar.briar_grpc.briar_pb2.DetectBest = 2
```

6.5.1.43 Detection

```
briar.briar_grpc.briar_pb2.Detection
```

Initial value:

```

1 = _reflection.GeneratedProtocolMessageType('Detection', (_message.Message,), {
2   'DESCRIPTOR' : _DETECTION,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.Detection)
5 })

```

6.5.1.44 DetectionOptions

```
briar.briar_grpc.briar_pb2.DetectionOptions
```

Initial value:

```

1 = _reflection.GeneratedProtocolMessageType('DetectionOptions', (_message.Message,), {
2   'DESCRIPTOR' : _DETECTIONOPTIONS,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DetectionOptions)
5 })

```

6.5.1.45 DetectionPolicy

```
briar.briar_grpc.briar_pb2.DetectionPolicy = enum_type_wrapper.EnumTypeWrapper(_DETECTIONPOLICY)
```

6.5.1.46 DetectLargest

```
int briar.briar_grpc.briar_pb2.DetectLargest = 1
```

6.5.1.47 EMPTY

```
int briar.briar_grpc.briar_pb2.EMPTY = 0
```

6.5.1.48 EnhanceOptions

```
briar.briar_grpc.briar_pb2.EnhanceOptions
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('EnhanceOptions', (_message.Message,), {
2   'DESCRIPTOR' : _ENHANCEOPTIONS,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.EnhanceOptions)
5   })
```

6.5.1.49 ENROLL_AUTO_DETECTION

```
int briar.briar_grpc.briar_pb2.ENROLL_AUTO_DETECTION = 1
```

6.5.1.50 ENROLL_FULL_IMAGE

```
int briar.briar_grpc.briar_pb2.ENROLL_FULL_IMAGE = 0
```

6.5.1.51 ENROLL_PROVIDED_DETECTION

```
int briar.briar_grpc.briar_pb2.ENROLL_PROVIDED_DETECTION = 2
```


6.5.1.52 ENROLL_PROVIDED_TEMPLATE

```
int briar.briar_grpc.briar_pb2.ENROLL_PROVIDED_TEMPLATE = 3
```

6.5.1.53 EnrollFlags

```
briar.briar_grpc.briar_pb2.EnrollFlags = enum_type_wrapper.EnumTypeWrapper(_ENROLLFLAGS)
```

6.5.1.54 EnrollmentInfo

```
briar.briar_grpc.briar_pb2.EnrollmentInfo
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('EnrollmentInfo', (_message.Message,), {
2   'DESCRIPTOR' : _ENROLLMENTINFO,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.EnrollmentInfo)
5 })
```

6.5.1.55 EnrollmentType

```
briar.briar_grpc.briar_pb2.EnrollmentType = enum_type_wrapper.EnumTypeWrapper(_ENROLLMENTTYPE)
```

6.5.1.56 EnrollOptions

```
briar.briar_grpc.briar_pb2.EnrollOptions
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('EnrollOptions', (_message.Message,), {
2   'DESCRIPTOR' : _ENROLLOPTIONS,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.EnrollOptions)
5 })
```

6.5.1.57 ENTRY_TYPE_MEDIA

```
int briar.briar_grpc.briar_pb2.ENTRY_TYPE_MEDIA = 2
```

6.5.1.58 ENTRY_TYPE_SUBJECT

```
int briar.briar_grpc.briar_pb2.ENTRY_TYPE_SUBJECT = 1
```

6.5.1.59 ENTRY_TYPE_UNKNOWN

```
int briar.briar_grpc.briar_pb2.ENTRY_TYPE_UNKNOWN = 0
```

6.5.1.60 EntryType

```
briar.briar_grpc.briar_pb2.EntryType = enum_type_wrapper.EnumTypeWrapper(_ENTRYTYPE)
```

6.5.1.61 enum_type

```
briar.briar_grpc.briar_pb2.enum_type
```

6.5.1.62 ERROR

```
int briar.briar_grpc.briar_pb2.ERROR = 2
```

6.5.1.63 EvalConfig

```
briar.briar_grpc.briar_pb2.EvalConfig
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('EvalConfig', (_message.Message,), {
2   'DESCRIPTOR' : _EVALCONFIG,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.EvalConfig)
5   })
```

6.5.1.64 EXTRACT_AUTO_DETECTION

```
int briar.briar_grpc.briar_pb2.EXTRACT_AUTO_DETECTION = 1
```

6.5.1.65 EXTRACT_FULL_IMAGE

```
int briar.briar_grpc.briar_pb2.EXTRACT_FULL_IMAGE = 0
```

6.5.1.66 EXTRACT_PROVIDED_DETECTION

```
int briar.briar_grpc.briar_pb2.EXTRACT_PROVIDED_DETECTION = 2
```

6.5.1.67 ExtractFlags

```
briar.briar_grpc.briar_pb2.ExtractFlags = enum_type_wrapper.EnumTypeWrapper(_EXTRACTFLAGS)
```

6.5.1.68 ExtractOptions

```
briar.briar_grpc.briar_pb2.ExtractOptions
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('ExtractOptions', (_message.Message,), {  
2   'DESCRIPTOR' : _EXTRACTOPTIONS,  
3   '__module__' : 'briar.briar_grpc.briar_pb2'  
4   # @@protoc_insertion_point(class_scope:briar.ExtractOptions)  
5   })
```

6.5.1.69 FACE

```
int briar.briar_grpc.briar_pb2.FACE = 2
```

6.5.1.70 FeatureVectorType

```
briar.briar_grpc.briar_pb2.FeatureVectorType = enum_type_wrapper.EnumTypeWrapper(_FEATUREVECTORTYPE)
```

6.5.1.71 FlagAndFinish

```
int briar.briar_grpc.briar_pb2.FlagAndFinish = 1
```

6.5.1.72 FLOAT

```
int briar.briar_grpc.briar_pb2.FLOAT = 3
```

6.5.1.73 FloatOption

```
briar.briar_grpc.briar_pb2.FloatOption
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('FloatOption', (_message.Message,), {
2   'DESCRIPTOR' : _FLOATOPTION,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.FloatOption)
5 })
```

6.5.1.74 FrameMetadata

```
briar.briar_grpc.briar_pb2.FrameMetadata
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('FrameMetadata', (_message.Message,), {
2   'DESCRIPTOR' : _FRAMEMETADATA,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.FrameMetadata)
5 })
```

6.5.1.75 GAIT

```
int briar.briar_grpc.briar_pb2.GAIT = 3
```

6.5.1.76 ImageDetectionList

```
briar.briar_grpc.briar_pb2.ImageDetectionList
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('ImageDetectionList', (_message.Message,), {
2   'DESCRIPTOR' : _IMAGEDETECTIONLIST,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.ImageDetectionList)
5 })
```

6.5.1.77 ImageDetectionListGroup

briar.briar_grpc.briar_pb2.ImageDetectionListGroup

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('ImageDetectionListGroup', (_message.Message,), {
2   'DESCRIPTOR' : _IMAGEDETECTIONLISTGROUP,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.ImageDetectionListGroup)
5 })
```

6.5.1.78 INT

int briar.briar_grpc.briar_pb2.INT = 2

6.5.1.79 IntOption

briar.briar_grpc.briar_pb2.IntOption

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('IntOption', (_message.Message,), {
2   'DESCRIPTOR' : _INTOPTION,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.IntOption)
5 })
```

6.5.1.80 JSON

int briar.briar_grpc.briar_pb2.JSON = 8

6.5.1.81 MatchInfo

briar.briar_grpc.briar_pb2.MatchInfo

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('MatchInfo', (_message.Message,), {
2   'DESCRIPTOR' : _MATCHINFO,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.MatchInfo)
5 })
```

6.5.1.82 MatchList

briar.briar_grpc.briar_pb2.MatchList

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('MatchList', (_message.Message,), {
2   'DESCRIPTOR' : _MATCHLIST,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.MatchList)
5 })
```

6.5.1.83 MEDIA_IMAGE

int briar.briar_grpc.briar_pb2.MEDIA_IMAGE = 0

6.5.1.84 MEDIA_VIDEO

int briar.briar_grpc.briar_pb2.MEDIA_VIDEO = 1

6.5.1.85 MediaMetadata

briar.briar_grpc.briar_pb2.MediaMetadata

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('MediaMetadata', (_message.Message,), {
2   'DESCRIPTOR' : _MEDIAMETADATA,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.MediaMetadata)
5 })
```

6.5.1.86 MediaType

briar.briar_grpc.briar_pb2.MediaType = enum_type_wrapper.EnumTypeWrapper(_MEDIATYPE)

6.5.1.87 message_type

briar.briar_grpc.briar_pb2.message_type

6.5.1.88 PICKLE

```
int briar.briar_grpc.briar_pb2.PICKLE = 6
```

6.5.1.89 READY

```
int briar.briar_grpc.briar_pb2.READY = 1
```

6.5.1.90 Record

```
briar.briar_grpc.briar_pb2.Record
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('Record', (_message.Message,), {
2   'DESCRIPTOR' : _RECORD,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.Record)
5 })
```

6.5.1.91 RecordList

```
briar.briar_grpc.briar_pb2.RecordList
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('RecordList', (_message.Message,), {
2   'DESCRIPTOR' : _RECORDLIST,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.RecordList)
5 })
```

6.5.1.92 SEARCH_AUTO_DETECTION

```
int briar.briar_grpc.briar_pb2.SEARCH_AUTO_DETECTION = 1
```

6.5.1.93 SEARCH_FULL_IMAGE

```
int briar.briar_grpc.briar_pb2.SEARCH_FULL_IMAGE = 0
```

6.5.1.94 SEARCH_PROVIDED_DETECTIONS

```
int briar.briar_grpc.briar_pb2.SEARCH_PROVIDED_DETECTIONS = 2
```

6.5.1.95 SEARCH_PROVIDED_TEMPLATES

```
int briar.briar_grpc.briar_pb2.SEARCH_PROVIDED_TEMPLATES = 3
```

6.5.1.96 SearchFlags

```
briar.briar_grpc.briar_pb2.SearchFlags = enum_type_wrapper.EnumTypeWrapper(_SEARCHFLAGS)
```

6.5.1.97 SearchOptions

```
briar.briar_grpc.briar_pb2.SearchOptions
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('SearchOptions', (_message.Message,), {
2   'DESCRIPTOR' : _SEARCHOPTIONS,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.SearchOptions)
5   })
```

6.5.1.98 STRING

```
int briar.briar_grpc.briar_pb2.STRING = 1
```

6.5.1.99 StringOption

```
briar.briar_grpc.briar_pb2.StringOption
```

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('StringOption', (_message.Message,), {
2   'DESCRIPTOR' : _STRINGOPTION,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.StringOption)
5   })
```


6.5.1.100 Template

briar.briar_grpc.briar_pb2.Template

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('Template', (_message.Message,), {
2   'DESCRIPTOR' : _TEMPLATE,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.Template)
5 })
```

6.5.1.101 TemplateIds

briar.briar_grpc.briar_pb2.TemplateIds

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('TemplateIds', (_message.Message,), {
2   'DESCRIPTOR' : _TEMPLATEIDS,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.TemplateIds)
5 })
```

6.5.1.102 TemplateImageInput

briar.briar_grpc.briar_pb2.TemplateImageInput

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('TemplateImageInput', (_message.Message,), {
2   'DESCRIPTOR' : _TEMPLATEIMAGEINPUT,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.TemplateImageInput)
5 })
```

6.5.1.103 TemplateList

briar.briar_grpc.briar_pb2.TemplateList

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('TemplateList', (_message.Message,), {
2   'DESCRIPTOR' : _TEMPLATELIST,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.TemplateList)
5 })
```

6.5.1.104 TemplateListGroup

briar.briar_grpc.briar_pb2.TemplateListGroup

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('TemplateListGroup', (_message.Message,), {
2   'DESCRIPTOR' : _TEMPLATELISTGROUP,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.TemplateListGroup)
5 })
```

6.5.1.105 TrackingOptions

briar.briar_grpc.briar_pb2.TrackingOptions

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('TrackingOptions', (_message.Message,), {
2   'DESCRIPTOR' : _TRACKINGOPTIONS,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.TrackingOptions)
5   })
```

6.5.1.106 Tracklet

briar.briar_grpc.briar_pb2.Tracklet

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('Tracklet', (_message.Message,), {
2   'DESCRIPTOR' : _TRACKLET,
3   '__module__' : 'briar.briar_grpc.briar_pb2'
4   # @@protoc_insertion_point(class_scope:briar.Tracklet)
5   })
```

6.5.1.107 UNKNOWN

int briar.briar_grpc.briar_pb2.UNKNOWN = 0

6.5.1.108 UNSPECIFIED

int briar.briar_grpc.briar_pb2.UNSPECIFIED = 0

6.5.1.109 VECTOR

int briar.briar_grpc.briar_pb2.VECTOR = 5

6.5.1.110 VERIFY_FULL_IMAGE

int briar.briar_grpc.briar_pb2.VERIFY_FULL_IMAGE = 0

6.5.1.111 VERIFY_PROVIDED_DETECTIONS

```
int briar.briar_grpc.briar_pb2.VERIFY_PROVIDED_DETECTIONS = 1
```

6.5.1.112 VERIFY_PROVIDED_TEMPLATES

```
int briar.briar_grpc.briar_pb2.VERIFY_PROVIDED_TEMPLATES = 2
```

6.5.1.113 VerifyFlags

```
briar.briar_grpc.briar_pb2.VerifyFlags = enum_type_wrapper.EnumTypeWrapper(_VERIFYFLAGS)
```

6.5.1.114 WHOLE_BODY

```
int briar.briar_grpc.briar_pb2.WHOLE_BODY = 1
```

6.5.1.115 XML

```
int briar.briar_grpc.briar_pb2.XML = 7
```

6.6 briar.briar_grpc.briar_pb2_grpc Namespace Reference

6.7 briar.briar_grpc.briar_service_pb2 Namespace Reference

Variables

- [ClusterReply](#)
- [ClusterRequest](#)
- [DatabaseCreateReply](#)
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- [StatusRequest](#)
- [TrackReply](#)
- [TrackRequest](#)
- [VerifyReply](#)
- [VerifyRequest](#)

6.7.1 Variable Documentation

6.7.1.1 ClusterReply

`briar.briar_grpc.briar_service_pb2.ClusterReply`

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('ClusterReply', (_message.Message,), {
2   'DESCRIPTOR' : _CLUSTERREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.ClusterReply)
5   })
```

6.7.1.2 ClusterRequest

briar.briar_grpc.briar_service_pb2.ClusterRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('ClusterRequest', (_message.Message,), {
2   'DESCRIPTOR' : _CLUSTERREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.ClusterRequest)
5 })
```

6.7.1.3 DatabaseCreateReply

briar.briar_grpc.briar_service_pb2.DatabaseCreateReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseCreateReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASECREATEREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseCreateReply)
5 })
```

6.7.1.4 DatabaseCreateRequest

briar.briar_grpc.briar_service_pb2.DatabaseCreateRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseCreateRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASECREATEREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseCreateRequest)
5 })
```

6.7.1.5 DatabaseDeleteReply

briar.briar_grpc.briar_service_pb2.DatabaseDeleteReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseDeleteReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEDELETEREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseDeleteReply)
5 })
```

6.7.1.6 DatabaseDeleteRequest

briar.briar_grpc.briar_service_pb2.DatabaseDeleteRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseDeleteRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEDELETEREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseDeleteRequest)
5 })
```

6.7.1.7 DatabaseFinalizeReply

briar.briar_grpc.briar_service_pb2.DatabaseFinalizeReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseFinalizeReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEFINALIZEREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseFinalizeReply)
5 })
```

6.7.1.8 DatabaseFinalizeRequest

briar.briar_grpc.briar_service_pb2.DatabaseFinalizeRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseFinalizeRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEFINALIZEREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseFinalizeRequest)
5 })
```

6.7.1.9 DatabaseInfoReply

briar.briar_grpc.briar_service_pb2.DatabaseInfoReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseInfoReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEINFOREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseInfoReply)
5 })
```

6.7.1.10 DatabaseInfoRequest

briar.briar_grpc.briar_service_pb2.DatabaseInfoRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseInfoRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEINFOREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseInfoRequest)
5 })
```

6.7.1.11 DatabaseInsertReply

briar.briar_grpc.briar_service_pb2.DatabaseInsertReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseInsertReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEINSERTREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseInsertReply)
5 })
```

6.7.1.12 DatabaseInsertRequest

briar.briar_grpc.briar_service_pb2.DatabaseInsertRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseInsertRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEINSERTREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseInsertRequest)
5 })
```

6.7.1.13 DatabaseListentriesReply

briar.briar_grpc.briar_service_pb2.DatabaseListentriesReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseListentriesReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASELISTENTRIESREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseListentriesReply)
5 })
```

6.7.1.14 DatabaseListEntriesRequest

briar.briar_grpc.briar_service_pb2.DatabaseListEntriesRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseListEntriesRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASELISTENTRIESREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseListEntriesRequest)
5 })
```

6.7.1.15 DatabaseListReply

briar.briar_grpc.briar_service_pb2.DatabaseListReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseListReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASELISTREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseListReply)
5 })
```

6.7.1.16 DatabaseListRequest

briar.briar_grpc.briar_service_pb2.DatabaseListRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseListRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASELISTREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseListRequest)
5 })
```

6.7.1.17 DatabaseLoadReply

briar.briar_grpc.briar_service_pb2.DatabaseLoadReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseLoadReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASELOADREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseLoadReply)
5 })
```

6.7.1.18 DatabaseLoadRequest

briar.briar_grpc.briar_service_pb2.DatabaseLoadRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseLoadRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASELOADREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseLoadRequest)
5 })
```

6.7.1.19 DatabaseMergeReply

briar.briar_grpc.briar_service_pb2.DatabaseMergeReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseMergeReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEMERGEREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseMergeReply)
5 })
```

6.7.1.20 DatabaseMergeRequest

briar.briar_grpc.briar_service_pb2.DatabaseMergeRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseMergeRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEMERGEREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseMergeRequest)
5 })
```

6.7.1.21 DatabaseRemoveTmplsReply

briar.briar_grpc.briar_service_pb2.DatabaseRemoveTmplsReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseRemoveTmplsReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEREMOVETMPLSREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseRemoveTmplsReply)
5 })
```


6.7.1.22 DatabaseRemoveTmplsRequest

briar.briar_grpc.briar_service_pb2.DatabaseRemoveTmplsRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseRemoveTmplsRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASEREMOVETMPLSREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseRemoveTmplsRequest)
5 })
```

6.7.1.23 DatabaseRenameReply

briar.briar_grpc.briar_service_pb2.DatabaseRenameReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseRenameReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASERENAMEREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseRenameReply)
5 })
```

6.7.1.24 DatabaseRenameRequest

briar.briar_grpc.briar_service_pb2.DatabaseRenameRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseRenameRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASERENAMEREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseRenameRequest)
5 })
```

6.7.1.25 DatabaseRetrieveReply

briar.briar_grpc.briar_service_pb2.DatabaseRetrieveReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseRetrieveReply', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASERETRIEVEREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseRetrieveReply)
5 })
```

6.7.1.26 DatabaseRetrieveRequest

briar.briar_grpc.briar_service_pb2.DatabaseRetrieveRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('DatabaseRetrieveRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DATABASERETRIEVEREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DatabaseRetrieveRequest)
5 })
```

6.7.1.27 DESCRIPTOR

briar.briar_grpc.briar_service_pb2.DESRIPTOR

Initial value:

```
1 = _descriptor.FileDescriptor(
2     name='briar/briar_grpc/briar_service.proto',
3     package='briar',
4     syntax='proto3',
5     serialized_options=b'\252\002\017briar.BriarGrpc',
6     create_key=_descriptor._internal_create_key,
7     serialized_pb=b'\n$Briar/briar_grpc/briar_service.proto\x12\x05\x62riar\x1a\"briar/briar_grpc/briar_error.proto\x1a\x10\x01(\t\"+\n\x11\x44\x61tabaseListReply\x12\x16\n\x0e\x64\x61tabase_names\x18\x01
\x03(\t\"V\n\x13\x44\x61tabaseInfoRequest\x12\x15\n\rdatabase_name\x18\x01
\x01(\t\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\" \n\x11\x44\x61tabaseInfoReply\x12&\n\x04info\x18\x01
\x01(\x0b\x32\x18.briar.BriarDatabaseInfo\x12\' \n\x08\x64uration\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12\x0e\n\x06\x65xists\x18\x03
\x01(\x08\"J\n\x1a\x44\x61tabaseListEntriesRequest\x12\x15\n\rdatabase_name\x18\x01
\x01(\t\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\" \n\x97\x01\n\x18\x44\x61tabaseListentriesReply\x12\x11\n\tentry_ids\x18\x01
\x03(\t\x12.\n\x10\x65ntry_attributes\x18\x02
\x03(\x0b\x32\x14.briar.FrameMetadata\x12(\n\tdurations\x18\x03
\x01(\x0b\x32\x15.briar.BriarDurations\x12\x0e\n\x06\x65xists\x18\x04
\x01(\x08\" \n\x0f\n\rStatusRequest\" \n\xdb\x01\n\x0bStatusReply\x12\x16\n\x0e\x64\x65veloper_name\x18\x01
\x01(\t\x12\x14\n\x0cservice_name\x18\x02 \x01(\t\x12\" \n\x07version\x18\x03
\x01(\x0b\x32\x11.briar.APIVersion\x12&\n\x0b\x61pi_version\x18\x06
\x01(\x0b\x32\x11.briar.APIVersion\x12)\n\x06status\x18\x04
\x01(\x0e\x32\x19.briar.BriarServiceStatus\x12\' \n\rconfiguration\x18\x05
\x03(\x0b\x32\x10.briar.Attribute\" \n\x9d\x01\n\x15\x44\x61tabaseCreateRequest\x12\x15\n\rdatabase_name\x18\x01
\x01(\t\x12\" \n\x05tpls\x18\x02 \x01(\x0b\x32\x13.briar.TemplateList\x12\x1f\n\x03ids\x18\x03
\x01(\x0b\x32\x12.briar.TemplateIds\x12(\n\tdurations\x18\x04
\x01(\x0b\x32\x15.briar.BriarDurations\" \n\x84\x01\n\x13\x44\x61tabaseCreateReply\x12\x1f\n\x03ids\x18\x01
\x01(\x0b\x32\x12.briar.TemplateIds\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12\" \n\x06\x65rrors\x18\x03
\x01(\x0b\x32\x12.briar.BriarErrors\" \n\x13\x44\x61tabaseLoadRequest\x12\x15\n\rdatabase_name\x18\x01
\x01(\t\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\" \n\xb6\x01\n\x11\x44\x61tabaseLoadReply\x12\x1f\n\x03ids\x18\x01
\x01(\x0b\x32\x12.briar.TemplateIds\x12\" \n\x07records\x18\x02
\x01(\x0b\x32\x11.briar.RecordList\x12(\n\tdurations\x18\x03
\x01(\x0b\x32\x15.briar.BriarDurations\x12\" \n\x06\x65rrors\x18\x04
\x01(\x0b\x32\x12.briar.BriarErrors\x12\x0e\n\x06\x65xists\x18\x05
\x01(\x08\" \n\xae\x01\n\x15\x44\x61tabaseInsertRequest\x12&\n\x08\x64\x61tabase\x18\x01
\x01(\x0b\x32\x14.briar.BriarDatabase\x12\" \n\x05tpls\x18\x02
\x01(\x0b\x32\x13.briar.TemplateList\x12\x1f\n\x03ids\x18\x03
\x01(\x0b\x32\x12.briar.TemplateIds\x12(\n\tdurations\x18\x04
\x01(\x0b\x32\x15.briar.BriarDurations\" \n\x94\x01\n\x13\x44\x61tabaseInsertReply\x12\x1f\n\x03ids\x18\x01
\x01(\x0b\x32\x12.briar.TemplateIds\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12\" \n\x06\x65rrors\x18\x03
\x01(\x0b\x32\x12.briar.BriarErrors\x12\x0e\n\x06\x65xists\x18\x04
\x01(\x08\" \n\x8f\x01\n\x1a\x44\x61tabaseRemoveTplRequest\x12&\n\x08\x64\x61tabase\x18\x01
\x01(\x0b\x32\x14.briar.BriarDatabase\x12\x1f\n\x03ids\x18\x02
\x01(\x0b\x32\x12.briar.TemplateIds\x12(\n\tdurations\x18\x03
\x01(\x0b\x32\x15.briar.BriarDurations\" \n\xh\n\x18\x44\x61tabaseRemoveTplReply\x12(\n\tdurations\x18\x01
\x01(\x0b\x32\x15.briar.BriarDurations\x12\" \n\x06\x65rrors\x18\x02
\x01(\x0b\x32\x12.briar.BriarErrors\" \n\x9c\x01\n\x14\x44\x61tabaseMergeRequest\x12+\n\rdatabase_list\x18\x01
\x03(\x0b\x32\x14.briar.BriarDatabase\x12-\n\x0foutput_database\x18\x02
\x01(\x0b\x32\x14.briar.BriarDatabase\x12(\n\tdurations\x18\x03
\x01(\x0b\x32\x15.briar.BriarDurations\" \n\x12\x44\x61tabaseMergeReply\x12(\n\tdurations\x18\x01
\x01(\x0b\x32\x15.briar.BriarDurations\x12\x13\n\x0b\x65ntry_count\x18\x02
\x01(\x03\x12\x12\x0e\n\x06\x65xists\x18\x04
\x03(\x08\" \n\xi\n\x15\x44\x61tabaseDeleteRequest\x12&\n\x08\x64\x61tabase\x18\x01
\x01(\x0b\x32\x14.briar.BriarDatabase\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\" \n\x88\x01\n\x13\x44\x61tabaseDeleteReply\x12(\n\tdurations\x18\x01
\x01(\x0b\x32\x15.briar.BriarDurations\x12\x13\n\x0b\x65ntry_count\x18\x02
\x01(\x03\x12\" \n\x06\x65rrors\x18\x03
\x01(\x0b\x32\x12.briar.BriarErrors\x12\x0e\n\x06\x65xists\x18\x04
\x01(\x08\" \n\xk\n\x15\x44\x61tabaseRenameRequest\x12&\n\x08\x64\x61tabase\x18\x01
\x01(\x0b\x32\x14.briar.BriarDatabase\x12*\n\x0c\x64\x61tabase_new\x18\x02
\x01(\x0b\x32\x14.briar.BriarDatabase\" \n\x13\x44\x61tabaseRenameReply\x12(\n\tdurations\x18\x01
\x01(\x0b\x32\x15.briar.BriarDurations\x12\" \n\x06\x65rrors\x18\x03
\x01(\x0b\x32\x12.briar.BriarErrors\x12\x0e\n\x06\x65xists\x18\x02
\x01(\x08\" \n\xfb\x01\n\rDetectRequest\x12 \n\x05media\x18\x01
\x01(\x0b\x32\x11.briar.BriarMedia\x12\r\n\x05\x66rame\x18\x02
\x01(\x05\x12\x12\n\nsubject_id\x18\x03 \x01(\t\x12\x10\n\x08media_id\x18\x04
\x01(\t\x12&\n\nentry_type\x18\x05 \x01(\x0e\x32\x10.briar.EntryType\x12\x12\n\nentry_name\x18\x06
\x01(\t\x12(\n\tdurations\x18\x07
\x01(\x0b\x32\x15.briar.BriarDurations\x12/\n\x0e\x64\x65tect_options\x18\x08
\x01(\x0b\x32\x17.briar.DetectionOptions\" \n\x93\x02\n\x0b\x44\x65tectReply\x12&\n\ndetections\x18\x01
\x03(\x0b\x32\x10.briar.Detection\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12\x10\n\x08\x66rame_id\x18\x03
\x01(\x03\x12*\n\x08modality\x18\x04
\x01(\x0e\x32\x18.briar.BiometricModality\x12\" \n\x06\x65rrors\x18\x05
\x01(\x0b\x32\x12.briar.BriarErrors\x12&\n\x08progress\x18\x06
```

```
\x01(\x0b\x32\x14.briar.BriarProgress\x12*\n\x0reference_media\x18\x07
\x01(\x0b\x32\x11.briar.BriarMedia\x12*\n\x0cTrackRequest\x12 \n\x05media\x18\x01
\x01(\x0b\x32\x11.briar.BriarMedia\x12\x12\n\nsubject_id\x18\x03
\x01(\t\x12\x14\n\x0csubject_name\x18\x04 \x01(\t\x12(\n\tdurations\x18\x05
\x01(\x0b\x32\x15.briar.BriarDurations\x12/\n\x0e\x64\x65tect_options\x18\x06
\x01(\x0b\x32\x17.briar.DetectionOptions\x12*\n\x0e\x01\n\nTrackReply\x12"\n\tracklets\x18\x01
\x03(\x0b\x32\x0f.briar.Tracklet\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12\x11\n\frame_ids\x18\x03
\x03(\x03\x12*\n\x08modality\x18\x05
\x01(\x0e\x32\x18.briar.BiometricModality\x12&\n\x08progress\x18\x06
\x01(\x0b\x32\x14.briar.BriarProgress\x12"\n\x06\x65rrors\x18\x07
\x01(\x0b\x32\x12.briar.BriarErrors\x12*\n\x0e\x01\n\nx45tractRequest\x12 \n\x05media\x18\x01
\x01(\x0b\x32\x11.briar.BriarMedia\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12$\n\ndetections\x18\x03
\x03(\x0b\x32\x10.briar.Detection\x12/\n\x0e\x64\x65tect_options\x18\x04
\x01(\x0b\x32\x17.briar.DetectionOptions\x12.\n\x0f\x65tract_options\x18\x05
\x01(\x0b\x32\x15.briar.ExtractOptions\x12*\n\x0c\x45tractReply\x12"\n\templates\x18\x01
\x03(\x0b\x32\x0f.briar.Template\x12$\n\ndetections\x18\x02
\x03(\x0b\x32\x10.briar.Detection\x12\x10\n\x08\x66frame_id\x18\x03
\x01(\x03\x12(\n\tdurations\x18\x04 \x01(\x0b\x32\x15.briar.BriarDurations\x12*\n\x08modality\x18\x05
\x01(\x0e\x32\x18.briar.BiometricModality\x12(\n\x0c\x64\x65tect_reply\x18\x06
\x01(\x0b\x32\x12.briar.DetectReply\x12&\n\x0btrack_reply\x18\x07
\x01(\x0b\x32\x11.briar.TrackReply\x12"\n\x06\x65rrors\x18\x08
\x01(\x0b\x32\x12.briar.BriarErrors\x12&\n\x08progress\x18\t
\x01(\x0b\x32\x14.briar.BriarProgress\x12*\n\x0c\x01\n\nx17\x44\x61tabaseRetrieveRequest\x12&\n\x08\x64\x61tabase\x18\x01
\x01(\x0b\x32\x14.briar.BriarDatabase\x12\x1f\n\x03ids\x18\x02
\x01(\x0b\x32\x12.briar.TemplateIds\x12(\n\tdurations\x18\x03
\x01(\x0b\x32\x15.briar.BriarDurations\x12*\n\x0b\x3\x01\n\nx15\x44\x61tabaseRetrieveReply\x12&\n\templates\x18\x01
\x01(\x0b\x32\x13.briar.TemplateList\x12$\n\x07records\x18\x02
\x01(\x0b\x32\x13.briar.TemplateList\x12(\n\tdurations\x18\x03
\x01(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65rrors\x18\x04
\x01(\x0b\x32\x12.briar.BriarErrors\x12*\n\x91\x04\n\nrEnrollRequest\x12 \n\x05media\x18\x01
\x01(\x0b\x32\x11.briar.BriarMedia\x12/\n\x05\x66frame\x18\x02
\x01(\x05\x12&\n\x08\x64\x61tabase\x18\x03
\x01(\x0b\x32\x14.briar.BriarDatabase\x12\x10\n\x08media_id\x18\x04
\x01(\t\x12\x12\n\nsubject_id\x18\x05 \x01(\t\x12\x14\n\x0csubject_name\x18\x06
\x01(\t\x12!\n\x06tracks\x18\x07 \x03(\x0b\x32\x11.briar.BriarTrack\x12'\n\x0b\x65nroll_flag\x18\x08
\x01(\x0e\x32\x12.briar.EnrollFlags\x12$\n\ndetections\x18\t
\x03(\x0b\x32\x10.briar.Detection\x12/\n\x08template\x18\n
\x01(\x0b\x32\x0f.briar.Template\x12\x1d\n\x06record\x18\x0b
\x01(\x0b\x32/r.briar.Record\x12(\n\tdurations\x18\x0c
\x01(\x0b\x32\x15.briar.BriarDurations\x12/\n\x0e\x64\x65tect_options\x18/r
\x01(\x0b\x32\x17.briar.DetectionOptions\x12.\n\x0f\x65tract_options\x18\x0e
\x01(\x0b\x32\x15.briar.ExtractOptions\x12,\n\x0e\x65nroll_options\x18\x0f
\x01(\x0b\x32\x14.briar.EnrollOptions\x12*\n\x0b\x02\n\nx0b\x45nrollReply\x12$\n\ndetections\x18\x01
\x03(\x0b\x32\x10.briar.Detection\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12\x10\n\x08\x66frame_id\x18\x03
\x01(\x03\x12(\n\x0c\x64\x65tect_reply\x18\x04
\x01(\x0b\x32\x12.briar.DetectReply\x12*\n\nretract_reply\x18\x05
\x01(\x0b\x32\x13.briar.ExtractReply\x12"\n\x06\x65rrors\x18\x06
\x01(\x0b\x32\x12.briar.BriarErrors\x12*\n\x0b\x65nrollments\x18\x07
\x03(\x0b\x32\x15.briar.EnrollmentInfo\x12&\n\x08progress\x18\x08
\x01(\x0b\x32\x14.briar.BriarProgress\x12*\n\x90\x03\n\nrVerifyRequest\x12,\n\x0reference_tmpls\x18\x01
\x01(\x0b\x32\x13.briar.TemplateList\x12/\n\x12verification_tmpls\x18\x02
\x01(\x0b\x32\x13.briar.TemplateList\x12*\n\x0reference_media\x18\x03
\x03(\x0b\x32\x11.briar.BriarMedia\x12-\n\x12verification_media\x18\x04
\x03(\x0b\x32\x11.briar.BriarMedia\x12(\n\x0reference_dets\x18\x05
\x03(\x0b\x32\x10.briar.Detection\x12+\n\x11verification_dets\x18\x06
\x03(\x0b\x32\x10.briar.Detection\x12(\n\tdurations\x18\x07
\x01(\x0b\x32\x15.briar.BriarDurations\x12 \n\x04\x66lag\x18\x08
\x01(\x0e\x32\x12.briar.VerifyFlags\x12"\n\x07\x63ontext\x18\t
\x01(\x0b\x32\x11.briar.EvalConfig\x12*\n\x83\x01\n\nx0bVerifyReply\x12&\n\x0csimilarities\x18\x01
\x01(\x0b\x32\x10.briar.MatchList\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65rrors\x18\x03
\x01(\x0b\x32\x12.briar.BriarErrors\x12*\n\x0c\x03\n\nrSearchRequest\x12 \n\x05media\x18\x01
\x01(\x0b\x32\x11.briar.BriarMedia\x12$\n\ndetections\x18\x02
\x03(\x0b\x32\x10.briar.Detection\x12#\n\x06probes\x18\x03
\x01(\x0b\x32\x13.briar.TemplateList\x12&\n\x08\x64\x61tabase\x18\x04
\x01(\x0b\x32\x14.briar.BriarDatabase\x12"\n\x07\x63ontext\x18\x05
\x01(\x0b\x32\x11.briar.EvalConfig\x12\x1d\n\x06record\x18\x06
\x01(\x0b\x32/r.briar.Record\x12,\n\x0eprobe_database\x18\x07
\x01(\x0b\x32\x14.briar.BriarDatabase\x12(\n\tdurations\x18\x08
\x01(\x0b\x32\x15.briar.BriarDurations\x12/\n\x0e\x64\x65tect_options\x18\t
\x01(\x0b\x32\x17.briar.DetectionOptions\x12.\n\x0f\x65tract_options\x18\n
\x01(\x0b\x32\x15.briar.ExtractOptions\x12,\n\x0esearch_options\x18\x0b
\x01(\x0b\x32\x14.briar.SearchOptions\x12*\n\xff\x02\n\nx0bSearchReply\x12&\n\x0csimilarities\x18\x01
\x03(\x0b\x32\x10.briar.MatchList\x12*\n\x10probe_detections\x18\x02
\x03(\x0b\x32\x10.briar.Detection\x12(\n\tdurations\x18\x03
\x03(\x0b\x32\x15.briar.BriarDurations\x12(\n\x0c\x64\x65tect_reply\x18\x04
\x01(\x0b\x32\x12.briar.DetectReply\x12*\n\nretract_reply\x18\x05
\x01(\x0b\x32\x13.briar.ExtractReply\x12&\n\x0bprobe_media\x18\x08
\x01(\x0b\x32\x11.briar.BriarMedia\x12(\n\x0cmatch_matrix\x18\t
\x01(\x0b\x32\x12.briar.BriarMatrix\x12"\n\x06\x65rrors\x18\x06
\x01(\x0b\x32\x12.briar.BriarErrors\x12&\n\x08progress\x18\x07
\x01(\x0b\x32\x14.briar.BriarProgress\x12*\n\x86\x01\n\nx0e\x43lusterRequest\x12&\n\x08\x64\x61tabase\x18\x01
\x01(\x0b\x32\x14.briar.BriarDatabase\x12"\n\x07\x63ontext\x18\x02
\x01(\x0b\x32\x11.briar.EvalConfig\x12(\n\tdurations\x18\x03
```

```

\01(\0b\32\15.briar.BriarDurations\\"\xe3\01\n\0c\43lusterReply\12&\n\0b\63luster_ids\18\01
\03(\0b\32\11.briar.ClusterIds\12\35\n\13\63luster_confidences\18\02
\03(\0b\32\18.briar.ClusterConfidence\12(\n\tdurations\18\03
\01(\0b\32\15.briar.BriarDurations\12\\"\n\06\65errors\18\04
\01(\0b\32\12.briar.BriarErrors\12&\n\08progress\18\05
\01(\0b\32\14.briar.BriarProgress\\"\xe5\01\n\0e\45nhanceRequest\12 \n\05media\18\01
\01(\0b\32\11.briar.BriarMedia\12\\"\n\08metadata\18\02
\03(\0b\32\10.briar.Attribute\12!\n\07options\18\03
\03(\0b\32\10.briar.Attribute\12\10\n\08\66rame_id\18\04
\01(\03\12(\n\tdurations\18\05
\01(\0b\32\15.briar.BriarDurations\12.\n\0f\65nhance_options\18\06
\01(\0b\32\15.briar.EnhanceOptions\\"\xa6\01\n\0c\45nhanceReply\12 \n\05media\18\01
\01(\0b\32\11.briar.BriarMedia\12(\n\tdurations\18\02
\01(\0b\32\15.briar.BriarDurations\12&\n\08progress\18\03
\01(\0b\32\14.briar.BriarProgress\12\\"\n\06\65errors\18\04
\01(\0b\32\12.briar.BriarErrors\A\n\17\44\61tabaseFinalizeRequest\12&\n\08\64\61tabase\18\01
\01(\0b\32\14.briar.BriarDatabase\en\15\44\61tabaseFinalizeReply\12(\n\tdurations\18\01
\01(\0b\32\15.briar.BriarDurations\12\\"\n\06\65errors\18\02
\01(\0b\32\12.briar.BriarErrors2\xaa\0c\n\0c\42RIARService\12\34\n\06status\12\14.briar.StatusRequest\1a\0
8 ,
9
dependencies=[briar_dot_briar__grpc_dot_briar__error__pb2.DESRIPTOR,briar_dot_briar__grpc_dot_briar__pb2.DESRIPTOR,]

```

6.7.1.28 DetectReply

briar.briar_grpc.briar_service_pb2.DetectReply

Initial value:

```

1 = _reflection.GeneratedProtocolMessageType('DetectReply', (_message.Message,), {
2   'DESCRIPTOR' : _DETECTREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DetectReply)
5 })

```

6.7.1.29 DetectRequest

briar.briar_grpc.briar_service_pb2.DetectRequest

Initial value:

```

1 = _reflection.GeneratedProtocolMessageType('DetectRequest', (_message.Message,), {
2   'DESCRIPTOR' : _DETECTREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.DetectRequest)
5 })

```

6.7.1.30 Empty

briar.briar_grpc.briar_service_pb2.Empty

Initial value:

```

1 = _reflection.GeneratedProtocolMessageType('Empty', (_message.Message,), {
2   'DESCRIPTOR' : _EMPTY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.Empty)
5 })

```

6.7.1.31 EnhanceReply

briar.briar_grpc.briar_service_pb2.EnhanceReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('EnhanceReply', (_message.Message,), {
2   'DESCRIPTOR' : _ENHANCEREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.EnhanceReply)
5 })
```

6.7.1.32 EnhanceRequest

briar.briar_grpc.briar_service_pb2.EnhanceRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('EnhanceRequest', (_message.Message,), {
2   'DESCRIPTOR' : _ENHANCEREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.EnhanceRequest)
5 })
```

6.7.1.33 EnrollReply

briar.briar_grpc.briar_service_pb2.EnrollReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('EnrollReply', (_message.Message,), {
2   'DESCRIPTOR' : _ENROLLREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.EnrollReply)
5 })
```

6.7.1.34 EnrollRequest

briar.briar_grpc.briar_service_pb2.EnrollRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('EnrollRequest', (_message.Message,), {
2   'DESCRIPTOR' : _ENROLLREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.EnrollRequest)
5 })
```

6.7.1.35 enum_type

briar.briar_grpc.briar_service_pb2.enum_type

6.7.1.36 ExtractReply

briar.briar_grpc.briar_service_pb2.ExtractReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('ExtractReply', (_message.Message,), {
2   'DESCRIPTOR' : _EXTRACTREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.ExtractReply)
5 })
```

6.7.1.37 ExtractRequest

briar.briar_grpc.briar_service_pb2.ExtractRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('ExtractRequest', (_message.Message,), {
2   'DESCRIPTOR' : _EXTRACTREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.ExtractRequest)
5 })
```

6.7.1.38 message_type

briar.briar_grpc.briar_service_pb2.message_type

6.7.1.39 SearchReply

briar.briar_grpc.briar_service_pb2.SearchReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('SearchReply', (_message.Message,), {
2   'DESCRIPTOR' : _SEARCHREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.SearchReply)
5 })
```

6.7.1.40 SearchRequest

briar.briar_grpc.briar_service_pb2.SearchRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('SearchRequest', (_message.Message,), {
2   'DESCRIPTOR' : _SEARCHREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.SearchRequest)
5 })
```

6.7.1.41 StatusReply

briar.briar_grpc.briar_service_pb2.StatusReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('StatusReply', (_message.Message,), {
2   'DESCRIPTOR' : _STATUSREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.StatusReply)
5 })
```

6.7.1.42 StatusRequest

briar.briar_grpc.briar_service_pb2.StatusRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('StatusRequest', (_message.Message,), {
2   'DESCRIPTOR' : _STATUSREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.StatusRequest)
5 })
```

6.7.1.43 TrackReply

briar.briar_grpc.briar_service_pb2.TrackReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('TrackReply', (_message.Message,), {
2   'DESCRIPTOR' : _TRACKREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.TrackReply)
5 })
```

6.7.1.44 TrackRequest

briar.briar_grpc.briar_service_pb2.TrackRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('TrackRequest', (_message.Message,), {
2   'DESCRIPTOR' : _TRACKREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.TrackRequest)
5 })
```

6.7.1.45 VerifyReply

briar.briar_grpc.briar_service_pb2.VerifyReply

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('VerifyReply', (_message.Message,), {
2   'DESCRIPTOR' : _VERIFYREPLY,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.VerifyReply)
5 })
```

6.7.1.46 VerifyRequest

briar.briar_grpc.briar_service_pb2.VerifyRequest

Initial value:

```
1 = _reflection.GeneratedProtocolMessageType('VerifyRequest', (_message.Message,), {
2   'DESCRIPTOR' : _VERIFYREQUEST,
3   '__module__' : 'briar.briar_grpc.briar_service_pb2'
4   # @@protoc_insertion_point(class_scope:briar.VerifyRequest)
5   })
```

6.8 briar.briar_grpc.briar_service_pb2_grpc Namespace Reference

Classes

- class [BRIARService](#)
- class [BRIARServiceServicer](#)
- class [BRIARServiceStub](#)

Functions

- def [add_BRIARServiceServicer_to_server](#) (servicer, server)

6.8.1 Function Documentation

6.8.1.1 add_BRIARServiceServicer_to_server()

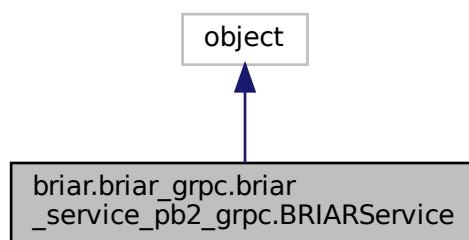
```
def briar.briar_grpc.briar_service_pb2_grpc.add_BRIARServiceServicer_to_server (
    servicer,
    server )
```


Chapter 7

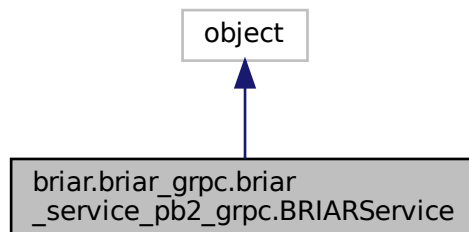
Class Documentation

7.1 `briar.briar_grpc.briar_service_pb2_grpc.BRIARService` Class Reference

Inheritance diagram for `briar.briar_grpc.briar_service_pb2_grpc.BRIARService`:



Collaboration diagram for `briar.briar_grpc.briar_service_pb2_grpc.BRIARService`:



Static Public Member Functions

- def [cluster](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_compute_score_matrix](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_create](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_delete](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_finalize](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_info](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_insert](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_list](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_list_entries](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_load](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_merge](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_remove_templates](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_rename](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [database_retrieve](#) (request_iterator, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [detect](#) (request_iterator, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [enhance](#) (request_iterator, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [enroll](#) (request_iterator, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [extract](#) (request_iterator, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [search](#) (request_iterator, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [status](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [track](#) (request_iterator, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)
- def [verify](#) (request, target, options=(), channel_credentials=None, call_credentials=None, insecure=False, compression=None, wait_for_ready=None, timeout=None, metadata=None)

7.1.1 Detailed Description

BRAIR solutions will be implemented as gRPC services. gRPC provides a well defined network interface that allows light-weight clients to submit requests to heavy-weight servers that are running BRIAR algorithms. Solutions on both the client and server side may be implemented on many hardware platforms and in many common programming languages allowing flexibility in how solutions are

implemented.

When compiled the BRIAR API protobuf specification will produce server and client stubs. On the server side solutions will have to implement functions to process detections, enrollments, searches, verifications, and database management functions. These functions will be exposed through a single network port which allows containerizing the solutions and starting up the service relatively straight forward.

Client side interfaces will allow easy connections to the service. Stubs are provide that will allow remote function calls where the generated code will handle the details of format and transmitting function requests and responses. gRPC also provides support for additional capabilities such as non-blocking asynchronous calls as well as the ability to stream data to and from the service.

7.1.2 Member Function Documentation

7.1.2.1 cluster()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.cluster (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.2 database_compute_score_matrix()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_compute_score_matrix (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.3 database_create()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_create (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.4 database_delete()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_delete (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.5 database_finalize()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_finalize (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.6 database_info()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_info (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.7 database_insert()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_insert (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.8 database_list()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_list (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.9 database_list_entries()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_list_entries (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.10 database_load()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_load (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.11 database_merge()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_merge (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.12 database_remove_templates()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_remove_templates (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.13 database_rename()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_rename (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.14 database_retrieve()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_retrieve (
    request_iterator,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.15 detect()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.detect (
    request_iterator,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.16 enhance()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.enhance (
    request_iterator,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.17 enroll()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.enroll (
    request_iterator,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```


7.1.2.18 extract()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.extract (
    request_iterator,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.19 search()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.search (
    request_iterator,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.20 status()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.status (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.21 track()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.track (
    request_iterator,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

7.1.2.22 verify()

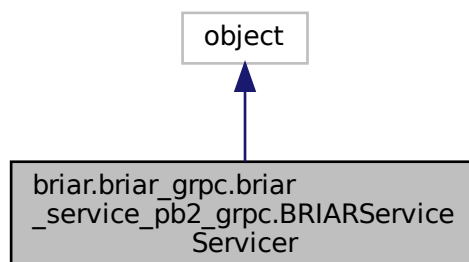
```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.verify (
    request,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]
```

The documentation for this class was generated from the following file:

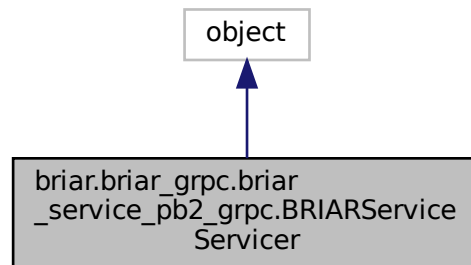
- /home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_service_pb2_grpc.py

7.2 briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer Class Reference

Inheritance diagram for `briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer`:



Collaboration diagram for briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer:



Public Member Functions

- def [cluster](#) (self, request, context)
- def [database_compute_score_matrix](#) (self, request, context)
- def [database_create](#) (self, request, context)
- def [database_delete](#) (self, request, context)
- def [database_finalize](#) (self, request, context)
- def [database_info](#) (self, request, context)
- def [database_insert](#) (self, request, context)
- def [database_list](#) (self, request, context)
- def [database_list_entries](#) (self, request, context)
- def [database_load](#) (self, request, context)
- def [database_merge](#) (self, request, context)
- def [database_remove_templates](#) (self, request, context)
- def [database_rename](#) (self, request, context)
- def [database_retrieve](#) (self, request_iterator, context)
- def [detect](#) (self, request_iterator, context)
- def [enhance](#) (self, request_iterator, context)
- def [enroll](#) (self, request_iterator, context)
- def [extract](#) (self, request_iterator, context)
- def [search](#) (self, request_iterator, context)
- def [status](#) (self, request, context)
- def [track](#) (self, request_iterator, context)
- def [verify](#) (self, request, context)

7.2.1 Detailed Description

BRAIR solutions will be implemented as gRPC services. gRPC provides a well defined network interface that allows light-weight clients to submit requests to heavy-weight servers that are running BRIAR algorithms. Solutions on both the client and server side may be implemented on many hardware platforms and in many common programming languages allowing flexibility in how solutions are implemented.

When compiled the BRIAR API protobuf specification will produce server and client stubs. On the server side solutions will have to implement functions to process detections, enrollments, searches, verifications, and database

management functions. These functions will be exposed through a single network port which allows containerizing the solutions and starting up the service relatively straight forward.

Client side interfaces will allow easy connections to the service. Stubs are provide that will allow remote function calls where the generated code will handle the details of format and transmitting function requests and responses. gRPC also provides support for additional capabilities such as non-blocking asynchronous calls as well as the ability to stream data to and from the service.

7.2.2 Member Function Documentation

7.2.2.1 cluster()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.cluster (
    self,
    request,
    context )
```

OPTIONAL Cluster templates in an unstructured database to group templates by identity.

7.2.2.2 database_compute_score_matrix()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_compute_score_matrix
(
    self,
    request,
    context )
```

OPTIONAL Given two database names compute a score matrix of size databaseA X databaseB. The matrix may be used for testing, analysis, client side clustering, etc. This may needed to be implemented to support evaluations in the future.

7.2.2.3 database_create()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_create (
    self,
    request,
    context )
```

REQUIRED Create and initialize a database on the server. This should prepare the database to receive enrollment requests.

7.2.2.4 database_delete()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_delete (
    self,
    request,
    context )
```

REQUIRED Delete a database on the server. This should remove the database and remove associated storage.

7.2.2.5 database_finalize()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_finalize (
    self,
    request,
    context )
```

REQUIRED Called after all individuals have been enrolled. Conduct any analysis of the database entries as needed or optimize for fast verification or search.

7.2.2.6 database_info()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_info (
    self,
    request,
    context )
```

REQUIRED Return the associated summary information of a specific database.

7.2.2.7 database_insert()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_insert (
    self,
    request,
    context )
```

REQUIRED Clients can insert templates directly into a database for database management purposes.

7.2.2.8 database_list()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_list (
    self,
    request,
    context )
```

REQUIRED List the names of the galleries on this service.

7.2.2.9 database_list_entries()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_list_entries (
    self,
    request,
    context )
```

REQUIRED List the enrollments and associated metadata in the database.

7.2.2.10 database_load()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_load (
    self,
    request,
    context )
```

REQUIRED Load database by name onto the server running the service.

7.2.2.11 database_merge()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_merge (
    self,
    request,
    context )
```

REQUIRED Merge a set of databases into a single database.

7.2.2.12 database_remove_templates()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_remove_templates (
    self,
    request,
    context )
```

REQUIRED Templates and associated records are deleted from a database.

7.2.2.13 database_rename()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_rename (
    self,
    request,
    context )
```

REQUIRED Delete a database on the server. This should remove the database and remove associated storage.

7.2.2.14 database_retrieve()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.database_retrieve (
    self,
    request_iterator,
    context )
```

REQUIRED Clients can retrieve templates with metadata from a database for client side storage, processing, back

7.2.2.15 detect()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.detect (
    self,
    request_iterator,
    context )
```

REQUIRED Run detection on a media. Optionally this can also run attribute classification and template extraction. Implementation should be similar to enroll but with nothing stored in a database.

7.2.2.16 `enhance()`

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.enhance (
    self,
    request_iterator,
    context )
```

OPTIONAL Enhance a media stream. This takes a media stream as an input and return a media stream of enhanced v

7.2.2.17 `enroll()`

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.enroll (
    self,
    request_iterator,
    context )
```

REQUIRED Detect and extracts templates from media and enrolls the results in a database

7.2.2.18 `extract()`

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.extract (
    self,
    request_iterator,
    context )
```

REQUIRED Run feature extraction on the provided detection.

7.2.2.19 `search()`

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.search (
    self,
    request_iterator,
    context )
```

REQUIRED Use provided template ids to search a database for that person. Return a rank ordered list of results with scores.

7.2.2.20 status()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.status (
    self,
    request,
    context )
```

REQUIRED Check service status. After connecting clients should typically call this function to insure that the service is in the READY state.

7.2.2.21 track()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.track (
    self,
    request_iterator,
    context )
```

OPTIONAL To run tracking on video media.

7.2.2.22 verify()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer.verify (
    self,
    request,
    context )
```

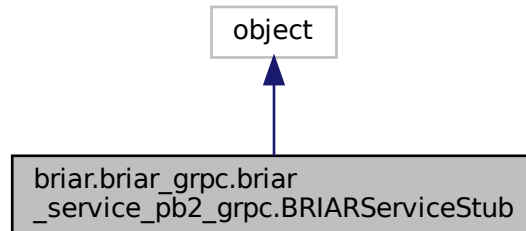
REQUIRED Compare two template ids and verify if they are the same person.

The documentation for this class was generated from the following file:

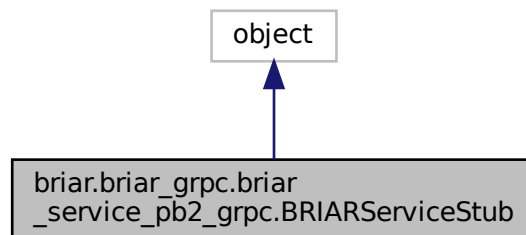
- [/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_service_pb2_grpc.py](#)

7.3 briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub Class Reference

Inheritance diagram for briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub:



Collaboration diagram for briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub:



Public Member Functions

- `def __init__ (self, channel)`

Public Attributes

- [cluster](#)
- [database_compute_score_matrix](#)
- [database_create](#)
- [database_delete](#)
- [database_finalize](#)
- [database_info](#)
- [database_insert](#)
- [database_list](#)

- [database_list_entries](#)
- [database_load](#)
- [database_merge](#)
- [database_remove_templates](#)
- [database_rename](#)
- [database_retrieve](#)
- [detect](#)
- [enhance](#)
- [enroll](#)
- [extract](#)
- [search](#)
- [status](#)
- [track](#)
- [verify](#)

7.3.1 Detailed Description

BRAIR solutions will be implemented as gRPC services. gRPC provides a well defined network interface that allows light-weight clients to submit requests to heavy-weight servers that are running BRIAR algorithms. Solutions on both the client and server side may be implemented on many hardware platforms and in many common programming languages allowing flexibility in how solutions are implemented.

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Client side interfaces will allow easy connections to the service. Stubs are provide that will allow remote function calls where the generated code will handle the details of format and transmitting function requests and responses. gRPC also provides support for additional capabilities such as non-blocking asynchronous calls as well as the ability to stream data to and from the service.

7.3.2 Constructor & Destructor Documentation

7.3.2.1 `__init__()`

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.__init__ (
    self,
    channel )
```

Constructor.

Args:
channel: A `grpc.Channel`.

7.3.3 Member Data Documentation

7.3.3.1 cluster

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.cluster`

7.3.3.2 database_compute_score_matrix

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_compute_score_matrix`

7.3.3.3 database_create

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_create`

7.3.3.4 database_delete

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_delete`

7.3.3.5 database_finalize

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_finalize`

7.3.3.6 database_info

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_info`

7.3.3.7 database_insert

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_insert`

7.3.3.8 database_list

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_list`

7.3.3.9 database_list_entries

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_list_entries

7.3.3.10 database_load

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_load

7.3.3.11 database_merge

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_merge

7.3.3.12 database_remove_templates

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_remove_templates

7.3.3.13 database_rename

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_rename

7.3.3.14 database_retrieve

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_retrieve

7.3.3.15 detect

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.detect

7.3.3.16 enhance

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.enhance

7.3.3.17 enroll

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.enroll
```

7.3.3.18 extract

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.extract
```

7.3.3.19 search

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.search
```

7.3.3.20 status

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.status
```

7.3.3.21 track

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.track
```

7.3.3.22 verify

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.verify
```

The documentation for this class was generated from the following file:

- [/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_service_pb2_grpc.py](#)

Chapter 8

File Documentation

8.1 `/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/__init__`↔ _.py File Reference

Namespaces

- [briar.briar_grpc](#)

8.2 `/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_`↔ error_pb2.py File Reference

Namespaces

- [briar.briar_grpc.briar_error_pb2](#)

Variables

- [int briar.briar_grpc.briar_error_pb2.BRIAR_BAD_ARGUMENT = 9](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_BAD_LICENSE = 6](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_BAD_SDK_CONFIG = 5](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_BATCH_ABORTED_EARLY = 25](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_BATCH_FINISHED_WITH_ERRORS = 26](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_CALLBACK_EXIT_IMMEDIATELY = 27](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_DUPLICATE_ID = 19](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_FAILURE_TO_DESERIALIZE = 24](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_FAILURE_TO_SERIALIZE = 23](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_INCORRECT_ROLE = 22](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_INTERNAL_ERROR = 2](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_INVALID_ATTRIBUTE_KEY = 17](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_INVALID_GPU = 8](#)
- [int briar.briar_grpc.briar_error_pb2.BRIAR_INVALID_MEDIA = 14](#)

- `int briar.briar_grpc.briar_error_pb2.BRIAR_INVALID_SDK_PATH = 4`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_MEDIA_AT_END = 16`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_MISSING_ATTRIBUTE = 18`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_MISSING_DATA = 7`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_MISSING_FILE_NAME = 21`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_MISSING_ID = 20`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_NOT_IMPLEMENTED = 28`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_NUM_ERRORS = 29`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_OPEN_ERROR = 10`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_OUT_OF_BOUNDS_ACCESS = 15`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_OUT_OF_MEMORY = 3`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_PARSE_ERROR = 13`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_READ_ERROR = 11`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_SUCCESS = 0`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_UNKNOWN_ERROR = 1`
- `int briar.briar_grpc.briar_error_pb2.BRIAR_WRITE_ERROR = 12`
- `briar.briar_grpc.briar_error_pb2.BriarError = enum_type_wrapper.EnumTypeWrapper(_BRIARERROR)`
- `briar.briar_grpc.briar_error_pb2.BriarErrorMessage`
- `briar.briar_grpc.briar_error_pb2.BriarErrors`
- `briar.briar_grpc.briar_error_pb2.DESRIPTOR`
- `briar.briar_grpc.briar_error_pb2.enum_type`

8.3 `/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_error_pb2_grpc.py` File Reference

Namespaces

- `briar.briar_grpc.briar_error_pb2_grpc`

8.4 `/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_error_pb2.py` File Reference

Namespaces

- `briar.briar_grpc.briar_pb2`

Variables

- `int briar.briar_grpc.briar_pb2.AbortEarly = 0`
- `briar.briar_grpc.briar_pb2.AccessRecord`
- `briar.briar_grpc.briar_pb2.APIVersion`
- `briar.briar_grpc.briar_pb2.Attribute`
- `briar.briar_grpc.briar_pb2.BatchPolicy = enum_type_wrapper.EnumTypeWrapper(_BATCHPOLICY)`
- `briar.briar_grpc.briar_pb2.BiometricModality = enum_type_wrapper.EnumTypeWrapper(_BIOMETRICMODALITY)`
- `briar.briar_grpc.briar_pb2.BoolOption`

- [briar.briar_grpc.briar_pb2.BriarDatabase](#)
- [briar.briar_grpc.briar_pb2.BriarDatabaseInfo](#)
- [briar.briar_grpc.briar_pb2.BriarDataType](#) = [enum_type_wrapper.EnumTypeWrapper](#)([_BRIARDATATYPE](#))
- [int briar.briar_grpc.briar_pb2.BriarDouble](#) = 9
- [briar.briar_grpc.briar_pb2.BriarDuration](#)
- [briar.briar_grpc.briar_pb2.BriarDurations](#)
- [briar.briar_grpc.briar_pb2.BriarDurationsList](#)
- [int briar.briar_grpc.briar_pb2.BriarFloat](#) = 8
- [briar.briar_grpc.briar_pb2.BriarGalleryInfo](#)
- [briar.briar_grpc.briar_pb2.BriarGalleryList](#)
- [int briar.briar_grpc.briar_pb2.BriarInt16](#) = 1
- [int briar.briar_grpc.briar_pb2.BriarInt32](#) = 2
- [int briar.briar_grpc.briar_pb2.BriarInt64](#) = 3
- [int briar.briar_grpc.briar_pb2.BriarInt8](#) = 0
- [briar.briar_grpc.briar_pb2.BriarMatrix](#)
- [briar.briar_grpc.briar_pb2.BriarMedia](#)
- [briar.briar_grpc.briar_pb2.BriarPoint2D](#)
- [briar.briar_grpc.briar_pb2.BriarProgress](#)
- [briar.briar_grpc.briar_pb2.BriarRect](#)
- [briar.briar_grpc.briar_pb2.BriarServiceStatus](#) = [enum_type_wrapper.EnumTypeWrapper](#)([_BRIARSERVICESTATUS](#))
- [briar.briar_grpc.briar_pb2.BriarTrack](#)
- [int briar.briar_grpc.briar_pb2.BriarUInt16](#) = 5
- [int briar.briar_grpc.briar_pb2.BriarUInt32](#) = 6
- [int briar.briar_grpc.briar_pb2.BriarUInt64](#) = 7
- [int briar.briar_grpc.briar_pb2.BriarUInt8](#) = 4
- [briar.briar_grpc.briar_pb2.BriarVector](#)
- [int briar.briar_grpc.briar_pb2.BUSY](#) = 3
- [int briar.briar_grpc.briar_pb2.BYTES](#) = 4
- [int briar.briar_grpc.briar_pb2.Cluster](#) = 4
- [briar.briar_grpc.briar_pb2.ClusterConfidence](#)
- [briar.briar_grpc.briar_pb2.ClusterIds](#)
- [briar.briar_grpc.briar_pb2.containing_type](#)
- [briar.briar_grpc.briar_pb2.DESCRITOR](#)
- [int briar.briar_grpc.briar_pb2.DetectAll](#) = 0
- [int briar.briar_grpc.briar_pb2.DetectBest](#) = 2
- [briar.briar_grpc.briar_pb2.Detection](#)
- [briar.briar_grpc.briar_pb2.DetectionOptions](#)
- [briar.briar_grpc.briar_pb2.DetectionPolicy](#) = [enum_type_wrapper.EnumTypeWrapper](#)([_DETECTIONPOLICY](#))
- [int briar.briar_grpc.briar_pb2.DetectLargest](#) = 1
- [int briar.briar_grpc.briar_pb2.EMPTY](#) = 0
- [briar.briar_grpc.briar_pb2.EnhanceOptions](#)
- [int briar.briar_grpc.briar_pb2.ENROLL_AUTO_DETECTION](#) = 1
- [int briar.briar_grpc.briar_pb2.ENROLL_FULL_IMAGE](#) = 0
- [int briar.briar_grpc.briar_pb2.ENROLL_PROVIDED_DETECTION](#) = 2
- [int briar.briar_grpc.briar_pb2.ENROLL_PROVIDED_TEMPLATE](#) = 3
- [briar.briar_grpc.briar_pb2.EnrollFlags](#) = [enum_type_wrapper.EnumTypeWrapper](#)([_ENROLLFLAGS](#))
- [briar.briar_grpc.briar_pb2.EnrollmentInfo](#)
- [briar.briar_grpc.briar_pb2.EnrollmentType](#) = [enum_type_wrapper.EnumTypeWrapper](#)([_ENROLLMENTTYPE](#))
- [briar.briar_grpc.briar_pb2.EnrollOptions](#)
- [int briar.briar_grpc.briar_pb2.ENTRY_TYPE_MEDIA](#) = 2
- [int briar.briar_grpc.briar_pb2.ENTRY_TYPE_SUBJECT](#) = 1
- [int briar.briar_grpc.briar_pb2.ENTRY_TYPE_UNKNOWN](#) = 0

- `briar.briar_grpc.briar_pb2.EntryType` = `enum_type_wrapper.EnumTypeWrapper(_ENTRYTYPE)`
- `briar.briar_grpc.briar_pb2.enum_type`
- `int briar.briar_grpc.briar_pb2.ERROR` = 2
- `briar.briar_grpc.briar_pb2.EvalConfig`
- `int briar.briar_grpc.briar_pb2.EXTRACT_AUTO_DETECTION` = 1
- `int briar.briar_grpc.briar_pb2.EXTRACT_FULL_IMAGE` = 0
- `int briar.briar_grpc.briar_pb2.EXTRACT_PROVIDED_DETECTION` = 2
- `briar.briar_grpc.briar_pb2.ExtractFlags` = `enum_type_wrapper.EnumTypeWrapper(_EXTRACTFLAGS)`
- `briar.briar_grpc.briar_pb2.ExtractOptions`
- `int briar.briar_grpc.briar_pb2.FACE` = 2
- `briar.briar_grpc.briar_pb2.FeatureVectorType` = `enum_type_wrapper.EnumTypeWrapper(_FEATUREVECTORTYPE)`
- `int briar.briar_grpc.briar_pb2.FlagAndFinish` = 1
- `int briar.briar_grpc.briar_pb2.FLOAT` = 3
- `briar.briar_grpc.briar_pb2.FloatOption`
- `briar.briar_grpc.briar_pb2.FrameMetadata`
- `int briar.briar_grpc.briar_pb2.GAIT` = 3
- `briar.briar_grpc.briar_pb2.ImageDetectionList`
- `briar.briar_grpc.briar_pb2.ImageDetectionListGroup`
- `int briar.briar_grpc.briar_pb2.INT` = 2
- `briar.briar_grpc.briar_pb2.IntOption`
- `int briar.briar_grpc.briar_pb2.JSON` = 8
- `briar.briar_grpc.briar_pb2.MatchInfo`
- `briar.briar_grpc.briar_pb2.MatchList`
- `int briar.briar_grpc.briar_pb2.MEDIA_IMAGE` = 0
- `int briar.briar_grpc.briar_pb2.MEDIA_VIDEO` = 1
- `briar.briar_grpc.briar_pb2.MediaMetadata`
- `briar.briar_grpc.briar_pb2.MediaType` = `enum_type_wrapper.EnumTypeWrapper(_MEDIATYPE)`
- `briar.briar_grpc.briar_pb2.message_type`
- `int briar.briar_grpc.briar_pb2.PICKLE` = 6
- `int briar.briar_grpc.briar_pb2.READY` = 1
- `briar.briar_grpc.briar_pb2.Record`
- `briar.briar_grpc.briar_pb2.RecordList`
- `int briar.briar_grpc.briar_pb2.SEARCH_AUTO_DETECTION` = 1
- `int briar.briar_grpc.briar_pb2.SEARCH_FULL_IMAGE` = 0
- `int briar.briar_grpc.briar_pb2.SEARCH_PROVIDED_DETECTIONS` = 2
- `int briar.briar_grpc.briar_pb2.SEARCH_PROVIDED_TEMPLATES` = 3
- `briar.briar_grpc.briar_pb2.SearchFlags` = `enum_type_wrapper.EnumTypeWrapper(_SEARCHFLAGS)`
- `briar.briar_grpc.briar_pb2.SearchOptions`
- `int briar.briar_grpc.briar_pb2.STRING` = 1
- `briar.briar_grpc.briar_pb2.StringOption`
- `briar.briar_grpc.briar_pb2.Template`
- `briar.briar_grpc.briar_pb2.TemplateIds`
- `briar.briar_grpc.briar_pb2.TemplateImageInput`
- `briar.briar_grpc.briar_pb2.TemplateList`
- `briar.briar_grpc.briar_pb2.TemplateListGroup`
- `briar.briar_grpc.briar_pb2.TrackingOptions`
- `briar.briar_grpc.briar_pb2.Tracklet`
- `int briar.briar_grpc.briar_pb2.UNKNOWN` = 0
- `int briar.briar_grpc.briar_pb2.UNSPECIFIED` = 0
- `int briar.briar_grpc.briar_pb2.VECTOR` = 5
- `int briar.briar_grpc.briar_pb2.VERIFY_FULL_IMAGE` = 0
- `int briar.briar_grpc.briar_pb2.VERIFY_PROVIDED_DETECTIONS` = 1
- `int briar.briar_grpc.briar_pb2.VERIFY_PROVIDED_TEMPLATES` = 2
- `briar.briar_grpc.briar_pb2.VerifyFlags` = `enum_type_wrapper.EnumTypeWrapper(_VERIFYFLAGS)`
- `int briar.briar_grpc.briar_pb2.WHOLE_BODY` = 1
- `int briar.briar_grpc.briar_pb2.XML` = 7

8.5 /home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_pb2_grpc.py File Reference

Namespaces

- [briar.briar_grpc.briar_pb2_grpc](#)

8.6 /home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_service_pb2.py File Reference

Namespaces

- [briar.briar_grpc.briar_service_pb2](#)

Variables

- [briar.briar_grpc.briar_service_pb2.ClusterReply](#)
- [briar.briar_grpc.briar_service_pb2.ClusterRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseCreateReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseCreateRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseDeleteReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseDeleteRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseFinalizeReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseFinalizeRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseInfoReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseInfoRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseInsertReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseInsertRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseListentriesReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseListEntriesRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseListReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseListRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseLoadReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseLoadRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseMergeReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseMergeRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseRemoveTmpIsReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseRemoveTmpIsRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseRenameReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseRenameRequest](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseRetrieveReply](#)
- [briar.briar_grpc.briar_service_pb2.DatabaseRetrieveRequest](#)
- [briar.briar_grpc.briar_service_pb2.DESCRITOR](#)
- [briar.briar_grpc.briar_service_pb2.DetectReply](#)
- [briar.briar_grpc.briar_service_pb2.DetectRequest](#)
- [briar.briar_grpc.briar_service_pb2.Empty](#)
- [briar.briar_grpc.briar_service_pb2.EnhanceReply](#)

- [briar.briar_grpc.briar_service_pb2.EnhanceRequest](#)
- [briar.briar_grpc.briar_service_pb2.EnrollReply](#)
- [briar.briar_grpc.briar_service_pb2.EnrollRequest](#)
- [briar.briar_grpc.briar_service_pb2.enum_type](#)
- [briar.briar_grpc.briar_service_pb2.ExtractReply](#)
- [briar.briar_grpc.briar_service_pb2.ExtractRequest](#)
- [briar.briar_grpc.briar_service_pb2.message_type](#)
- [briar.briar_grpc.briar_service_pb2.SearchReply](#)
- [briar.briar_grpc.briar_service_pb2.SearchRequest](#)
- [briar.briar_grpc.briar_service_pb2.StatusReply](#)
- [briar.briar_grpc.briar_service_pb2.StatusRequest](#)
- [briar.briar_grpc.briar_service_pb2.TrackReply](#)
- [briar.briar_grpc.briar_service_pb2.TrackRequest](#)
- [briar.briar_grpc.briar_service_pb2.VerifyReply](#)
- [briar.briar_grpc.briar_service_pb2.VerifyRequest](#)

8.7 [/home/2r6/Projects/briar/briar-api/lib/python/briar/briar_grpc/briar_service_pb2_grpc.py](#) File Reference

Classes

- class [briar.briar_grpc.briar_service_pb2_grpc.BRIARService](#)
- class [briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer](#)
- class [briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub](#)

Namespaces

- [briar.briar_grpc.briar_service_pb2_grpc](#)

Functions

- def [briar.briar_grpc.briar_service_pb2_grpc.add_BRIARServiceServicer_to_server](#) (servicer, server)

8.8 [stubs_readme.md](#) File Reference

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