

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):

[briar.briar_grpc](#)

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↔

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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	29
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer	42
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub	52

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	29
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceServicer	42
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub	52

Chapter 5

File Index

5.1 File List

Here is a list of all files with brief descriptions:

/home/qdb/git/briar-api/lib/python/briar/briar_grpc/___init___py	59
/home/qdb/git/briar-api/lib/python/briar/briar_grpc/briar_error_pb2.py	59
/home/qdb/git/briar-api/lib/python/briar/briar_grpc/briar_error_pb2_grpc.py	60
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Chapter 6

Namespace Documentation

6.1 briar.briar_grpc Namespace Reference

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.

Namespaces

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

6.1.1 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.

6.2 briar.briar_grpc.briar_error_pb2 Namespace Reference

Variables

- [DESCRIPTOR](#) = `_descriptor_pool.Default().AddSerializedFile(b'\n\briar/briar_grpc/briar_error.proto\x12\x05\x62riar"@\n\x0bErrors\x12\n\x06\x65rrors\x18\x01 \x03(\x0e\x32\x11.briar.BriarError\x12\x0e\n\x06length\x18\x02 \x01(\x05">\n\x11\x42riarError\x12\x12\n\nerror_code\x18\x01 \x01(\x05\x12\x15\n\nerror_message\x18\x02 \x01(\t*\xaa\x06\n\nBriarError\x12\x11\n\nBRIAR_SUCCESS\x10\x00\x12\x17\n\x13\x42RIAR_UNKNOWN_ERROR\x10\x01\x12\x18\n\x14\x42RIAR_INTERNAL_ERROR\x10\x02\x12\x17\n\x13\x42RIAR_OUT_OF_MEMORY\x10\x03\x12\x1a\n\x16\x42RIAR_INVALID_SDK_PATH\x10\x04\x12\x18\n\x14\x42RIAR_BAD_SDK_CONFIG\x10\x05\x12\x15\n\x11\x42RIAR_BAD_LICENSE\x10\x06\x12\x16\n\x12\x42RIAR_MISSING_DATA\x10\x07\x12\x15\n\x11\x42RIAR_INVALID_GPU\x10\x08\x12\x16\n\x12\x42RIAR_BAD_ARGUMENT\x10\t\x12\x14\n\x10\x42RIAR_OPEN_ERROR\x10\n\x12\x14\n\x10\x42RIAR_READ_ERROR\x10\x0b\x12\x15\n\x11\x42RIAR_WRITE_ERROR\x10\x0c\x12\x15\n\x11\x42RIAR_PARSE_ERROR\x10\r\x12\x17\n\x13\x42RIAR_INVALID_MEDIA\x10\x0e\x12\x1e\n\x1a\x42RIAR_OUT_OF_BOUNDS_ACCESS\x10\x0f\x12\x16\n\x12\x42RIAR_MEDIA_AT_END\x10\x10\x12\x1f\n\x1b\x42RIAR_INVALID_ATTRIBUTE_KEY\x10\x11\x12\x1b\n\x17\x42RIAR_MISSING_ATTRIBUTE\x10\x12\x12\x16\n\x12\x42RIAR_DUPLICATE_ID\x10\x13\x12\x14\n\x10\x42RIAR_MISSING_ID\x10\x14\x12\x1b\n\x17\x42RIAR_MISSING_FILE_NAME\x10\x15\x12\x18\n\x14\x42RIAR_INCORRECT_ROLE\x10\x16\x12\x1e\n\x1a\x42RIAR_FAILURE_TO_SERIALIZE\x10\x17\x12`

```
\n\x1c\x42RIAR_FAILURE_TO_DESERIALIZE\x10\x18\x12\x1d\n\x19\x42RIAR_BATCH_ABORTED↵
_EARLY\x10\x19\x12$\n    BRIAR_BATCH_FINISHED_WITH_ERRORS\x10\x1a\x12#\n\x1f\x42RIAR_↵
CALLBACK_EXIT_IMMEDIATELY\x10\x1b\x12\x19\n\x15\x42RIAR_NOT_IMPLEMENTED\x10\x1c\x12\x14\n\x10\x42↵
RIAR_NUM_ERRORS\x10\x1d\x42\x12\xaa\x02\x0f\x62riar.BriarGrpcb\x06proto3')
```

6.2.1 Variable Documentation

6.2.1.1 DESCRIPTOR

```
briar.briar_grpc.briar_error_pb2.DESRIPTOR = _descriptor_pool.Default().AddSerializedFile(b'\n"briar/briar_↵
_grpc/briar_error.proto\x12\x05\x62riar\["@\n\x0b\x42riarErrors\x12!\n\x06\x65rrors\x18\x01↵
\x03(\x0e\x32\x11.briar.BriarError\x12\x0e\n\x06length\x18\x02 \x01(\x05">\n\x11\x42riar↵
ErrorMessage\x12\x12\n\nerror_code\x18\x01 \x01(\x05\x12\x15\n\nerror_message\x18\x02 \x01(\t*\xaa\x06\n\n↵
BriarError\x12\x11\n\nrBRIAR_SUCCESS\x10\x00\x12\x17\n\x13\x42RIAR_UNKNOWN_ERROR\x10\x01\x12\x18\n\x14\x42↵
RIAR_INTERNAL_ERROR\x10\x02\x12\x17\n\x13\x42RIAR_OUT_OF_MEMORY\x10\x03\x12\x1a\n\x16\x42↵
RIAR_INVALID_SDK_PATH\x10\x04\x12\x18\n\x14\x42RIAR_BAD_SDK_CONFIG\x10\x05\x12\x15\n\x11\x42↵
RIAR_BAD_LICENSE\x10\x06\x12\x16\n\x12\x42RIAR_MISSING_DATA\x10\x07\x12\x15\n\x11\x42RIAR↵
_INVALID_GPU\x10\x08\x12\x16\n\x12\x42RIAR_BAD_ARGUMENT\x10\t\x12\x14\n\x10\x42RIAR_OPEN_↵
ERROR\x10\n\x12\x14\n\x10\x42RIAR_READ_ERROR\x10\x0b\x12\x15\n\x11\x42RIAR_WRITE_ERROR\x10\x0c\x12\x15\n\x11\x↵
RIAR_PARSE_ERROR\x10\r\x12\x17\n\x13\x42RIAR_INVALID_MEDIA\x10\x0e\x12\x1e\n\x1a\x42RIAR_OUT↵
_OF_BOUNDS_ACCESS\x10\x0f\x12\x16\n\x12\x42RIAR_MEDIA_AT_END\x10\x10\x12\x1f\n\x1b\x42RIAR_↵
INVALID_ATTRIBUTE_KEY\x10\x11\x12\x1b\n\x17\x42RIAR_MISSING_ATTRIBUTE\x10\x12\x12\x16\n\x12\x42↵
RIAR_DUPLICATE_ID\x10\x13\x12\x14\n\x10\x42RIAR_MISSING_ID\x10\x14\x12\x1b\n\x17\x42RIAR_↵
MISSING_FILE_NAME\x10\x15\x12\x18\n\x14\x42RIAR_INCORRECT_ROLE\x10\x16\x12\x1e\n\x1a\x42RIAR↵
_FAILURE_TO_SERIALIZE\x10\x17\x12 \n\x1c\x42RIAR_FAILURE_TO_DESERIALIZE\x10\x18\x12\x1d\n\x19\x42↵
RIAR_BATCH_ABORTED_EARLY\x10\x19\x12$\n    BRIAR_BATCH_FINISHED_WITH_ERRORS\x10\x1a\x12#\n\x1f\x42↵
RIAR_CALLBACK_EXIT_IMMEDIATELY\x10\x1b\x12\x19\n\x15\x42RIAR_NOT_IMPLEMENTED\x10\x1c\x12\x14\n\x10\x42↵
RIAR_NUM_ERRORS\x10\x1d\x42\x12\xaa\x02\x0f\x62riar.BriarGrpcb\x06proto3')
```

6.3 briar.briar_grpc.briar_error_pb2_grpc Namespace Reference

Variables

- string [GRPC_GENERATED_VERSION](#) = '1.68.1'
- [GRPC_VERSION](#) = grpc.__version__

6.3.1 Variable Documentation

6.3.1.1 GRPC_GENERATED_VERSION

```
string briar.briar_grpc.briar_error_pb2_grpc.GRPC_GENERATED_VERSION = '1.68.1'
```

6.3.1.2 GRPC_VERSION

```
briar.briar_grpc.briar_error_pb2_grpc.GRPC_VERSION = grpc.__version__
```

6.4 briar.briar_grpc.briar_pb2 Namespace Reference

Variables

- **DESCRIPTOR** = _descriptor_pool.Default().AddSerializedFile(b'\n\x1c\x62riar/briar_grpc/briar.proto\x12\x05\x62riar"\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"\n\n\x0cStringOption\x12\x18\n\x10override_default\x18\x01 \x01(\x08\x12\r\n\x05value\x18\x02 \x01(\t"\n\n\x0cBoolOption\x12\x18\n\x10override_default\x18\x01 \x01(\x08\x12\r\n\x05value\x18\x02 \x01(\x08"\n\n\x0cIntOption\x12\x18\n\x10override_default\x18\x01 \x01(\x08\x12\r\n\x05value\x18\x02 \x01(\x03"\n\n\x0cFloatOption\x12\x18\n\x10override_default\x18\x01 \x01(\x08\x12\r\n\x05value\x18\x02 \x01(\x02"\n\n\x0cBriarMedia\x12\r\n\x05width\x18\x01 \x01(\x05\x12\x0e\n\x06height\x18\x02 \x01(\x05\x12\x10\n\x08\x63hannels\x18\x03 \x01(\x05\x12\x13\n\x0b\x66rame_count\x18\x04 \x01(\x05\x12\x13\n\x0b\x66rame_start\x18\x05 \x01(\x05\x12\x11\n\tframe_end\x18\x06 \x01(\x05\x12\x12\n\tframe_rate\x18\x07 \x01(\x02\x12\x12\n\tsegment_id\x18\x08 \x01(\x05\x12\x15\n\tsegment_total\x18\t \x01(\x05\x12\x14\n\x0c\x66rame_number\x18\n \x01(\x05\x12(\n\x04type\x18\x0b \x01(\x0e\x32\x1a.briar.BriarMedia.DataType\x12(\n\x0bsource_type\x18\x0c \x01(\x0e\x32\x1a.briar.BriarMedia.DataType\x12\x0c\n\x04\x64\x61ta\x18\r \x01(\x0c\x12\x0e\n\x06source\x18\x0e \x01(\t\x12\x19\n\x11serverside_source\x18\x0f \x01(\t\x12\x13\n\x0b\x64\x65scription\x18\x10 \x01(\t\x12\x10\n\x08\x64\x61tetime\x18\x11 \x01(\t\x12\x11\n\tisCropped\x18\x12 \x01(\x08\x12\x08\n\x08metadata\x18\x13 \x03(\x0b\x32\x14.briar.MediaMetadata"\xf7\x01\n\x08\x44\x61taType\x12\x08\n\x04RGB8\x10\x00\x12(\n\x05MONO8\x10\x01\x12(\n\x05RGBA8\x10\x02\x12(\n\x06RGBA16\x10\x03\x12(\n\x05RGB16\x10\x04\x12(\n\x06MONO16\x10\x05\x12\x0b\n\x07\x46\x4c\x4c\x4c\x10\x06\x12\x07\n\x03URL\x10\x07\x12\x07\n\x03PNG\x10\x08\x12\x07\n\x03JPG\x10\t\x12\x07\n\x03RAW\x10\n\x12\x07\n\x03\x45PS\x10\x0b\x12\x07\n\x03TIF\x10\x0c\x12\x07\n\x03GIF\x10\r\x12\x07\n\x03MP4\x10\x0e\x12\x08\n\x04MJPEG\x10\x0f\x12\x08\n\x04H264\x10\x10\x12\x08\n\x04H265\x10\x11\x12\x11\n\tGENERIC_IMAGE\x10\x12\x12\x11\n\tGENERIC_VIDEO\x10\x13\x12\x0f\n\x0bSOURCE_ONLY\x10\x14"\xfdf\x03\n\tEnrollOptions\x12(\n\tsave_metadata\x18\x01 \x01(\x0b\x32\x11.briar.BoolOption\x12 \n\x05\x64\x65\x62ug\x18\x02 \x01(\x0b\x32\x11.briar.BoolOption\x12\$\n\tentry_type\x18\x03 \x01(\x0e\x32\x10.briar.EntryType\x12\x13\n\x0bsubject_ids\x18\x04 \x03(\t\x12\x10\n\x08media_id\x18\x05 \x01(\t\x12\x0c\n\x06\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\tattributes\x18\x0c \x03(\x0b\x32\x10.briar.Attribute\x12\x31\n\x16use_subject_integer_id\x18\x0f \x01(\x0b\x32\x11.briar.BoolOption\x12, \n\x12subject_id_integer\x18\x10 \x01(\x0b\x32\x10.briar.IntOption"\n\tsearchOptions\x12\$\n\tout_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\tuse_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\x66ull\x18\r \x01(\x0b\x32\x11.briar.BoolOption\x12(\n\treturn_matrix\x18\x0e \x01(\x0b\x32\x11.briar.BoolOption"\n\tverifyOptions\x12 \n\x05\x64\x65\x62ug\x18\x01 \x01(\x0b\x32\x11.briar.BoolOption\x12) \n\x0euse_detections\x18\x08 \x01(\x0b\x32\x11.briar.BoolOption\x12(\n\tuse_templates\x18\t \x01(\x0b\x32\x11.briar.BoolOption\x12*\n\x0fuse_whole_image\x18\n \x01(\x0b\x32\x11.briar.BoolOption\x12 \n\x04\x66lag\x18\x0b \x01(\x0e\x32\x12.briar.VerifyFlags\x12(\n\x0creturn_media\x18\x0c \x01(\x0b\x32\x11.briar.BoolOption\x12*\n\x08modality\x18\x0d \x01(\x0e\x32\x18.briar.BiometricModality)"@ \n\tBriarRect\x12(\n\x01\x18\x01 \x01(\x05\x12(\n\x01\x18\x02 \x01(\x05\x12\r\n\x05width\x18\x03 \x01(\x05\x12\x0e\n\x06height\x18\x04 \x01(\x05"\$\n\x0c\x42riarPoint2D\x12(\n\x01\x18\x01 \x01(\x02\x12(\n\x01\x18\x02 \x01(\x02)"8 \n\tBriarProgress\x12\x13\n\x0b\x63currentStep\x18\x01 \x01(\x03\x12\x12\n\ttotalSteps\x18\x02 \x01(\x03"\n\t\x1b \n\x0b\x42riarVector\x12\x0c\n\x04\x64\x61ta\x18\x01

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\x03(\x02"\x9d\x02\n\x0b\x42riarMatrix\x12\x16\n\x0e\x63column_headers\x18\x01 \x03(\t\x12\x13\n\x0brow_
_headers\x18\x02 \x03(\t\x12\x1e\n\x16\x63column_headers_integer\x18\x03 \x03(\x05\x12\x1b\n\x13row_
_headers_integer\x18\x04 \x03(\x05\x12\x16\n\x0e\x63column_sources\x18\x05 \x03(\t\x12\x13\n\x0brow_
sources\x18\x06 \x03(\t\x12+\n\x11\x63column_attributes\x18\x07 \x03(\x0b\x32\x10.briar.Attribute\x12(\n\x0erow_
_attributes\x18\x08 \x03(\x0b\x32\x10.briar.Attribute\x12 \n\x04rows\x18\t \x03(\x0b\x32\x12.briar.Briar_
Vector"\xe8\x02\n\tAttribute\x12\x0b\n\x03key\x18\x01 \x01(\t\x12\x13\n\x0b\x64\x65scription\x18\x02
\x01(\t\x12"\n\x04type\x18\x0f \x01(\x0e\x32\x14.briar.BriarDataType\x12\x0e\n\x06\x62uffer\x18\x03
\x01(\x0c\x12\x0e\n\x06\x66value\x18\x04 \x01(\x02\x12\x0e\n\x06\x66value\x18\x05 \x01(\x05\x12\x0c\n\x04text\x18\x06
\x01(\t\x12\x0e\n\x06\x66pickler\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\x0d
\x01(\x0b\x32\x10.briar.BriarRect\x12\x0b\n\x03xml\x18\x0e \x01(\x0c"5\nrFrameMetadata\x12$\n\nattributes\x18\x01
\x03(\x0b\x32\x10.briar.Attribute"\c\nrMediaMetadata\x12$\n\nattributes\x18\x01 \x03(\x0b\x32\x10.briar.
Attribute\x12,\n\x0e\x66frame_metadata\x18\x02 \x03(\x0b\x32\x14.briar.FrameMetadata"\xab\x02\n\t
Detection\x12\x12\n\nconfidence\x18\x01 \x01(\x02\x12"\n\x08location\x18\x02 \x01(\x0b\x32\x10.briar.
BriarRect\x12\n\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\x08modality\x18\n \x01(\x0e\x32\x18.
briar.BiometricModality\x12$\n\nattributes\x18\x07 \x03(\x0b\x32\x10.briar.Attribute\x12\x1f\n\x04mask\x18\x08
\x01(\x0b\x32\x11.briar.BriarMedia\x12 \n\x05media\x18\t \x01(\x0b\x32\x11.briar.BriarMedia"\xac\x01\n\x08
Tracklet\x12$\n\ndetections\x18\x01 \x03(\x0b\x32\x10.briar.Detection\x12$\n\nattributes\x18\x02 \x03(\x0b\x32\x10.
briar.Attribute\x12\x16\n\x0etracklet_class\x18\x03 \x01(\t\x12\x13\n\x0btracklet_id\x18\x04 \x01(\x03\x12"\n\x07options\x18\x05
\x01(\x0b\x32\x16.briar.TrackingOptions"\xaf\x04\n\x10\x44\x65tectionOptions\x12)\n\x0c\x61lgorithm_
id\x18\x01 \x01(\x0b\x32\x13.briar.StringOption\x12\x1f\n\x04\x62\x65st\x18\x02 \x01(\x0b\x32\x11.briar.
BoolOption\x12*\n\x0e\x66\x61\x63\x65_threshold\x18\x03 \x01(\x0b\x32\x12.briar.FloatOption\x12*\n\x0e\x62ody_
_threshold\x18\x04 \x01(\x0b\x32\x12.briar.FloatOption\x12)\n\x0f\x66\x61\x63\x65_min_height\x18\x05
\x01(\x0b\x32\x10.briar.IntOption\x12)\n\x0f\x62ody_min_height\x18\x06 \x01(\x0b\x32\x10.briar.Int_
Option\x12&\n\x0c\x64\x65tect_batch\x18\x07 \x01(\x0b\x32\x10.briar.IntOption\x12*\n\x0f\x65nable_
metadata\x18\x08 \x01(\x0b\x32\x11.briar.BoolOption\x12 \n\x05\x64\x65\x62ug\x18\t \x01(\x0b\x32\x11.
briar.BoolOption\x12"\n\x0creturn_media\x18\n \x01(\x0b\x32\x11.briar.BoolOption\x12\x30\n\x10tracking_
_options\x18\x0b \x01(\x0b\x32\x16.briar.TrackingOptions\x12*\n\x08modality\x18\x0c \x01(\x0e\x32\x18.
briar.BiometricModality\x12$\n\nattributes\x18\x0e \x03(\x0b\x32\x10.briar.Attribute"\xb5\x02\n\x0f
TrackingOptions\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\tthreshold\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$\n\nattributes\x18\x08 \x03(\x0b\x32\x10.briar.Attribute"\xf0\x01\n\x0e\x45nhance_
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media\x18\x02 \x01(\x0b\x32\x11.briar.BoolOption\x12"\n\nenhance_batch\x18\x03 \x01(\x0b\x32\x10.
briar.IntOption\x12*\n\x08modality\x18\x04 \x01(\x0e\x32\x18.briar.BiometricModality\x12\x0f\n\x07\x63ropped\x18\x05
\x01(\x08\x12$\n\nattributes\x18\x06 \x03(\x0b\x32\x10.briar.Attribute"\xa4\x02\n\x0e\x45tractOptions\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\nextract_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$\n\nattributes\x18\x08 \x03(\x0b\x32\x10.briar.
Attribute"Y\n\x12TemplateImageInput\x12\x1d\n\x02im\x18\x01 \x01(\x0b\x32\x11.briar.BriarMedia\x12$\n\ndetections\x18\x02
\x03(\x0b\x32\x10.briar.BriarRect"\xbd\x01\n\x0cTemplateData\x12\x0b\n\x03key\x18\x01 \x01(\t\x12\x13\n\x0b\x64\x65scripti
on\x12*\n\x08modality\x18\x0f \x01(\x0e\x32\x18.briar.BiometricModality\x12\x13\n\x0bsubmodality\x18\x10
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\x03(\x0b\x32\x10.briar.Attribute"\x90\x02\n\x08Template\x12\n\n\x02id\x18\x01 \x01(\t\x12\x1f\n\x17\x61ssociated_
_detection_id\x18\x02 \x01(\x03\x12\x1e\n\x16\x61ssociated_tracklet_id\x18\x03 \x01(\x03\x12\x11\n\talgorithm\x18\x04
\x01(\t\x12"\n\x05parts\x18\x05 \x03(\x0b\x32\x13.briar.TemplateData\x12 \n\x04\x64\x61ta\x18\x06
\x01(\x0b\x32\x12.briar.BriarVector\x12\x0e\n\x06\x62uffer\x18\x07 \x01(\x0c\x12"\n\x08metadata\x18\x08
\x03(\x0b\x32\x10.briar.Attribute\x12*\n\x08modality\x18\t \x01(\x0e\x32\x18.briar.BiometricModality".\n\x0c
TemplateList\x12\x1e\n\x05tpls\x18\x01 \x03(\x0b\x32\x0f.briar.Template"7\n\x11TemplateListGroup\x12"\n\x05group\x18\x02
\x03(\x0b\x32\x13.briar.TemplateList"\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\x0e\n\x06source\x18\x06 \x01(\t\x12$\n\nattributes\x18\x07
\x03(\x0b\x32\x10.briar.Attribute"\x8d\x05\n\x06Record\x12)\n\x0b\x64\x61tabase_id\x18\x01 \x01(\x0b\x32\x14.

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briar.BriarDatabase\x12\x10\x08\x65ntry_id\x18\x02\x04\x01(\t\x12\x12$\nentry_type\x18\x03\x01(\t\x0e\x32\x18.\n
briar.EntryType\x12\x12\n\nsubject_id\x18\x04\x01(\t\x12\x12\x0c\n\x04name\x18\x05\x01(\t\x12\x10\n\x08media_
_id\x18\x11\x01(\t\x12\x12\x0e\n\x06source\x18\x0f\x01(\t\x12* \n\x08modality\x18\x10\x01(\t\x0e\x32\x18.\n
briar.BiometricModality\x12\x11\n\ntsource_id\x18\x06\x03(\t\x12\x11\n\talgorithm\x18\x07\x01(\t\x12\r\n\x05notes\x18\x08
\x01(\t\x12\x38\n\x06media_previews\x18\t\x03(\t\x0b\x32 .briar.Record.MediaPreviewsEntry\x12< \n\x10subject_
_previews\x18\n\x03(\t\x0b\x32".briar.Record.SubjectPreviewsEntry\x12#\n\tdetection\x18\x0e\x01(\t\x0b\x32\x10.\n
briar.Detection\x12\x11\n\nttemplates\x18\x0b\x01(\t\x12\x11\n\ttracklets\x18\x0c\x01(\t\x12$\n\nattributes\x18\r
\x03(\t\x0b\x32\x10.briar.Attribute\x1aG\n\x12MediaPreviewsEntry\x12\x0b\n\x03key\x18\x01\x01(\t\x12
\n\x05value\x18\x02\x01(\t\x0b\x32\x11.briar.BriarMedia:\x02\x38\x01\x1a\n\x14SubjectPreviewsEntry\x12\x0b\n\x03key\x18\x0
\x01(\t\x12\n\x05value\x18\x02\x01(\t\x0b\x32\x11.briar.BriarMedia:\x02\x38\x01",\n\nRecordList\x12\x1e\n\x07records\x18\x0
\x03(\t\x0b\x32\r.briar.Record"\x92\x03\n\x0fSearchMatchInfo\x12\r\n\x05score\x18\x01\x01(\t\x02\x12\x17\n\x0ftheoretical_
_min\x18\x02\x01(\t\x02\x12\x17\n\x0ftheoretical_max\x18\x03\x01(\t\x02\x12\x18\n\x10subject_id_
probe\x18\x04\x01(\t\x12\x1a\n\x12subject_id_gallery\x18\x05\x01(\t\x12\x16\n\x0e\x65ntry_id_probe\x18\x08
\x01(\t\x12\x18\n\x10\x65ntry_id_gallery\x18\t\x01(\t\x12\x10\n\x08media_id\x18\x06\x01(\t\x12\x14\n\x0csubject_
_name\x18\x07\x01(\t\x12\x1f\n\x04\x66\x61\x63\x65\x18\x0b\x01(\t\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x04\x62ody\x18\x0
\x01(\t\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x04gate\x18\r\x01(\t\x0b\x32\x11.briar.BriarMedia\x12\n\n\x1fuses_
_integer_subject_id_gallery\x18\x0e\x01(\t\x08\x12"\n\x1ainteger_subject_id_gallery\x18\x0f\x01(\t\x05"\x96\x03\n\x0f_
VerifyMatchInfo\x12\r\n\x05score\x18\x01\x01(\t\x02\x12\x17\n\x0ftheoretical_min\x18\x02\x01(\t\x02\x12\x17\n\x0ftheoretical_
_max\x18\x03\x01(\t\x02\x12\x19\n\x11subject_id_verify\x18\x04\x01(\t\x12\x1c\n\x14subject_id_
reference\x18\x05\x01(\t\x12\x1a\n\x12\x65ntry_id_reference\x18\x06\x01(\t\x12\x1d\n\x15\x65ntry_
id_verification\x18\x07\x01(\t\x12\x10\n\x08media_id\x18\x08\x01(\t\x12\x14\n\x0csubject_name\x18\t
\x01(\t\x12\x1f\n\x04\x66\x61\x63\x65\x18\n\x01(\t\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x04\x62ody\x18\x0b
\x01(\t\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x04gate\x18\x0c\x01(\t\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x17uses_
_integer_gallery_id\x18\r\x01(\t\x08\x12"\n\x1ainteger_subject_id_gallery\x18\x0e\x01(\t\x05"\n\x0f_
SearchMatchList\x12* \n\nmatch_list\x18\x01\x03(\t\x0b\x32\x16.briar.SearchMatchInfo"\n\n\x0fVerify_
MatchList\x12* \n\nmatch_list\x18\x01\x03(\t\x0b\x32\x16.briar.VerifyMatchInfo"\x1d\n\rBriarDatabase\x12\x0c\n\x04name\x18\n
\x01(\t"\xc1\x02\n\x11\x42riarDatabaseInfo\x12\x0c\n\x04name\x18\x01\x01(\t\x12\x13\n\x0b\x65ntry_
_count\x18\x02\x01(\t\x03\x12\x16\n\x06template_count\x18\x03\x01(\t\x03\x12\x1f\n\x17\x66\x61iled_
enrollment_count\x18\x04\x01(\t\x03\x12\x1b\n\x13total_database_size\x18\x05\x01(\t\x02\x12\x1a\n\x12\x61verage_
_entry_size\x18\x06\x01(\t\x02\x12,\n\nmodalities\x18\t\x03(\t\x0e\x32\x18.briar.BiometricModality\x12\x12$\n\nattributes\x18\n
\x03(\t\x0b\x32\x10.briar.Attribute\x12\x11\n\ntentry_ids\x18\x0b\x03(\t\x12\x1b\n\x13templates_per_
entry\x18\x0c\x03(\t\x05\x12\x13\n\x0b\x65ntry_sizes\x18\r\x03(\t\x02"* \n\x0bTemplateIds\x12\x0b\n\x03ids\x18\x01
\x03(\t\x12\x12\x0e\n\x06length\x18\x02\x01(\t\x05"\x19\n\nClusterIds\x12\x0b\n\x03ids\x18\x01\x03(\t"\n\x11\x43luster_
Confidence\x12\x13\n\x0b\x63onfidences\x18\x01\x01(\t\x01"+\n\rBriarDuration\x12\r\n\x05start\x18\x01
\x01(\t\x01\x12\x0b\n\x03\x65nd\x18\x02\x01(\t\x01"\xeb\x03\n\x0e\x42riarDurations\x12\x38\n\x1a\x63lient_
_duration_file_level\x18\x01\x01(\t\x0b\x32\x14.briar.BriarDuration\x12\x39\n\x1b\x63lient_duration_frame_
_level\x18\x02\x01(\t\x0b\x32\x14.briar.BriarDuration\x12=\n\x1fgrpc_outbound_transfer_duration\x18\x03
\x01(\t\x0b\x32\x14.briar.BriarDuration\x12< \n\x1fgrpc_inbound_transfer_duration\x18\x04\x01(\t\x0b\x32\x14.\n
briar.BriarDuration\x12.\n\x10service_duration\x18\x05\x01(\t\x0b\x32\x14.briar.BriarDuration\x12> \n\nrsub_
_durations\x18\x06\x03(\t\x0b\x32'.briar.BriarDurations.SubDurationsEntry\x12,\n\x06total_duration\x18\x07
\x01(\t\x0b\x32\x14.briar.BriarDuration\x1a\n\x11SubDurationsEntry\x12\x0b\n\x03key\x18\x01\x01(\t\x12#\n\x05value\x18\x02
\x01(\t\x0b\x32\x14.briar.BriarDuration:\x02\x38\x01"C\n\x12\x42riarDurationsList\x12-\n\x0e\x64urations_
list\x18\x01\x03(\t\x0b\x32\x15.briar.BriarDurations*A\n\x12\x42riarServiceStatus\x12\x0b\n\x07UNKNOWN\x10\x00\x12\t\n0
READY\x10\x01\x12\t\n05\x45RROR\x10\x02\x12\x08\n\x04\x42USY\x10\x03\b\n\x0c\x45TRACTFlags\x12\x16\n\x12\x45_
TRACT_FULL_IMAGE\x10\x00\x12\x1a\n\x16\x45TRACT_AUTO_DETECTION\x10\x01\x12\x1e\n\x1a\x45_
TRACT_PROVIDED_DETECTION\x10\x02*\n\x0b\x45nrollFlags\x12\x15\n\x11\x45NROLL_FULL_
_IMAGE\x10\x00\x12\x19\n\x15\x45NROLL_AUTO_DETECTION\x10\x01\x12\x1d\n\x19\x45NROLL_
PROVIDED_DETECTION\x10\x02\x12\x1c\n\x18\x45NROLL_PROVIDED_TEMPLATE\x10\x03*\n\x0b_
VerifyFlags\x12\x15\n\x11VERIFY_FULL_IMAGE\x10\x00\x12\x19\n\x15VERIFY_AUTO_DETECTION\x10\x01\x12\x1e\n\x1a_
VERIFY_PROVIDED_DETECTIONS\x10\x02\x12\x1d\n\x19VERIFY_PROVIDED_TEMPLATES\x10\x03*\n\x0b_
SearchFlags\x12\x15\n\x11SEARCH_FULL_IMAGE\x10\x00\x12\x19\n\x15SEARCH_AUTO_DETECTION\x10\x01\x12\x1e\n\x1
SEARCH_PROVIDED_DETECTIONS\x10\x02\x12\x1d\n\x19SEARCH_PROVIDED_TEMPLATES\x10\x03*Q\n\t_
EntryType\x12\x16\n\x12\x45NTRY_TYPE_UNKNOWN\x10\x00\x12\x16\n\x12\x45NTRY_TYPE_SUBJECT\x10\x01\x12\x14\n
NTRY_TYPE_MEDIA\x10\x02*\xe0\x01\n\x11\x42iometricModality\x12\x0f\n\x0bUNSPECIFIED\x10\x00\x12\x12\x0e\n\n_
WHOLE_BODY\x10\x01\x12\x12\x08\n\x04\x46\x41\x43\x45\x10\x02\x12\x12\x08\n\x04GAIT\x10\x03\x12\x08\n\x04\x42_
ODY\x10\x04\x12\x11\n\rANTHROPOMETRY\x10\x05\x12\x08\n\x04HEAD\x10\x06\x12\x12\x0c\n\x08\x42\x45_
HAVIOR\x10\x07\x12\x13\n\x0fSOFT_BIOMETRICS\x10\x08\x12\x12\x0f\n\x0b\x46INGERPRINT\x10\t\x12\x08\n\x04_
IRIS\x10\n\x12\t\n05VOICE\x10\x0b\x12\x08\n\x04HAND\x10\x0c\x12\x07\n\x03\x45\x41R\x10\r\x12\x08\n\x04_

```

```
PALM\x10\x0e\x12\t\n\x05OTHER\x10\x0f*\xa8\x01\nrBriarDataType\x12\t\n\x05\x45EMPTY\x10\x00\x12\n\n\x06↵
STRING\x10\x01\x12\x07\n\x03INT\x10\x02\x12\t\n\x05\x46LOAT\x10\x03\x12\t\n\x05\x42YTES\x10\x04\x12\n\n\x06↵
VECTOR\x10\x05\x12\n\n\x06PICKLE\x10\x06\x12\x07\n\x03XML\x10\x07\x12\x08\n\x04JSON\x10\x08\x12\n\n\x06↵
MATRIX\x10\t\x12\t\n\x05MEDIA\x10\x0b\x12\t\n\x05POINT\x10\x0c\x12\x08\n\x04RECT\x10\r\x12\n\n\x06\x42↵
UFFER\x10\x0e*\xb6\x01\n\x11\x46\x65\x61tureVectorType\x12\r\n\tBriarInt8\x10\x00\x12\x0e\n\nBriar↵
Int16\x10\x01\x12\x0e\n\nBriarInt32\x10\x02\x12\x0e\n\nBriarInt64\x10\x03\x12\x0e\n\nBriarUInt8\x10\x04\x12\x0f\n\x0b\x42riar↵
UInt16\x10\x05\x12\x0f\n\x0b\x42riarUInt32\x10\x06\x12\x0f\n\x0b\x42riarUInt64\x10\x07\x12\x0e\n\n↵
BriarFloat\x10\x08\x12\x0f\n\x0b\x42riarDouble\x10\tB\x12\xaa\x02\x0f\x62riar.BriarGrpcb\x06proto3')
```

6.4.1 Variable Documentation

6.4.1.1 DESCRIPTOR

```
briar.briar_grpc.briar_pb2.DESRIPTOR = _descriptor_pool.Default().AddSerializedFile(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"\xbf\x05\n\nBriarMedia\x12\r\n\x05width\x18\x01↵
\x01(\x05\x12\x0e\n\x06height\x18\x02 \x01(\x05\x12\x10\n\x08\x63hannels\x18\x03 \x01(\x05\x12\x13\n\x0b\x66ra↵
_count\x18\x04 \x01(\x05\x12\x13\n\x0b\x66rame_start\x18\x05 \x01(\x05\x12\x11\n\tframe↵
end\x18\x06 \x01(\x05\x12\x12\n\nframe_rate\x18\x07 \x01(\x02\x12\x12\n\nsegment_id\x18\x08↵
\x01(\x05\x12\x15\n\rsegment_total\x18\t \x01(\x05\x12\x14\n\x0c\x66rame_number\x18\n \x01(\x05\x12(\n\x04type↵
\x01(\x0e\x32\x1a.briar.BriarMedia.DataType\x12/\n\x0bsource_type\x18\x0c \x01(\x0e\x32\x1a.↵
briar.BriarMedia.DataType\x12\x0c\n\x04\x64\x61ta\x18\r \x01(\x0c\x12\x0e\n\x06source\x18\x0e↵
\x01(\t\x12\x19\n\x11server_side_source\x18\x0f \x01(\t\x12\x13\n\x0b\x64\x65scription\x18\x10↵
\x01(\t\x12\x10\n\x08\x64\x61tetime\x18\x11 \x01(\t\x12\x11\n\tisCropped\x18\x12 \x01(\x08\x12&\n\x08metadata↵
\x03(\x0b\x32\x14.briar.MediaMetadata"\xf7\x01\n\x08\x44\x61taType\x12\x08\n\x04RGB8\x10\x00\x12\t\n\x05↵
MONO8\x10\x01\x12\t\n\x05RGBA8\x10\x02\x12\n\n\x06RGBA16\x10\x03\x12\t\n\x05RGB16\x10\x04\x12\n\n\x06↵
MONO16\x10\x05\x12\x0b\n\x07\x46LOAT32\x10\x06\x12\x07\n\x03URL\x10\x07\x12\x07\n\x03PNG\x10\x08\x12\x07\n\x03↵
JPG\x10\t\x12\x07\n\x03RAW\x10\n\x12\x07\n\x03\x45PS\x10\x0b\x12\x07\n\x03TIF\x10\x0c\x12\x07\n\x03↵
GIF\x10\r\x12\x07\n\x03MP4\x10\x0e\x12\x08\n\x04MJPEG\x10\x0f\x12\x08\n\x04H264\x10\x10\x12\x08\n\x04↵
H265\x10\x11\x12\x11\n\rGENERIC_IMAGE\x10\x12\x12\x11\n\rGENERIC_VIDEO\x10\x13\x12\x0f\n\x0b↵
SOURCE_ONLY\x10\x14"\xfd\x03\n\rEnrollOptions\x12(\n\rsave_metadata\x18\x01 \x01(\x0b\x32\x11.↵
briar.BoolOption\x12 \n\x05\x64\x65\x62ug\x18\x02 \x01(\x0b\x32\x11.briar.BoolOption\x12$\n\nentry↵
_type\x18\x03 \x01(\x0e\x32\x10.briar.EntryType\x12\x13\n\x0bsubject_ids\x18\x04 \x03(\t\x12\x10\n\x08media↵
_id\x18\x05 \x01(\t\x12&\n\x0c\x65nroll_batch\x18\x07 \x01(\x0b\x32\x10.briar.IntOption\x12'\n\x0b\x65nroll↵
_flag\x18\x08 \x01(\x0e\x32\x12.briar.EnrollFlags\x12*\n\x08modality\x18\t \x01(\x0e\x32\x18.↵
briar.BiometricModality\x12'\n\x0creturn_media\x18\n \x01(\x0b\x32\x11.briar.BoolOption\x12&\n\x0bstore↵
_media\x18\x0b \x01(\x0b\x32\x11.briar.BoolOption\x12$\n\nattributes\x18\x0c \x03(\x0b\x32\x10.↵
briar.Attribute\x12\x31\n\x16use_subject_integer_id\x18\x0f \x01(\x0b\x32\x11.briar.Bool↵
Option\x12,\n\x12subject_id_integer\x18\x10 \x01(\x0b\x32\x10.briar.IntOption"\xcce\x04\n\r↵
SearchOptions\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\ruse_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\x66ull\x18\r \x01(\x0b\x32\x11.briar.BoolOption\x12(\n\rreturn↵
_matrix\x18\x0e \x01(\x0b\x32\x11.briar.BoolOption"\xa9\x02\n\rVerifyOptions\x12 \n\x05\x64\x65\x62ug\x18\x01↵
```

```
\x01(\x0b\x32\x11.briar.BoolOption\x12)\n\x0euse_detections\x18\x08 \x01(\x0b\x32\x11.briar.↵
BoolOption\x12(\n\ruse_templates\x18\t \x01(\x0b\x32\x11.briar.BoolOption\x12*\n\x0fuse_whole↵
_image\x18\n \x01(\x0b\x32\x11.briar.BoolOption\x12 \n\x04\x66lag\x18\x0b \x01(\x0e\x32\x12.↵
briar.VerifyFlags\x12'\n\x0creturn_media\x18\x0c \x01(\x0b\x32\x11.briar.BoolOption\x12*\n\x08modality\x18\r
\x01(\x0e\x32\x18.briar.BiometricModality\["@\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\"$\n\x0c\x42riar↵
Point2D\x12\t\n\x01x\x18\x01 \x01(\x02\x12\t\n\x01y\x18\x02 \x01(\x02\"8\n\rBriarProgress\x12\x13\n\x0b\x63ur↵
Step\x18\x01 \x01(\x03\x12\x12\n\ntotalSteps\x18\x02 \x01(\x03\" \x1b\n\x0b\x42riarVector\x12\x0c\n\x04\x64\x61↵
\x03(\x02\" \x9d\x02\n\x0b\x42riarMatrix\x12\x16\n\x0e\x63olumn_headers\x18\x01 \x03(\t\x12\x13\n\x0brow↵
_headers\x18\x02 \x03(\t\x12\x1e\n\x16\x63olumn_headers_integer\x18\x03 \x03(\x05\x12\x1b\n\x13row↵
_headers_integer\x18\x04 \x03(\x05\x12\x16\n\x0e\x63olumn_sources\x18\x05 \x03(\t\x12\x13\n\x0brow↵
_sources\x18\x06 \x03(\t\x12+\n\x11\x63olumn_attributes\x18\x07 \x03(\x0b\x32\x10.briar.↵
Attribute\x12(\n\x0erow_attributes\x18\x08 \x03(\x0b\x32\x10.briar.Attribute\x12 \n\x04rows\x18\t
\x03(\x0b\x32\x12.briar.BriarVector\" \xe8\x02\n\tAttribute\x12\x0b\n\x03key\x18\x01 \x01(\t\x12\x13\n\x0b\x64↵
\x01(\t\x12\" \n\x04type\x18\x0f \x01(\x0e\x32\x14.briar.BriarDataType\x12\x0e\n\x06\x62uffer\x18\x03
\x01(\x0c\x12\x0e\n\x06\x66value\x18\x04 \x01(\x02\x12\x0e\n\x06ivalue\x18\x05 \x01(\x05\x12\x0c\n\x04text\x18
\x01(\t\x12\x0e\n\x06pickle\x18\x07 \x01(\x0c\x12\x0c\n\x04json\x18\x08 \x01(\x0c\x12\" \n\x06matrix\x18\t
\x01(\x0b\x32\x12.briar.BriarMatrix\x12\" \n\x06vector\x18\n \x01(\x0b\x32\x12.briar.Briar↵
Vector\x12 \n\x05media\x18\x0b \x01(\x0b\x32\x11.briar.BriarMedia\x12\" \n\x05point\x18\x0c
\x01(\x0b\x32\x13.briar.BriarPoint2D\x12\x1e\n\x04rect\x18\r \x01(\x0b\x32\x10.briar.Briar↵
Rect\x12\x0b\n\x03xml\x18\x0e \x01(\x0c\"5\n\rFrameMetadata\x12$\n\nattributes\x18\x01 \x03(\x0b\x32\x10.↵
briar.Attribute\"c\n\rMediaMetadata\x12$\n\nattributes\x18\x01 \x03(\x0b\x32\x10.briar.↵
Attribute\x12,\n\x0e\x66frame_metadata\x18\x02 \x03(\x0b\x32\x14.briar.FrameMetadata\" \xab\x02\n\t↵
Detection\x12\x12\n\nconfidence\x18\x01 \x01(\x02\x12\" \n\x08location\x18\x02 \x01(\x0b\x32\x10.↵
briar.BriarRect\x12\r\n\x05\x66frame\x18\x03 \x01(\x05\x12\x14\n\x0c\x64\x65tection_id\x18\x04
\x01(\x03\x12\x13\n\x0btracklet_id\x18\x05 \x01(\x03\x12\x17\n\x0f\x64\x65tection_class\x18\x06
\x01(\t\x12*\n\x08modality\x18\n \x01(\x0e\x32\x18.briar.BiometricModality\x12$\n\nattributes\x18\x07
\x03(\x0b\x32\x10.briar.Attribute\x12\x1f\n\x04mask\x18\x08 \x01(\x0b\x32\x11.briar.Briar↵
Media\x12 \n\x05media\x18\t \x01(\x0b\x32\x11.briar.BriarMedia\" \xac\x01\n\x08Tracklet\x12$\n\ndetections\x18
\x03(\x0b\x32\x10.briar.Detection\x12$\n\nattributes\x18\x02 \x03(\x0b\x32\x10.briar.Attribute\x12\x16\n\x0etr↵
_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.Float↵
Option\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$\n\nattributes
\x03(\x0b\x32\x10.briar.Attribute\" \xb5\x02\n\x0fTrackingOptions\x12)\n\x0c\x61lgorithm↵
_id\x18\x01 \x01(\x0b\x32\x13.briar.StringOption\x12+\n\x10tracking_disable\x18\x02 \x01(\x0b\x32\x11.↵
briar.BoolOption\x12%\n\tthreshold\x18\x03 \x01(\x0b\x32\x12.briar.FloatOption\x12(\n\x0etracking↵
_batch\x18\x04 \x01(\x0b\x32\x10.briar.IntOption\x12'\n\x0creturn_media\x18\x05 \x01(\x0b\x32\x11.↵
briar.BoolOption\x12*\n\x08modality\x18\x06 \x01(\x0e\x32\x18.briar.BiometricModality\x12$\n\nattributes
\x03(\x0b\x32\x10.briar.Attribute\" \xf0\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\nenhance_batch\x18\x03 \x01(\x0b\x32\x10.briar.IntOption\x12*\n\x08modality\x18\x04
\x01(\x0e\x32\x18.briar.BiometricModality\x12\x0f\n\x07\x63ropped\x18\x05 \x01(\x08\x12$\n\nattributes\x18\x06
\x03(\x0b\x32\x10.briar.Attribute\" \xa4\x02\n\x0e\x45tractOptions\x12)\n\x0c\x61lgorithm↵
_id\x18\x01 \x01(\x0b\x32\x13.briar.StringOption\x12 \n\x05\x64\x65\x62ug\x18\x02 \x01(\x0b\x32\x11.↵
briar.BoolOption\x12!\n\x04\x66lag\x18\x03 \x01(\x0e\x32\x13.briar.ExtractFlags\x12'\n\nextract↵
_batch\x18\x04 \x01(\x0b\x32\x10.briar.IntOption\x12*\n\x08modality\x18\x05 \x01(\x0e\x32\x18.↵
briar.BiometricModality\x12'\n\x0creturn_media\x18\x06 \x01(\x0b\x32\x11.briar.BoolOption\x12$\n\nattributes
\x03(\x0b\x32\x10.briar.Attribute\"Y\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\" \xbd\x01\n\x0c↵
TemplateData\x12\x0b\n\x03key\x18\x01 \x01(\t\x12\x13\n\x0b\x64\x65scription\x18\x02 \x01(\t\x12*\n\x08modality
```

```

\x01(\x0e\x32\x18.briar.BiometricModality\x12\x13\n\x0bsubmodality\x18\x10 \x01(\t\x12\x11\n\tsource←
_id\x18\x11 \x01(\t\x12\x13\n\x0btracklet_id\x18\x12 \x01(\t\x12\" \n\x08metadata\x18\x13 \x03(\x0b\x32\x10.←
briar.Attribute\" \x90\x02\n\x08Template\x12\n\n\x02id\x18\x01 \x01(\t\x12\x1f\n\x17\x61ssociated←
_detection_id\x18\x02 \x01(\x03\x12\x1e\n\x16\x61ssociated_tracklet_id\x18\x03 \x01(\x03\x12\x11\n\talgorithm
\x01(\t\x12\" \n\x05parts\x18\x05 \x03(\x0b\x32\x13.briar.TemplateData\x12 \n\x04\x64\x61ta\x18\x06
\x01(\x0b\x32\x12.briar.BriarVector\x12\x0e\n\x06\x62uffer\x18\x07 \x01(\x0c\x12\" \n\x08metadata\x18\x08
\x03(\x0b\x32\x10.briar.Attribute\x12*\n\x08modality\x18\t \x01(\x0e\x32\x18.briar.Biometric←
Modality\".\n\x0cTemplateList\x12\x1e\n\x05tpls\x18\x01 \x03(\x0b\x32\x0f.briar.Template\"7\n\x11←
TemplateListGroup\x12\" \n\x05group\x18\x01 \x03(\x0b\x32\x13.briar.TemplateList\" \xaf\x01\n\x0e\x45nrollment←
Info\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\x12\x0e\n\x06source\x18\x06 \x01(\t\x12$ \n\nattributes\x18\x07 \x03(\x0b\x32\x10.←
briar.Attribute\" \x8d\x05\n\x06Record\x12) \n\x0b\x64\x61tabase_id\x18\x01 \x01(\x0b\x32\x14.←
briar.BriarDatabase\x12\x10\n\x08\x65ntry_id\x18\x02 \x01(\t\x12$ \n\nentry_type\x18\x03 \x01(\x0e\x32\x10.←
briar.EntryType\x12\x12\n\nsubject_id\x18\x04 \x01(\t\x12\x0c\n\x04name\x18\x05 \x01(\t\x12\x10\n\x08media←
_id\x18\x11 \x01(\t\x12\x12\x0e\n\x06source\x18\x0f \x01(\t\x12*\n\x08modality\x18\x10 \x01(\x0e\x32\x18.←
briar.BiometricModality\x12\x11\n\tsource_id\x18\x06 \x03(\t\x12\x11\n\talgorithm\x18\x07
\x01(\t\x12\r\n\x05notes\x18\x08 \x01(\t\x12\x38\n\x0eedia_previews\x18\t \x03(\x0b\x32 .briar.←
Record.MediaPreviewsEntry\x12<\n\x10subject_previews\x18\n \x03(\x0b\x32\".briar.Record.←
SubjectPreviewsEntry\x12#\n\t detection\x18\x0e \x01(\x0b\x32\x10.briar.Detection\x12\x11\n\ttemplates\x18\x0b
\x01(\t\x12\x11\n\ttracklets\x18\x0c \x01(\t\x12$ \n\nattributes\x18\r \x03(\x0b\x32\x10.←
briar.Attribute\x1aG\n\x12MediaPreviewsEntry\x12\x0b\n\x03key\x18\x01 \x01(\t\x12 \n\x05value\x18\x02
\x01(\x0b\x32\x11.briar.BriarMedia:\x02\x38\x01\x1aI\n\x14SubjectPreviewsEntry\x12\x0b\n\x03key\x18\x01
\x01(\t\x12 \n\x05value\x18\x02 \x01(\x0b\x32\x11.briar.BriarMedia:\x02\x38\x01\", \n\nRecord←
List\x12\x1e\n\x07records\x18\x01 \x03(\x0b\x32\r.briar.Record\" \x92\x03\n\x0fSearchMatch←
Info\x12\r\n\x05score\x18\x01 \x01(\x02\x12\x17\n\x0ftheoretical_min\x18\x02 \x01(\x02\x12\x17\n\x0ftheoretical
_max\x18\x03 \x01(\x02\x12\x18\n\x10subject_id_probe\x18\x04 \x01(\t\x12\x1a\n\x12subject_id←
_gallery\x18\x05 \x01(\t\x12\x16\n\x0e\x65ntry_id_probe\x18\x08 \x01(\t\x12\x18\n\x10\x65ntry←
_id_gallery\x18\t \x01(\t\x12\x10\n\x08media_id\x18\x06 \x01(\t\x12\x14\n\x0csubject_name\x18\x07
\x01(\t\x12\x1f\n\x04\x66\x61\x63\x65\x18\x0b \x01(\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x04\x62ody\x18\x0c
\x01(\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x04gate\x18\r \x01(\x0b\x32\x11.briar.Briar←
Media\x12\" \n\x1fuses_integer_subject_id_gallery\x18\x0e \x01(\x08\x12\" \n\x1ainteger_subject←
_id_gallery\x18\x0f \x01(\x05\" \x96\x03\n\x0fVerifyMatchInfo\x12\r\n\x05score\x18\x01 \x01(\x02\x12\x17\n\x0ft
_min\x18\x02 \x01(\x02\x12\x17\n\x0ftheoretical_max\x18\x03 \x01(\x02\x12\x19\n\x11subject←
_id_verify\x18\x04 \x01(\t\x12\x1c\n\x14subject_id_reference\x18\x05 \x01(\t\x12\x1a\n\x12\x65ntry←
_id_reference\x18\x06 \x01(\t\x12\x1d\n\x15\x65ntry_id_verification\x18\x07 \x01(\t\x12\x10\n\x08media←
_id\x18\x08 \x01(\t\x12\x14\n\x0csubject_name\x18\t \x01(\t\x12\x1f\n\x04\x66\x61\x63\x65\x18\n
\x01(\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x04\x62ody\x18\x0b \x01(\x0b\x32\x11.briar.←
BriarMedia\x12\x1f\n\x04gate\x18\x0c \x01(\x0b\x32\x11.briar.BriarMedia\x12\x1f\n\x17uses_←
integer_gallery_id\x18\r \x01(\x08\x12\" \n\x1ainteger_subject_id_gallery\x18\x0e \x01(\x05\"=\n\x0f←
SearchMatchList\x12*\n\nmatch_list\x18\x01 \x03(\x0b\x32\x16.briar.SearchMatchInfo\"=\n\x0f←
VerifyMatchList\x12*\n\nmatch_list\x18\x01 \x03(\x0b\x32\x16.briar.VerifyMatchInfo\" \x1d\n\r←
BriarDatabase\x12\x0c\n\x04name\x18\x01 \x01(\t\" \xc1\x02\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\x61iled_enrollment_count\x18\x04 \x01(\x03\x12\x1b\n\x13total_←
database_size\x18\x05 \x01(\x02\x12\x1a\n\x12\x61verage_entry_size\x18\x06 \x01(\x02\x12, \n\nmodalities\x18\t
\x03(\x0e\x32\x18.briar.BiometricModality\x12$ \n\nattributes\x18\n \x03(\x0b\x32\x10.briar.←
Attribute\x12\x11\n\tentry_ids\x18\x0b \x03(\t\x12\x1b\n\x13templates_per_entry\x18\x0c \x03(\x05\x12\x13\n\x0
_sizes\x18\r \x03(\x02\"*\n\x0bTemplateIds\x12\x0b\n\x03ids\x18\x01 \x03(\t\x12\x12\x0e\n\x06length\x18\x02
\x01(\x05\" \x19\n\nClusterIds\x12\x0b\n\x03ids\x18\x01 \x03(\t\" (\n\x11\x43lusterConfidence\x12\x13\n\x0b\x63c
\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\x42riar↵
DurationsList\x12-\n\x0e\x64urations_list\x18\x01 \x03(\x0b\x32\x15.briar.BriarDurations*A\n\x12\x42riar↵
ServiceStatus\x12\x0b\n\x07UNKNOWN\x10\x00\x12\t\n\x05READY\x10\x01\x12\t\n\x05\x45RROR\x10\x02\x12\x08\n\x04
USY\x10\x03*b\n\x0c\x45tractFlags\x12\x16\n\x12\x45TRACT_FULL_IMAGE\x10\x00\x12\x1a\n\x16\x45↵
TRACT_AUTO_DETECTION\x10\x01\x12\x1e\n\x1a\x45TRACT_PROVIDED_DETECTION\x10\x02*|\n\x0b\x45nroll↵
Flags\x12\x15\n\x11\x45NROLL_FULL_IMAGE\x10\x00\x12\x19\n\x15\x45NROLL_AUTO_DETECTION\x10\x01\x12\x1d\n\x19\x4
NROLL_PROVIDED_DETECTION\x10\x02\x12\x1c\n\x18\x45NROLL_PROVIDED_TEMPLATE\x10\x03*~\n\x0b↵
VerifyFlags\x12\x15\n\x11VERIFY_FULL_IMAGE\x10\x00\x12\x19\n\x15VERIFY_AUTO_DETECTION\x10\x01\x12\x1e\n\x1a↵
VERIFY_PROVIDED_DETECTIONS\x10\x02\x12\x1d\n\x19VERIFY_PROVIDED_TEMPLATES\x10\x03*~\n\x0b↵
SearchFlags\x12\x15\n\x11SEARCH_FULL_IMAGE\x10\x00\x12\x19\n\x15SEARCH_AUTO_DETECTION\x10\x01\x12\x1e\n\x1a↵
SEARCH_PROVIDED_DETECTIONS\x10\x02\x12\x1d\n\x19SEARCH_PROVIDED_TEMPLATES\x10\x03*Q\n\tEntry↵
Type\x12\x16\n\x12\x45NTRY_TYPE_UNKNOWN\x10\x00\x12\x16\n\x12\x45NTRY_TYPE_SUBJECT\x10\x01\x12\x14\n\x10\x45↵
NTRY_TYPE_MEDIA\x10\x02*\xe0\x01\n\x11\x42iometricModality\x12\x0f\n\x0bUNSPECIFIED\x10\x00\x12\x0e\n\n↵
WHOLE_BODY\x10\x01\x12\x08\n\x04\x46\x41\x43\x45\x10\x02\x12\x08\n\x04GAIT\x10\x03\x12\x08\n\x04\x42↵
ODY\x10\x04\x12\x11\n\rANTHROPOMETRY\x10\x05\x12\x08\n\x04HEAD\x10\x06\x12\x0c\n\x08\x42\x45↵
HAVIOR\x10\x07\x12\x13\n\x0fSOFT_BIOMETRICS\x10\x08\x12\x0f\n\x0b\x46INGERPRINT\x10\t\x12\x08\n\x04↵
IRIS\x10\n\x12\t\n\x05VOICE\x10\x0b\x12\x08\n\x04HAND\x10\x0c\x12\x07\n\x03\x45\x41R\x10\r\x12\x08\n\x04↵
PALM\x10\x0e\x12\t\n\x05OTHER\x10\x0f*\xa8\x01\n\rBriarDataType\x12\t\n\x05\x45MPTY\x10\x00\x12\n\n\x06↵
STRING\x10\x01\x12\x07\n\x03INT\x10\x02\x12\t\n\x05\x46LOAT\x10\x03\x12\t\n\x05\x42YTES\x10\x04\x12\n\n\x06↵
VECTOR\x10\x05\x12\n\n\x06PICKLE\x10\x06\x12\x07\n\x03XML\x10\x07\x12\x08\n\x04JSON\x10\x08\x12\n\n\x06↵
MATRIX\x10\t\x12\t\n\x05MEDIA\x10\x0b\x12\t\n\x05POINT\x10\x0c\x12\x08\n\x04RECT\x10\r\x12\n\n\x06\x42↵
UPFER\x10\x0e*\xb6\x01\n\x11\x46\x65\x61tureVectorType\x12\r\n\tBriarInt8\x10\x00\x12\x0e\n\n↵
BriarInt16\x10\x01\x12\x0e\n\nBriarInt32\x10\x02\x12\x0e\n\nBriarInt64\x10\x03\x12\x0e\n\n↵
BriarUInt8\x10\x04\x12\x0f\n\x0b\x42riarUInt16\x10\x05\x12\x0f\n\x0b\x42riarUInt32\x10\x06\x12\x0f\n\x0b\x42ri
UInt64\x10\x07\x12\x0e\n\nBriarFloat\x10\x08\x12\x0f\n\x0b\x42riarDouble\x10\tB\x12\xaa\x02\x0f\x62riar.↵
BriarGrpcb\x06proto3')
```

6.5 briar.briar_grpc.briar_pb2_grpc Namespace Reference

Variables

- string [GRPC_GENERATED_VERSION](#) = '1.68.1'
- [GRPC_VERSION](#) = grpc.__version__

6.5.1 Variable Documentation

6.5.1.1 GRPC_GENERATED_VERSION

```
string briar.briar_grpc.briar_pb2_grpc.GRPC_GENERATED_VERSION = '1.68.1'
```

6.5.1.2 GRPC_VERSION

```
briar.briar_grpc.briar_pb2_grpc.GRPC_VERSION = grpc.__version__
```


\x01(\x0b\x32\x15.briar.BriarDurations\x12\n\x0e\x64\x65tect_options\x18\x08 \x01(\x0b\x32\x17.briar.DetectionOptions\x12\n\x0b\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\x1b\n\x13progress_only_reply\x18\x08 \x01(\x08"\xb5\x01\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\x08\x82\x02\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\x1b\n\x13progress_only_reply\x18\x08 \x01(\x08"\xe3\x01\n\x0e\x45tractRequest\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\ntemplates\x18\x01 \x03(\x0b\x32\x0f.briar.Template\x12\x10\n\x08\x66rame_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\x1b\n\x13progress_only_reply\x18\n \x01(\x08"\x8c\x01\n\x17\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\x15\x44\x61tabaseRetrieveReply\x12&\n\ntemplates\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\x03\x02\n\x13\x45nrollCustomRequest\x12\x16\n\x0esigset_encoded\x18\x01 \x01(\x0c\x12\x13\n\x0bsigset_name\x18\x02 \x01(\t\x12&\n\x08\x64\x61tabase\x18\x03 \x01(\x0b\x32\x14.briar.BriarDatabase\x12(\n\tdurations\x18\x04 \x01(\x0b\x32\x15.briar.BriarDurations\x12\n\x0e\x64\x65tect_options\x18\x05 \x01(\x0b\x32\x17.briar.DetectionOptions\x12\n\x0f\x65tract_options\x18\x06 \x01(\x0b\x32\x15.briar.ExtractOptions\x12\n\x0e\x65nroll_options\x18\x07 \x01(\x0b\x32\x14.briar.EnrollOptions\x12\n\x09\x96\x04\n\nEnrollRequest\x12 \n\x05media\x18\x01 \x01(\x0b\x32\x11.briar.BriarMedia\x12\x12\n\x05\x66rame\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\x13\n\x0bsubject_ids\x18\x05 \x03(\t\x12\x1f\n\x06tracks\x18\x08 \x03(\x0b\x32\x0f.briar.Tracklet\x12"\n\x0b\x65nroll_flag\x18\t \x01(\x0e\x32\x12.briar.EnrollFlags\x12\$\n\ndetections\x18\n \x03(\x0b\x32\x10.briar.Detection\x12\n\x08template\x18\x0b \x01(\x0b\x32\x0f.briar.Template\x12\x1d\n\x06record\x18\x0c \x01(\x0b\x32\r.briar.Record\x12(\n\tdurations\x18\r \x01(\x0b\x32\x15.briar.BriarDurations\x12\n\x0e\x64\x65tect_options\x18\x0e \x01(\x0b\x32\x17.briar.DetectionOptions\x12\n\x0f\x65tract_options\x18\x0f \x01(\x0b\x32\x15.briar.ExtractOptions\x12\n\x0e\x65nroll_options\x18\x10 \x01(\x0b\x32\x14.briar.EnrollOptions\x12\x1a\n\x12subject_id_integer\x18\x11 \x01(\x05"\x82\x03\n\x0b\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\x66rame_id\x18\x03 \x01(\x03\x12(\n\x0c\x64\x65tect_reply\x18\x04 \x01(\x0b\x32\x12.briar.DetectReply\x12&\n\x0btrack_reply\x18\x05 \x01(\x0b\x32\x11.briar.TrackReply\x12*\n\nretract_reply\x18\x06 \x01(\x0b\x32\x13.briar.ExtractReply\x12"\n\x06\x65rrors\x18\x07 \x01(\x0b\x32\x12.briar.BriarErrors\x12*\n\x0b\x65nrollments\x18\x08 \x03(\x0b\x32\x15.briar.EnrollmentInfo\x12&\n\x08progress\x18\t \x01(\x0b\x32\x14.briar.BriarProgress\x12\x1b\n\x13progress_only_reply\x18\n \x01(\x08"\xb8\x03\n\nVerifyRequest\x12 \n\x05media\x18\x01 \x01(\x0b\x32\x11.briar.BriarMedia\x12\n\x04role\x18\x02 \x01(\x0e\x32\x1f.briar.VerifyRequest.VerifyRole\x12\$\n\ndetections\x18\x03 \x03(\x0b\x32\x10.briar.Detection\x12\n\x0reference_tmpls\x18\x04 \x01(\x0b\x32\x13.briar.TemplateList\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\x0f\x65tract_options\x18\x07 \x01(\x0b\x32\x15.briar.ExtractOptions\x12\n\x0everify_options\x18\x08 \x01(\x0b\x32\x14.briar.VerifyOptions\x12 \n\x04\x66lag\x18\t \x01(\x0e\x32\x12.briar.VerifyFlags\x12"\n\nVerifyRole\x12\n\ntreference\x10\x00\x12\n\x06verify\x10\x01"\xfcf\x01\n\x0bVerifyReply\x12\n\x0csimilarities\x18\x01 \x01(\x0b\x32\x16.briar.VerifyMatchList\x12(\n\tdurations\x18\x02 \x01(\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\x06\x65rrors\x18\x03 \x01(\x0b\x32\x12.briar.BriarErrors\x12\x1b\n\x13progress_only_reply\x18\x06 \x01(\x08"\xdd\x02\n\nSearchRequest\x12&\n\x08\x64\x61tabase\x18\x04 \x01(\x0b\x32\x14.briar.BriarDatabase\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

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\x01(\x0b\x32\x13.briar.TemplateList\x12\n\x0e\x64\x65tect_options\x18\t      \x01(\x0b\x32\x17.briar.↵
DetectionOptions\x12.\n\x0f\x65xtract_options\x18\n \x01(\x0b\x32\x15.briar.ExtractOptions\x12,\n\x0esearch↵
_options\x18\x0b \x01(\x0b\x32\x14.briar.SearchOptions\x12(\n\tdurations\x18\x08 \x01(\x0b\x32\x15.↵
briar.BriarDurations"\x01\n\x15SearchDatabaseRequest\x12&\n\x08\x64\x61tabase\x18\x04 \x01(\x0b\x32\x14.↵
briar.BriarDatabase\x12,\n\x0eprobe_database\x18\x07 \x01(\x0b\x32\x14.briar.BriarDatabase\x12\x17\n\x0fprobe↵
_entry_ids\x18\x0c \x03(\t\x12,\n\x0esearch_options\x18\x0b \x01(\x0b\x32\x14.briar.SearchOptions\x12(\n\tdurations\x18\x08↵
\x01(\x0b\x32\x15.briar.BriarDurations"\x01\n\x0bSearchReply\x12,\n\x0csimilarities\x18\x01 \x03(\x0b\x32\x16.↵
briar.SearchMatchList\x12*\n\x10probe_detections\x18\x02 \x03(\x0b\x32\x10.briar.Detection\x12(\n\tdurations\x18\x03↵
\x01(\x0b\x32\x15.briar.BriarDurations\x12(\n\x0c\x64\x65tect_reply\x18\x04 \x01(\x0b\x32\x12.briar.↵
DetectReply\x12*\n\rextract_reply\x18\x05 \x01(\x0b\x32\x13.briar.ExtractReply\x12"\n\x06\x65rrors\x18\x06↵
\x01(\x0b\x32\x12.briar.BriarErrors\x12&\n\x08progress\x18\x07 \x01(\x0b\x32\x14.briar.BriarProgress\x12\x1b\n\x13progress↵
_only_reply\x18\x08 \x01(\x08"\xb9\x01\n\x13SearchDatabaseReply\x12,\n\x0csimilarities\x18\x01 \x03(\x0b\x32\x16.↵
briar.SearchMatchList\x12(\n\tdurations\x18\x03 \x03(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65rrors\x18\x06↵
\x01(\x0b\x32\x12.briar.BriarErrors\x12&\n\x08progress\x18\x07 \x01(\x0b\x32\x14.briar.BriarProgress"\xe9\x01\n\x15↵
VerifyDatabaseRequest\x12\x30\n\x12reference_database\x18\x04 \x01(\x0b\x32\x14.briar.BriarDatabase\x12-↵
\n\x0fverify_database\x18\x07 \x01(\x0b\x32\x14.briar.BriarDatabase\x12\x17\n\x0fprobe_entry_ids\x18\x0c↵
\x03(\t\x12,\n\x0everify_options\x18\x0b \x01(\x0b\x32\x14.briar.VerifyOptions\x12(\n\tdurations\x18\x08↵
\x01(\x0b\x32\x15.briar.BriarDurations"\xb6\t\n\x13VerifyDatabaseReply\x12(\n\x0cmatch_matrix\x18\t↵
\x01(\x0b\x32\x12.briar.BriarMatrix\x12V\n\x17matrix_probe_detections\x18\x0c \x03(\x0b\x32\x35.briar.↵
VerifyDatabaseReply.MatrixProbeDetectionsEntry\x12Z\n\x19matrix_gallery_detections\x18\r \x03(\x0b\x32\x37.↵
briar.VerifyDatabaseReply.MatrixGalleryDetectionsEntry\x12T\n\x16matrix_probe_tracklets\x18\x0e \x03(\x0b\x32\x34.↵
briar.VerifyDatabaseReply.MatrixProbeTrackletsEntry\x12X\n\x18matrix_gallery_tracklets\x18\x0f \x03(\x0b\x32\x36.↵
briar.VerifyDatabaseReply.MatrixGalleryTrackletsEntry\x12V\n\x17matrix_probe_attributes\x18\x10 \x03(\x0b\x32\x35.↵
briar.VerifyDatabaseReply.MatrixProbeAttributesEntry\x12Z\n\x19matrix_gallery_attributes\x18\x11 \x03(\x0b\x32\x37.↵
briar.VerifyDatabaseReply.MatrixGalleryAttributesEntry\x12\n\x1fuses_integer_subject_id_gallery\x18\x05↵
\x01(\x08\x12"\n\x06\x65rrors\x18\x06 \x01(\x0b\x32\x12.briar.BriarErrors\x12&\n\x08progress\x18\x07↵
\x01(\x0b\x32\x14.briar.BriarProgress\x1a\n\x1aMatrixProbeDetectionsEntry\x12\x0b\n\x03key\x18\x01↵
\x01(\t\x12\x1f\n\x05value\x18\x02 \x01(\x0b\x32\x10.briar.Detection:\x02\x38\x01\x1aP\n\x1cMatrix↵
GalleryDetectionsEntry\x12\x0b\n\x03key\x18\x01 \x01(\t\x12\x1f\n\x05value\x18\x02 \x01(\x0b\x32\x10.↵
briar.Detection:\x02\x38\x01\x1aL\n\x19MatrixProbeTrackletsEntry\x12\x0b\n\x03key\x18\x01 \x01(\t\x12\x1e\n\x05value\x18\x01↵
\x01(\x0b\x32\x0f.briar.Tracklet:\x02\x38\x01\x1a\n\x1bMatrixGalleryTrackletsEntry\x12\x0b\n\x03key\x18\x01↵
\x01(\t\x12\x1e\n\x05value\x18\x02 \x01(\x0b\x32\x0f.briar.Tracklet:\x02\x38\x01\x1aR\n\x1aMatrix↵
ProbeAttributesEntry\x12\x0b\n\x03key\x18\x01 \x01(\t\x12#\n\x05value\x18\x02 \x01(\x0b\x32\x14.↵
briar.MediaMetadata:\x02\x38\x01\x1aT\n\x1cMatrixGalleryAttributesEntry\x12\x0b\n\x03key\x18\x01↵
\x01(\t\x12#\n\x05value\x18\x02 \x01(\x0b\x32\x14.briar.MediaMetadata:\x02\x38\x01"S\n\x17\x44\x61tabase↵
HasEntryRequest\x12&\n\x08\x64\x61tabase\x18\x01 \x01(\x0b\x32\x14.briar.BriarDatabase\x12\x10\n\x08\x65ntry↵
_id\x18\x03 \x01(\t"\x99\x01\n\x18\x44\x61tabaseMoveEntryRequest\x12+\n\trfrom_database\x18\x01↵
\x01(\x0b\x32\x14.briar.BriarDatabase\x12)\n\x0bto_database\x18\x02 \x01(\x0b\x32\x14.briar.Briar↵
Database\x12\x10\n\x08\x65ntry_id\x18\x03 \x01(\t\x12\x13\n\x0bshould_copy\x18\x04 \x01(\x08"d\n\x15\x44\x61tabase↵
HasEntryReply\x12\x0e\n\x06\x65xists\x18\x01 \x01(\x08\x12\x13\n\x0bis_complete\x18\x02 \x01(\x08\x12&\n\x08progress\x1↵
\x01(\x0b\x32\x14.briar.BriarProgress"Q\n\x16\x44\x61tabaseMoveEntryReply\x12\x0f\n\x07success\x18\x01↵
\x01(\x08\x12&\n\x08progress\x18\x02 \x01(\x0b\x32\x14.briar.BriarProgress"b\n\x0e\x43lusterRequest\x12&\n\x08\x64\x61ta↵
\x01(\x0b\x32\x14.briar.BriarDatabase\x12(\n\tdurations\x18\x03 \x01(\x0b\x32\x15.briar.BriarDurations"\xe3\x01\n\x0c\x43luster↵
Reply\x12&\n\x0b\x63luster_ids\x18\x01 \x03(\x0b\x32\x11.briar.ClusterIds\x12\x35\n\x13\x63luster_↵
confidences\x18\x02 \x03(\x0b\x32\x18.briar.ClusterConfidence\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\x08progress\x18\x05↵
\x01(\x0b\x32\x14.briar.BriarProgress"\xe5\x01\n\x0e\x45nhanceRequest\x12 \n\x05media\x18\x01 \x01(\x0b\x32\x11.↵
briar.BriarMedia\x12"\n\x08metadata\x18\x02 \x03(\x0b\x32\x10.briar.Attribute\x12!\n\x07options\x18\x03↵
\x03(\x0b\x32\x10.briar.Attribute\x12\x10\n\x08\x66rame_id\x18\x04 \x01(\x03\x12(\n\tdurations\x18\x05↵
\x01(\x0b\x32\x15.briar.BriarDurations\x12.\n\x0f\x65nhance_options\x18\x06 \x01(\x0b\x32\x15.briar.↵
EnhanceOptions"\xc3\x01\n\x0c\x45nhanceReply\x12 \n\x05media\x18\x01 \x01(\x0b\x32\x11.briar.↵
BriarMedia\x12(\n\tdurations\x18\x02 \x01(\x0b\x32\x15.briar.BriarDurations\x12&\n\x08progress\x18\x03↵
\x01(\x0b\x32\x14.briar.BriarProgress\x12"\n\x06\x65rrors\x18\x04 \x01(\x0b\x32\x12.briar.BriarErrors\x12\x1b\n\x13progress↵
_only_reply\x18\x05 \x01(\x08"A\n\x17\x44\x61tabaseFinalizeRequest\x12&\n\x08\x64\x61tabase\x18\x01↵
\x01(\x0b\x32\x14.briar.BriarDatabase"u\n\x15\x44\x61tabaseFinalizeReply\x12(\n\tdurations\x18\x01↵
\x01(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65rrors\x18\x02 \x01(\x0b\x32\x12.briar.BriarErrors\x12\x0e\n\x06\x65xists↵
\x01(\x08"\n BriarServiceConfigurationRequest"\xd6\x01\n\x1e\x42riarServiceConfigurationReply\x12\x1f\n\x17number↵
_of_service_ports\x18\x01 \x01(\x05\x12$\n\x1cnumber_of_processes_per_port\x18\x02 \x01(\x05\x12%\n\x1dnumber↵

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_of_threads_per_process\x18\x03 \x01(\x05\x12\n\x18reporting_process_number\x18\x04 \x01(\x05\x12\x11\n\tbase_
_port\x18\x05 \x01(\t\x12\x11\n\tport_list\x18\x06 \x03(\t\xbc\x13\n\x0c\x42RIARService\x12\x34\n\x06status\x12\x14.
briar.StatusRequest\x1a\x12.briar.StatusReply"\x00\x12\x38\n\x06\x64\x65tect\x12\x14.briar.Detect
Request\x1a\x12.briar.DetectReply"\x00(\x01\x30\x01\x12\x35\n\x05track\x12\x13.briar.TrackRequest\x1a\x11.
briar.TrackReply"\x00(\x01\x30\x01\x12;\n\x07\x65tract\x12\x15.briar.ExtractRequest\x1a\x13.briar.
ExtractReply"\x00(\x01\x30\x01\x12\x38\n\x06\x65nroll\x12\x14.briar.EnrollRequest\x1a\x12.briar.Enroll
Reply"\x00(\x01\x30\x01\x12J\n\x14sigset_enroll_custom\x12\x1a.briar.EnrollCustomRequest\x1a\x12.
briar.EnrollReply"\x00\x30\x01\x12@\n\x0e\x65nroll_subject\x12\x14.briar.EnrollRequest\x1a\x12.briar.
EnrollReply"\x00(\x01\x30\x01\x12\x36\n\x06verify\x12\x14.briar.VerifyRequest\x1a\x12.briar.Verify
Reply"\x00(\x01\x12\x38\n\x06search\x12\x14.briar.SearchRequest\x1a\x12.briar.SearchReply"\x00(\x01\x30\x01\x12;\n\x07
briar.EnhanceRequest\x1a\x13.briar.EnhanceReply"\x00(\x01\x30\x01\x12M\n\x0f\x64\x61tabase_
create\x12\x1c.briar.DatabaseCreateRequest\x1a\x1a.briar.DatabaseCreateReply"\x00\x12J\n\x0e\x64\x61tabase_
_merge\x12\x1b.briar.DatabaseMergeRequest\x1a\x19.briar.DatabaseMergeReply"\x00\x12M\n\x0f\x64\x61tabase_
_rename\x12\x1c.briar.DatabaseRenameRequest\x1a\x1a.briar.DatabaseRenameReply"\x00\x12M\n\x0f\x64\x61tabase_
_delete\x12\x1c.briar.DatabaseDeleteRequest\x1a\x1a.briar.DatabaseDeleteReply"\x00\x12G\n\rdatabase_
_load\x12\x1a.briar.DatabaseLoadRequest\x1a\x18.briar.DatabaseLoadReply"\x00\x12W\n\x11\x64\x61tabase_
_retrieve\x12\x1e.briar.DatabaseRetrieveRequest\x1a\x1c.briar.DatabaseRetrieveReply"\x00(\x01\x30\x01\x12
M\n\x0f\x64\x61tabase_insert\x12\x1c.briar.DatabaseInsertRequest\x1a\x1a.briar.DatabaseInsertReply"\x00\x12
G\n\rdatabase_list\x12\x1a.briar.DatabaseListRequest\x1a\x18.briar.DatabaseListReply"\x00\x12J\n\x15\x64\x61tabase_
_list_entries\x12!.briar.DatabaseListEntriesRequest\x1a\x1f.briar.DatabaseListentriesReply"\x00\x12
T\n\x12\x64\x61tabase_has_entry\x12\x1e.briar.DatabaseHasEntryRequest\x1a\x1c.briar.DatabaseHas
EntryReply"\x00\x12Z\n\x14\x64\x61tabase_has_entries\x12\x1e.briar.DatabaseHasEntryRequest\x1a\x1c.
briar.DatabaseHasEntryReply"\x00(\x01\x30\x01\x12W\n\x13\x64\x61tabase_move_entry\x12\x1f.briar.
DatabaseMoveEntryRequest\x1a\x1d.briar.DatabaseMoveEntryReply"\x00\x12J\n\x15\x64\x61tabase_
move_entries\x12\x1f.briar.DatabaseMoveEntryRequest\x1a\x1d.briar.DatabaseMoveEntryReply"\x00(\x01\x30\x01\x12
G\n\rdatabase_info\x12\x1a.briar.DatabaseInfoRequest\x1a\x18.briar.DatabaseInfoReply"\x00\x12\x61\n\x19\x64\x61tabase_
_remove_templates\x12!.briar.DatabaseRemoveTmplsRequest\x1a\x1f.briar.DatabaseRemoveTmpls
Reply"\x00\x12h\n\x1b\x64\x61tabase_checkpoint_subject\x12'.briar.DatabaseCheckpointSubject
Request\x1a\x1e.briar.DatabaseCheckpointReply"\x00\x12Y\n\x13\x64\x61tabase_checkpoint\x12 .briar.
DatabaseCheckpointRequest\x1a\x1e.briar.DatabaseCheckpointReply"\x00\x12S\n\x11\x64\x61tabase_
finalize\x12\x1e.briar.DatabaseFinalizeRequest\x1a\x1c.briar.DatabaseFinalizeReply"\x00\x12\x30\n\x10\x64\x61tabase_
_refresh\x12\x0c.briar.Empty\x1a\x0c.briar.Empty"\x00\x12W\n\x17\x64\x61tabase_compute_search\x12\x1c.
briar.SearchDatabaseRequest\x1a\x1a.briar.SearchDatabaseReply"\x00\x30\x01\x12U\n\x17\x64\x61tabase_
_compute_verify\x12\x1c.briar.VerifyDatabaseRequest\x1a\x1a.briar.VerifyDatabaseReply"\x00\x12m\n\x19get_
_service_configuration\x12'.briar.BriarServiceConfigurationRequest\x1a%.briar.BriarServiceConfiguration
Reply"\x00\x42\x12\xaa\x02\x0f\x62riar.BriarGrpcb\x06proto3')

```

6.6.1 Variable Documentation

6.6.1.1 DESCRIPTOR

```

briar.briar_grpc.briar_service_pb2.DESRIPTOR = _descriptor_pool.Default().AddSerialized(
File(b'\n$brar/briar_grpc/briar_service.proto\x12\x05\x62riar\x1a"\n$brar/briar_grpc/briar_
error.proto\x1a\x1c\x62riar/briar_grpc/briar.proto"\x07\n\x05\x45empty"\x03\n\x13\x44\x61tabase_
ListRequest\x12\r\n\x05regex\x18\x01 \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"\t\n\x11\x44\x61tabase_
InfoReply\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\x61tabase_
ListEntriesRequest\x12\x15\n\rdatabase_name\x18\x01 \x01(\t\x12(\n\tdurations\x18\x02 \x01(\x0b\x32\x15.
briar.BriarDurations"\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"\x0f\n\r↵
StatusRequest"\xee\x01\n\x0bStatusReply\x12\x16\n\x0e\x64\x65veloper_name\x18\x01 \x01(\t\x12\x11\n\tdev↵
_short\x18\x02 \x01(\t\x12\x14\n\x0cservice_name\x18\x03 \x01(\t\x12"\n\x07version\x18\x04
\x01(\x0b\x32\x11.briar.APIVersion\x12&\n\x0b\x61pi_version\x18\x05 \x01(\x0b\x32\x11.briar.↵
APIVersion\x12)\n\x06status\x18\x06 \x01(\x0e\x32\x19.briar.BriarServiceStatus\x12'\n\rconfiguration\x18\x07
\x03(\x0b\x32\x10.briar.Attribute"\x8d\x01\n\x15\x44\x61tabaseCreateRequest\x12&\n\x08\x64\x61tabase\x18\x01
\x01(\x0b\x32\x14.briar.BriarDatabase\x12"\n\x05tmps\x18\x02 \x01(\x0b\x32\x13.briar.↵
TemplateList\x12(\n\t durations\x18\x04 \x01(\x0b\x32\x15.briar.BriarDurations"\x84\x01\n\x13\x44\x61tabase↵
CreateReply\x12\x1f\n\x03ids\x18\x01 \x01(\x0b\x32\x12.briar.TemplateIds\x12(\n\t durations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65errors\x18\x03 \x01(\x0b\x32\x12.briar.↵
BriarErrors"\x91\x01\n\x19\x44\x61tabaseCheckpointRequest\x12&\n\x08\x64\x61tabase\x18\x01
\x01(\x0b\x32\x14.briar.BriarDatabase\x12(\n\t durations\x18\x04 \x01(\x0b\x32\x15.briar.↵
BriarDurations\x12"\n\x06\x65errors\x18\x03 \x01(\x0b\x32\x12.briar.BriarErrors"\xac\x01\n
DatabaseCheckpointSubjectRequest\x12&\n\x08\x64\x61tabase\x18\x01 \x01(\x0b\x32\x14.briar.↵
BriarDatabase\x12\x12\n\nsubject_id\x18\x02 \x01(\t\x12(\n\t durations\x18\x04 \x01(\x0b\x32\x15.↵
briar.BriarDurations\x12"\n\x06\x65errors\x18\x03 \x01(\x0b\x32\x12.briar.BriarErrors"w\n\x17\x44\x61tabase↵
CheckpointReply\x12(\n\t durations\x18\x02 \x01(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65errors\x18\x03
\x01(\x0b\x32\x12.briar.BriarErrors\x12\x0e\n\x06\x65xists\x18\x04 \x01(\x08"gn\x13\x44\x61tabase↵
LoadRequest\x12&\n\x08\x64\x61tabase\x18\x01 \x01(\x0b\x32\x14.briar.BriarDatabase\x12(\n\t durations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations"\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\t durations\x18\x03 \x01(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65errors\x18\x04
\x01(\x0b\x32\x12.briar.BriarErrors\x12\x0e\n\x06\x65xists\x18\x05 \x01(\x08"\xae\x01\n\x15\x44\x61tabase↵
InsertRequest\x12&\n\x08\x64\x61tabase\x18\x01 \x01(\x0b\x32\x14.briar.BriarDatabase\x12"\n\x05tmps\x18\x02
\x01(\x0b\x32\x13.briar.TemplateList\x12\x1f\n\x03ids\x18\x03 \x01(\x0b\x32\x12.briar.Template↵
Ids\x12(\n\t durations\x18\x04 \x01(\x0b\x32\x15.briar.BriarDurations"\x94\x01\n\x13\x44\x61tabase↵
InsertReply\x12\x1f\n\x03ids\x18\x01 \x01(\x0b\x32\x12.briar.TemplateIds\x12(\n\t durations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65errors\x18\x03 \x01(\x0b\x32\x12.briar.↵
BriarErrors\x12\x0e\n\x06\x65xists\x18\x04 \x01(\x08"\x8f\x01\n\x1a\x44\x61tabaseRemove↵
TmpsRequest\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\t durations\x18\x03 \x01(\x0b\x32\x15.briar.Briar↵
Durations"h\n\x18\x44\x61tabaseRemoveTmpsReply\x12(\n\t durations\x18\x01 \x01(\x0b\x32\x15.↵
briar.BriarDurations\x12"\n\x06\x65errors\x18\x02 \x01(\x0b\x32\x12.briar.BriarErrors"\x9c\x01\n\x14\x44\x61t
MergeRequest\x12+\n\r database_list\x18\x01 \x03(\x0b\x32\x14.briar.BriarDatabase\x12-\n\x0foutput↵
_database\x18\x02 \x01(\x0b\x32\x14.briar.BriarDatabase\x12(\n\t durations\x18\x03 \x01(\x0b\x32\x15.↵
briar.BriarDurations"c\n\x12\x44\x61tabaseMergeReply\x12(\n\t durations\x18\x01 \x01(\x0b\x32\x15.↵
briar.BriarDurations\x12\x13\n\x0b\x65ntry_count\x18\x02 \x01(\x03\x12\x0e\n\x06\x65xists\x18\x04
\x03(\x08"i\n\x15\x44\x61tabaseDeleteRequest\x12&\n\x08\x64\x61tabase\x18\x01 \x01(\x0b\x32\x14.↵
briar.BriarDatabase\x12(\n\t durations\x18\x02 \x01(\x0b\x32\x15.briar.BriarDurations"\x88\x01\n\x13\x44\x61ta
DeleteReply\x12(\n\t durations\x18\x01 \x01(\x0b\x32\x15.briar.BriarDurations\x12\x13\n\x0b\x65ntry↵
_count\x18\x02 \x01(\x03\x12"\n\x06\x65errors\x18\x03 \x01(\x0b\x32\x12.briar.BriarErrors\x12\x0e\n\x06\x65xis
\x01(\x08"kn\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"s\n\x13\x44\x6
RenameReply\x12(\n\t durations\x18\x01 \x01(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65errors\x18\x03
\x01(\x0b\x32\x12.briar.BriarErrors\x12\x0e\n\x06\x65xists\x18\x02 \x01(\x08"\xfbf\x01\n\r↵
DetectRequest\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$\n\nentry↵
_type\x18\x05 \x01(\x0e\x32\x10.briar.EntryType\x12\x12\n\nentry_name\x18\x06 \x01(\t\x12(\n\t durations\x18\x0
\x01(\x0b\x32\x15.briar.BriarDurations\x12/\n\x0e\x64\x65tect_options\x18\x08 \x01(\x0b\x32\x17.↵
briar.DetectionOptions"\xb0\x02\n\x0b\x44\x65tectReply\x12$\n\ndetections\x18\x01 \x03(\x0b\x32\x10.↵
briar.Detection\x12(\n\t durations\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\x65rron
\x01(\x0b\x32\x12.briar.BriarErrors\x12&\n\x08progress\x18\x06 \x01(\x0b\x32\x14.briar.Briar↵
Progress\x12*\n\x0freference_media\x18\x07 \x01(\x0b\x32\x11.briar.BriarMedia\x12\x1b\n\x13progress↵
_only_reply\x18\x08 \x01(\x08"\xb5\x01\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\t durat
\x01(\x0b\x32\x15.briar.BriarDurations\x12/\n\x0e\x64\x65tect_options\x18\x06 \x01(\x0b\x32\x17.↵
briar.DetectionOptions"\x82\x02\n\nTrackReply\x12"\n\t tracklets\x18\x01 \x03(\x0b\x32\x0f.↵

```

```
briar.Tracklet\x12(\n\tdurations\x18\x02 \x01(\x0b\x32\x15.briar.BriarDurations\x12\x11\n\tframe←
_ids\x18\x03 \x03(\x03\x12*\n\x08modality\x18\x05 \x01(\x0e\x32\x18.briar.BiometricModality\x12&\n\x08progress
\x01(\x0b\x32\x14.briar.BriarProgress\x12\n\n\x06\x65errors\x18\x07 \x01(\x0b\x32\x12.briar.←
BriarErrors\x12\x1b\n\x13progress_only_reply\x18\x08 \x01(\x08"\xe3\x01\n\x0e\x45extract←
Request\x12 \n\x05media\x18\x01 \x01(\x0b\x32\x11.briar.BriarMedia\x12(\n\tdurations\x18\x02
\x01(\x0b\x32\x15.briar.BriarDurations\x12$\n\ndetections\x18\x03 \x03(\x0b\x32\x10.briar.←
Detection\x12/\n\x0e\x64\x65tect_options\x18\x04 \x01(\x0b\x32\x17.briar.DetectionOptions\x12.\n\x0f\x65tract←
_options\x18\x05 \x01(\x0b\x32\x15.briar.ExtractOptions"\xd5\x02\n\x0c\x45extractReply\x12"\n\ttemplates\x18
\x03(\x0b\x32\x0f.briar.Template\x12\x10\n\x08\x66frame_id\x18\x03 \x01(\x03\x12(\n\tdurations\x18\x04
\x01(\x0b\x32\x15.briar.BriarDurations\x12*\n\x08modality\x18\x05 \x01(\x0e\x32\x18.briar.←
BiometricModality\x12(\n\x0c\x64\x65tect_reply\x18\x06 \x01(\x0b\x32\x12.briar.DetectReply\x12&\n\x0btrack←
_reply\x18\x07 \x01(\x0b\x32\x11.briar.TrackReply\x12"\n\x06\x65errors\x18\x08 \x01(\x0b\x32\x12.←
briar.BriarErrors\x12&\n\x08progress\x18\t \x01(\x0b\x32\x14.briar.BriarProgress\x12\x1b\n\x13progress←
_only_reply\x18\n \x01(\x08"\x8c\x01\n\x17\x44\x61tabaseRetrieveRequest\x12&\n\x08\x64\x61tabase\x18\x01
\x01(\x0b\x32\x14.briar.BriarDatabase\x12\x1f\n\x03ids\x18\x02 \x01(\x0b\x32\x12.briar.←
TemplateIds\x12(\n\tdurations\x18\x03 \x01(\x0b\x32\x15.briar.BriarDurations"\xb3\x01\n\x15\x44\x61tabase←
RetrieveReply\x12&\n\ttemplates\x18\x01 \x01(\x0b\x32\x13.briar.TemplateList\x12$\n\x07records\x18\x02
\x01(\x0b\x32\x13.briar.TemplateList\x12(\n\tdurations\x18\x03 \x01(\x0b\x32\x15.briar.Briar←
Durations\x12"\n\x06\x65errors\x18\x04 \x01(\x0b\x32\x12.briar.BriarErrors"\xa3\x02\n\x13\x45nroll←
CustomRequest\x12\x16\n\x0esigset_encoded\x18\x01 \x01(\x0c\x12\x13\n\x0bsigset_name\x18\x02
\x01(\t\x12&\n\x08\x64\x61tabase\x18\x03 \x01(\x0b\x32\x14.briar.BriarDatabase\x12(\n\tdurations\x18\x04
\x01(\x0b\x32\x15.briar.BriarDurations\x12/\n\x0e\x64\x65tect_options\x18\x05 \x01(\x0b\x32\x17.←
briar.DetectionOptions\x12.\n\x0f\x65tract_options\x18\x06 \x01(\x0b\x32\x15.briar.Extract←
Options\x12,\n\x0e\x65nroll_options\x18\x07 \x01(\x0b\x32\x14.briar.EnrollOptions"\x96\x04\n\r←
EnrollRequest\x12 \n\x05media\x18\x01 \x01(\x0b\x32\x11.briar.BriarMedia\x12\r\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\x13\n\x0bsubject_ids\x18\x05 \x03(\t\x12\x1f\n\x06tracks\x18\x08 \x03(\x0b\x32\x0f.←
briar.Tracklet\x12'\n\x0b\x65nroll_flag\x18\t \x01(\x0e\x32\x12.briar.EnrollFlags\x12$\n\ndetections\x18\n
\x03(\x0b\x32\x10.briar.Detection\x12!\n\x08template\x18\x0b \x01(\x0b\x32\x0f.briar.Template\x12\x1d\n\x06rec←
\x01(\x0b\x32\r.briar.Record\x12(\n\tdurations\x18\r \x01(\x0b\x32\x15.briar.BriarDurations\x12/\n\x0e\x64\x65←
_options\x18\x0e \x01(\x0b\x32\x17.briar.DetectionOptions\x12.\n\x0f\x65tract_options\x18\x0f
\x01(\x0b\x32\x15.briar.ExtractOptions\x12,\n\x0e\x65nroll_options\x18\x10 \x01(\x0b\x32\x14.←
briar.EnrollOptions\x12\x1a\n\x12subject_id_integer\x18\x11 \x01(\x05"\x82\x03\n\x0b\x45nroll←
Reply\x12$\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\x0btrack_reply\x18\x05 \x01(\x0b\x32\x11.←
briar.TrackReply\x12*\n\rextract_reply\x18\x06 \x01(\x0b\x32\x13.briar.ExtractReply\x12"\n\x06\x65errors\x18\x07
\x01(\x0b\x32\x12.briar.BriarErrors\x12*\n\x0b\x65nrollments\x18\x08 \x03(\x0b\x32\x15.briar.←
EnrollmentInfo\x12&\n\x08progress\x18\t \x01(\x0b\x32\x14.briar.BriarProgress\x12\x1b\n\x13progress←
_only_reply\x18\n \x01(\x08"\xb8\x03\n\rVerifyRequest\x12 \n\x05media\x18\x01 \x01(\x0b\x32\x11.←
briar.BriarMedia\x12-\n\x04role\x18\x02 \x01(\x0e\x32\x1f.briar.VerifyRequest.VerifyRole\x12$\n\ndetections\x1
\x03(\x0b\x32\x10.briar.Detection\x12,\n\x0freference_tmpls\x18\x04 \x01(\x0b\x32\x13.briar.←
TemplateList\x12(\n\tdurations\x18\x05 \x01(\x0b\x32\x15.briar.BriarDurations\x12/\n\x0e\x64\x65tect←
_options\x18\x06 \x01(\x0b\x32\x17.briar.DetectionOptions\x12.\n\x0f\x65tract_options\x18\x07
\x01(\x0b\x32\x15.briar.ExtractOptions\x12,\n\x0everify_options\x18\x08 \x01(\x0b\x32\x14.←
briar.VerifyOptions\x12 \n\x04\x66lag\x18\t \x01(\x0e\x32\x12.briar.VerifyFlags"\'\n\n←
VerifyRole\x12\r\n\treference\x10\x00\x12\n\n\x06verify\x10\x01"\xfc\x01\n\x0bVerifyReply\x12,\n\x0csimilarit←
\x01(\x0b\x32\x16.briar.VerifyMatchList\x12(\n\tdurations\x18\x02 \x01(\x0b\x32\x15.briar.←
BriarDurations\x12(\n\x0c\x64\x65tect_reply\x18\x04 \x01(\x0b\x32\x12.briar.DetectReply\x12*\n\rextract←
_reply\x18\x05 \x01(\x0b\x32\x13.briar.ExtractReply\x12"\n\x06\x65errors\x18\x03 \x01(\x0b\x32\x12.←
briar.BriarErrors\x12\x1b\n\x13progress_only_reply\x18\x06 \x01(\x08"\xdd\x02\n\rSearch←
Request\x12&\n\x08\x64\x61tabase\x18\x04 \x01(\x0b\x32\x14.briar.BriarDatabase\x12 \n\x05media\x18\x01
\x01(\x0b\x32\x11.briar.BriarMedia\x12$\n\ndetections\x18\x02 \x03(\x0b\x32\x10.briar.Detection\x12#\n\x06prob←
\x01(\x0b\x32\x13.briar.TemplateList\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.Extract←
Options\x12,\n\x0esearch_options\x18\x0b \x01(\x0b\x32\x14.briar.SearchOptions\x12(\n\tdurations\x18\x08
\x01(\x0b\x32\x15.briar.BriarDurations"\xde\x01\n\x15SearchDatabaseRequest\x12&\n\x08\x64\x61tabase\x18\x04
\x01(\x0b\x32\x14.briar.BriarDatabase\x12,\n\x0eprobe_database\x18\x07 \x01(\x0b\x32\x14.←
```

```

briar.BriarDatabase\x12\x17\n\x0fprobe_entry_ids\x18\x0c \x03(\t\x12,\n\x0esearch_options\x18\x0b
\x01(\x0b\x32\x14.briar.SearchOptions\x12(\n\tdurations\x18\x08 \x01(\x0b\x32\x15.briar.↵
BriarDurations"\x0d\x02\n\x0bSearchReply\x12,\n\x0csimilarities\x18\x01 \x03(\x0b\x32\x16.↵
briar.SearchMatchList\x12*\n\x10probe_detections\x18\x02 \x03(\x0b\x32\x10.briar.Detection\x12(\n\tdurations\x
\x01(\x0b\x32\x15.briar.BriarDurations\x12(\n\x0c\x64\x65tect_reply\x18\x04 \x01(\x0b\x32\x12.↵
briar.DetectReply\x12*\n\rextract_reply\x18\x05 \x01(\x0b\x32\x13.briar.ExtractReply\x12"\n\x06\x65rrors\x18
\x01(\x0b\x32\x12.briar.BriarErrors\x12&\n\x08progress\x18\x07 \x01(\x0b\x32\x14.briar.Briar↵
Progress\x12\x1b\n\x13progress_only_reply\x18\x08 \x01(\x08"\xb9\x01\n\x13SearchDatabase↵
Reply\x12,\n\x0csimilarities\x18\x01 \x03(\x0b\x32\x16.briar.SearchMatchList\x12(\n\tdurations\x18\x03
\x03(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65rrors\x18\x06 \x01(\x0b\x32\x12.briar.↵
BriarErrors\x12&\n\x08progress\x18\x07 \x01(\x0b\x32\x14.briar.BriarProgress"\xe9\x01\n\x15↵
VerifyDatabaseRequest\x12\x30\n\x12reference_database\x18\x04 \x01(\x0b\x32\x14.briar.Briar↵
Database\x12-\n\x0fverify_database\x18\x07 \x01(\x0b\x32\x14.briar.BriarDatabase\x12\x17\n\x0fprobe↵
_entry_ids\x18\x0c \x03(\t\x12,\n\x0everify_options\x18\x0b \x01(\x0b\x32\x14.briar.Verify↵
Options\x12(\n\tdurations\x18\x08 \x01(\x0b\x32\x15.briar.BriarDurations"\xb6\t\n\x13Verify↵
DatabaseReply\x12(\n\x0cmatch_matrix\x18\t \x01(\x0b\x32\x12.briar.BriarMatrix\x12V\n\x17matrix↵
_probe_detections\x18\x0c \x03(\x0b\x32\x35.briar.VerifyDatabaseReply.MatrixProbeDetections↵
Entry\x12Z\n\x19matrix_gallery_detections\x18\r \x03(\x0b\x32\x37.briar.VerifyDatabaseReply.↵
MatrixGalleryDetectionsEntry\x12T\n\x16matrix_probe_tracklets\x18\x0e \x03(\x0b\x32\x34.↵
briar.VerifyDatabaseReply.MatrixProbeTrackletsEntry\x12X\n\x18matrix_gallery_tracklets\x18\x0f
\x03(\x0b\x32\x36.briar.VerifyDatabaseReply.MatrixGalleryTrackletsEntry\x12V\n\x17matrix_↵
probe_attributes\x18\x10 \x03(\x0b\x32\x35.briar.VerifyDatabaseReply.MatrixProbeAttributes↵
Entry\x12Z\n\x19matrix_gallery_attributes\x18\x11 \x03(\x0b\x32\x37.briar.VerifyDatabase↵
Reply.MatrixGalleryAttributesEntry\x12'\n\x1fuses_integer_subject_id_gallery\x18\x05 \x01(\x08\x12"\n\x06\x6
\x01(\x0b\x32\x12.briar.BriarErrors\x12&\n\x08progress\x18\x07 \x01(\x0b\x32\x14.briar.Briar↵
Progress\x1aN\n\x1aMatrixProbeDetectionsEntry\x12\x0b\n\x03key\x18\x01 \x01(\t\x12\x1f\n\x05value\x18\x02
\x01(\x0b\x32\x10.briar.Detection:\x02\x38\x01\x1aP\n\x1cMatrixGalleryDetectionsEntry\x12\x0b\n\x03key\x18\x01
\x01(\t\x12\x1f\n\x05value\x18\x02 \x01(\x0b\x32\x10.briar.Detection:\x02\x38\x01\x1aL\n\x19↵
MatrixProbeTrackletsEntry\x12\x0b\n\x03key\x18\x01 \x01(\t\x12\x1e\n\x05value\x18\x02 \x01(\x0b\x32\x0f.↵
briar.Tracklet:\x02\x38\x01\x1aN\n\x1bMatrixGalleryTrackletsEntry\x12\x0b\n\x03key\x18\x01
\x01(\t\x12\x1e\n\x05value\x18\x02 \x01(\x0b\x32\x0f.briar.Tracklet:\x02\x38\x01\x1aR\n\x1a↵
MatrixProbeAttributesEntry\x12\x0b\n\x03key\x18\x01 \x01(\t\x12#\n\x05value\x18\x02 \x01(\x0b\x32\x14.↵
briar.MediaMetadata:\x02\x38\x01\x1aT\n\x1cMatrixGalleryAttributesEntry\x12\x0b\n\x03key\x18\x01
\x01(\t\x12#\n\x05value\x18\x02 \x01(\x0b\x32\x14.briar.MediaMetadata:\x02\x38\x01"S\n\x17\x44\x61tabase↵
HasEntryRequest\x12&\n\x08\x64\x61tabase\x18\x01 \x01(\x0b\x32\x14.briar.BriarDatabase\x12\x10\n\x08\x65ntry↵
_id\x18\x03 \x01(\t"\x99\x01\n\x18\x44\x61tabaseMoveEntryRequest\x12+\n\rfrom_database\x18\x01
\x01(\x0b\x32\x14.briar.BriarDatabase\x12)\n\x0bto_database\x18\x02 \x01(\x0b\x32\x14.briar.↵
BriarDatabase\x12\x10\n\x08\x65ntry_id\x18\x03 \x01(\t\x12\x13\n\x0bshould_copy\x18\x04 \x01(\x08"d\n\x15\x44
HasEntryReply\x12\x0e\n\x06\x65xists\x18\x01 \x01(\x08\x12\x13\n\x0bis_complete\x18\x02 \x01(\x08\x12&\n\x08pr
\x01(\x0b\x32\x14.briar.BriarProgress"Q\n\x16\x44\x61tabaseMoveEntryReply\x12\x0f\n\x07success\x18\x01
\x01(\x08\x12&\n\x08progress\x18\x02 \x01(\x0b\x32\x14.briar.BriarProgress"b\n\x0e\x43luster↵
Request\x12&\n\x08\x64\x61tabase\x18\x01 \x01(\x0b\x32\x14.briar.BriarDatabase\x12(\n\tdurations\x18\x03
\x01(\x0b\x32\x15.briar.BriarDurations"\xe3\x01\n\x0c\x43lusterReply\x12&\n\x0b\x63luster↵
_ids\x18\x01 \x03(\x0b\x32\x11.briar.ClusterIds\x12\x35\n\x13\x63luster_confidences\x18\x02
\x03(\x0b\x32\x18.briar.ClusterConfidence\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\x08progress\x18\x05
\x01(\x0b\x32\x14.briar.BriarProgress"\xe5\x01\n\x0e\x45nhanceRequest\x12 \n\x05media\x18\x01
\x01(\x0b\x32\x11.briar.BriarMedia\x12"\n\x08metadata\x18\x02 \x03(\x0b\x32\x10.briar.↵
Attribute\x12!\n\x07options\x18\x03 \x03(\x0b\x32\x10.briar.Attribute\x12\x10\n\x08\x66rame_↵
id\x18\x04 \x01(\x03\x12(\n\tdurations\x18\x05 \x01(\x0b\x32\x15.briar.BriarDurations\x12.\n\x0f\x65nhance↵
_options\x18\x06 \x01(\x0b\x32\x15.briar.EnhanceOptions"\xc3\x01\n\x0c\x45nhanceReply\x12
\n\x05media\x18\x01 \x01(\x0b\x32\x11.briar.BriarMedia\x12(\n\tdurations\x18\x02 \x01(\x0b\x32\x15.↵
briar.BriarDurations\x12&\n\x08progress\x18\x03 \x01(\x0b\x32\x14.briar.BriarProgress\x12"\n\x06\x65rrors\x18
\x01(\x0b\x32\x12.briar.BriarErrors\x12\x1b\n\x13progress_only_reply\x18\x05 \x01(\x08"A\n\x17\x44\x61tabase↵
FinalizeRequest\x12&\n\x08\x64\x61tabase\x18\x01 \x01(\x0b\x32\x14.briar.BriarDatabase"u\n\x15\x44\x61tabase↵
FinalizeReply\x12(\n\tdurations\x18\x01 \x01(\x0b\x32\x15.briar.BriarDurations\x12"\n\x06\x65rrors\x18\x02
\x01(\x0b\x32\x12.briar.BriarErrors\x12\x0e\n\x06\x65xists\x18\x03 \x01(\x08"\n Briar↵
ServiceConfigurationRequest"\xd6\x01\n\x1e\x42riarServiceConfigurationReply\x12\x1f\n\x17number↵

```



```

_of_service_ports\x18\x01 \x01(\x05\x12$\n\x1cnumber_of_processes_per_port\x18\x02 \x01(\x05\x12%\n\x1dnumber_of_threads_per_process\x18\x03 \x01(\x05\x12 \n\x1ereporting_process_number\x18\x04 \x01(\x05\x12\x11\n\tbase_port\x18\x05 \x01(\t\x12\x11\n\tport_list\x18\x06 \x03(\t2\xbc\x13\n\x0c\x42RIARService\x12\x34\n\x06status\x12\x35briar.StatusRequest\x1a\x12.briar.StatusReply"\x00\x12\x38\n\x06\x64\x65tect\x12\x14.briar.↵
DetectRequest\x1a\x12.briar.DetectReply"\x00(\x01\x30\x01\x12\x35\n\x05track\x12\x13.briar.↵
TrackRequest\x1a\x11.briar.TrackReply"\x00(\x01\x30\x01\x12;\n\x07\x65tract\x12\x15.briar.↵
ExtractRequest\x1a\x13.briar.ExtractReply"\x00(\x01\x30\x01\x12\x38\n\x06\x65nroll\x12\x14.↵
briar.EnrollRequest\x1a\x12.briar.EnrollReply"\x00(\x01\x30\x01\x12J\n\x14sigset_enroll_↵
custom\x12\x1a.briar.EnrollCustomRequest\x1a\x12.briar.EnrollReply"\x00\x30\x01\x12@\n\x0e\x65nroll_↵
_subject\x12\x14.briar.EnrollRequest\x1a\x12.briar.EnrollReply"\x00(\x01\x30\x01\x12\x36\n\x06verify\x12\x14.↵
briar.VerifyRequest\x1a\x12.briar.VerifyReply"\x00(\x01\x12\x38\n\x06search\x12\x14.briar.↵
SearchRequest\x1a\x12.briar.SearchReply"\x00(\x01\x30\x01\x12;\n\x07\x65nhance\x12\x15.↵
briar.EnhanceRequest\x1a\x13.briar.EnhanceReply"\x00(\x01\x30\x01\x12M\n\x0f\x64\x61tbase↵
_create\x12\x1c.briar.DatabaseCreateRequest\x1a\x1a.briar.DatabaseCreateReply"\x00\x12↵
J\n\x0e\x64\x61tbase_merge\x12\x1b.briar.DatabaseMergeRequest\x1a\x19.briar.DatabaseMerge↵
Reply"\x00\x12M\n\x0f\x64\x61tbase_rename\x12\x1c.briar.DatabaseRenameRequest\x1a\x1a.↵
briar.DatabaseRenameReply"\x00\x12M\n\x0f\x64\x61tbase_delete\x12\x1c.briar.DatabaseDelete↵
Request\x1a\x1a.briar.DatabaseDeleteReply"\x00\x12G\n\rdatabase_load\x12\x1a.briar.Database↵
LoadRequest\x1a\x18.briar.DatabaseLoadReply"\x00\x12W\n\x11\x64\x61tbase_retrieve\x12\x1e.↵
briar.DatabaseRetrieveRequest\x1a\x1c.briar.DatabaseRetrieveReply"\x00(\x01\x30\x01\x12↵
M\n\x0f\x64\x61tbase_insert\x12\x1c.briar.DatabaseInsertRequest\x1a\x1a.briar.Database↵
InsertReply"\x00\x12G\n\rdatabase_list\x12\x1a.briar.DatabaseListRequest\x1a\x18.briar.↵
DatabaseListReply"\x00\x12J\n\x15\x64\x61tbase_list_entries\x12!.briar.DatabaseListEntries↵
Request\x1a\x1f.briar.DatabaseListEntriesReply"\x00\x12T\n\x12\x64\x61tbase_has_entry\x12\x1e.↵
briar.DatabaseHasEntryRequest\x1a\x1c.briar.DatabaseHasEntryReply"\x00\x12Z\n\x14\x64\x61tbase↵
_has_entries\x12\x1e.briar.DatabaseHasEntryRequest\x1a\x1c.briar.DatabaseHasEntryReply"\x00(\x01\x30\x01\x12↵
W\n\x13\x64\x61tbase_move_entry\x12\x1f.briar.DatabaseMoveEntryRequest\x1a\x1d.briar.Database↵
MoveEntryReply"\x00\x12J\n\x15\x64\x61tbase_move_entries\x12\x1f.briar.DatabaseMoveEntry↵
Request\x1a\x1d.briar.DatabaseMoveEntryReply"\x00(\x01\x30\x01\x12G\n\rdatabase_info\x12\x1a.↵
briar.DatabaseInfoRequest\x1a\x18.briar.DatabaseInfoReply"\x00\x12\x61\n\x19\x64\x61tbase↵
_remove_templates\x12!.briar.DatabaseRemoveTmplsRequest\x1a\x1f.briar.DatabaseRemoveTmpls↵
Reply"\x00\x12h\n\x1b\x64\x61tbase_checkpoint_subject\x12'.briar.DatabaseCheckpointSubject↵
Request\x1a\x1e.briar.DatabaseCheckpointReply"\x00\x12Y\n\x13\x64\x61tbase_checkpoint\x12↵
.briar.DatabaseCheckpointRequest\x1a\x1e.briar.DatabaseCheckpointReply"\x00\x12S\n\x11\x64\x61tbase↵
_finalize\x12\x1e.briar.DatabaseFinalizeRequest\x1a\x1c.briar.DatabaseFinalizeReply"\x00\x12\x30\n\x10\x64\x61tbase↵
_refresh\x12\x0c.briar.Empty\x1a\x0c.briar.Empty"\x00\x12W\n\x17\x64\x61tbase_compute_↵
search\x12\x1c.briar.SearchDatabaseRequest\x1a\x1a.briar.SearchDatabaseReply"\x00\x30\x01\x12↵
U\n\x17\x64\x61tbase_compute_verify\x12\x1c.briar.VerifyDatabaseRequest\x1a\x1a.briar.↵
VerifyDatabaseReply"\x00\x12m\n\x19get_service_configuration\x12'.briar.BriarServiceConfiguration↵
Request\x1a%.briar.BriarServiceConfigurationReply"\x00\x42\x12\xaa\x02\x0f\x62riar.Briar↵
Grpcb\x06proto3')

```

6.7 briar.briar_grpc.briar_service_pb2_grpc Namespace Reference

Classes

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

Functions

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

Variables

- string `GRPC_GENERATED_VERSION` = '1.68.1'
- `GRPC_VERSION` = `grpc.__version__`

6.7.1 Function Documentation

6.7.1.1 `add_BRIARServiceServicer_to_server()`

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

6.7.2 Variable Documentation

6.7.2.1 `GRPC_GENERATED_VERSION`

```
string briar.briar_grpc.briar_service_pb2_grpc.GRPC_GENERATED_VERSION = '1.68.1'
```

6.7.2.2 `GRPC_VERSION`

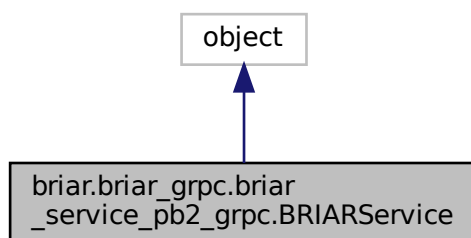
```
briar.briar_grpc.briar_service_pb2_grpc.GRPC_VERSION = grpc.__version__
```

Chapter 7

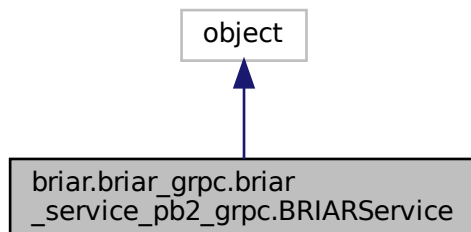
Class Documentation

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`:



- 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 [get_service_configuration](#) (request, 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 [sigset_enroll_custom](#) (request, 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_iterator, 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 database_checkpoint()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_checkpoint (
    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_checkpoint_subject()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_checkpoint_subject (
    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_compute_search()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_compute_search (
    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_compute_verify()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_compute_verify (
    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_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]
```

7.1.2.6 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]
```

7.1.2.7 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]
```

7.1.2.8 database_has_entries()

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

7.1.2.9 database_has_entry()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_has_entry (
    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_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]
```


7.1.2.11 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]
```

7.1.2.12 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]
```

7.1.2.13 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]
```

7.1.2.14 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]
```

7.1.2.15 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]
```

7.1.2.16 database_move_entries()

```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.database_move_entries (
    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 database_move_entry()

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

7.1.2.18 database_refresh()

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

7.1.2.19 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]
```

7.1.2.20 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]
```

7.1.2.21 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]
```

7.1.2.22 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]
```

7.1.2.23 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]
```

7.1.2.24 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]
```

7.1.2.25 enroll_subject()

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

7.1.2.26 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]
```

7.1.2.27 get_service_configuration()

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

7.1.2.28 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]
```

7.1.2.29 sigset_enroll_custom()

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

7.1.2.30 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]
```

7.1.2.31 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]
```

7.1.2.32 verify()

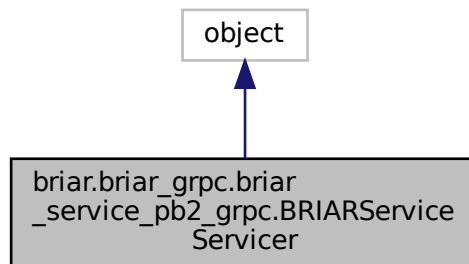
```
def briar.briar_grpc.briar_service_pb2_grpc.BRIARService.verify (
    request_iterator,
    target,
    options = (),
    channel_credentials = None,
    call_credentials = None,
    insecure = False,
    compression = None,
    wait_for_ready = None,
    timeout = None,
    metadata = None ) [static]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

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

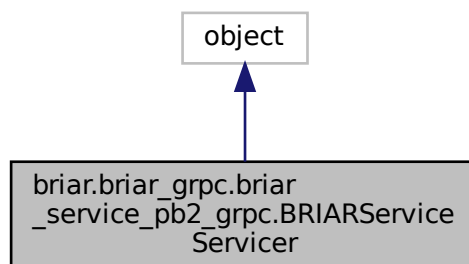
- /home/qdb/git/briar-api/lib/python/briar/briar_grpc/briar_service_pb2_grpc.py

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 [database_checkpoint](#) (self, request, context)
- def [database_checkpoint_subject](#) (self, request, context)
- def [database_compute_search](#) (self, request, context)
- def [database_compute_verify](#) (self, request, context)
- def [database_create](#) (self, request, context)
- def [database_delete](#) (self, request, context)
- def [database_finalize](#) (self, request, context)
- def [database_has_entries](#) (self, request_iterator, context)
- def [database_has_entry](#) (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_move_entries](#) (self, request_iterator, context)
- def [database_move_entry](#) (self, request, context)
- def [database_refresh](#) (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 [enroll_subject](#) (self, request_iterator, context)
- def [extract](#) (self, request_iterator, context)
- def [get_service_configuration](#) (self, request, context)
- def [search](#) (self, request_iterator, context)
- def [sigset_enroll_custom](#) (self, request, context)
- def [status](#) (self, request, context)
- def [track](#) (self, request_iterator, context)
- def [verify](#) (self, request_iterator, 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 database_checkpoint()

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

OPTIONAL will save a database's progress without finalizing

7.2.2.2 database_checkpoint_subject()

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

OPTIONAL will signal to your algorithm that the media for a specific subject is finished, and possible finalizing

7.2.2.3 database_compute_search()

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

REQUIRED FOR PHASE 1 EVALUATION Given two database names compute a set of search results of size ProbeDatabase. The matrix may be used for testing, analysis, client side clustering, etc. This may needed to be implemented to support evaluations in the future.

7.2.2.4 database_compute_verify()

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

REQUIRED FOR PHASE 1 EVALUATION 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.

7.2.2.5 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.

7.2.2.6 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.

7.2.2.7 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.

7.2.2.8 database_has_entries()

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

Missing associated documentation comment in .proto file.

7.2.2.9 database_has_entry()

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

Missing associated documentation comment in .proto file.

7.2.2.10 database_info()

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

REQUIRED FOR PHASE 1 EVALUATION Return the associated summary information of a specific database.

7.2.2.11 database_insert()

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

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

7.2.2.12 database_list()

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

REQUIRED FOR PHASE 1 EVALUATION List the names of the galleries on this service.

7.2.2.13 database_list_entries()

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

REQUIRED FOR PHASE 1 EVALUATION List the enrollments and associated metadata in the database.

7.2.2.14 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.

7.2.2.15 database_merge()

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

REQUIRED FOR PHASE 1 EVALUATION Merge a set of databases into a single database.

7.2.2.16 database_move_entries()

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

Missing associated documentation comment in .proto file.

7.2.2.17 database_move_entry()

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

Missing associated documentation comment in .proto file.

7.2.2.18 database_refresh()

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

REQUIRED explicit call to refresh the database list within the service, in case new databases were created by

7.2.2.19 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.

7.2.2.20 database_rename()

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

REQUIRED Rename a database on the server. This should rename the database.

7.2.2.21 database_retrieve()

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

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

7.2.2.22 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.

7.2.2.23 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

7.2.2.24 enroll()

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

REQUIRED FOR PHASE 1 EVALUATION Detect and extracts templates from media and enrolls the results in a database

7.2.2.25 enroll_subject()

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

DEPRECATED for use only with legacy systems

7.2.2.26 extract()

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

REQUIRED Run feature extraction on the provided detection.

7.2.2.27 get_service_configuration()

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

Missing associated documentation comment in .proto file.

7.2.2.28 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.

7.2.2.29 sigset_enroll_custom()

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

OPTIONAL FOR PHASE 1 EVALUATION, NOT FOR GENERAL PURPOSE USE

7.2.2.30 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.

7.2.2.31 track()

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

OPTIONAL To run tracking on video media.

7.2.2.32 verify()

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

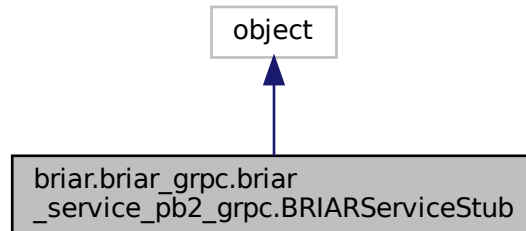
REQUIRED Compare two template ids and verify if they are the same person.

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

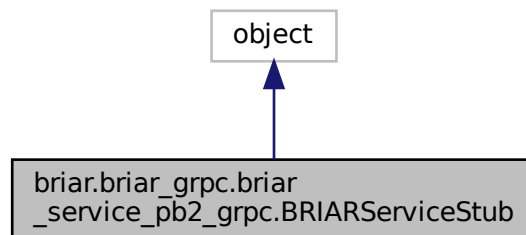
- [/home/qdb/git/briar-api/lib/python/briar/briar_grpc/briar_service_pb2_grpc.py](#)

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

- [database_checkpoint](#)
- [database_checkpoint_subject](#)
- [database_compute_search](#)
- [database_compute_verify](#)
- [database_create](#)
- [database_delete](#)
- [database_finalize](#)
- [database_has_entries](#)

- [database_has_entry](#)
- [database_info](#)
- [database_insert](#)
- [database_list](#)
- [database_list_entries](#)
- [database_load](#)
- [database_merge](#)
- [database_move_entries](#)
- [database_move_entry](#)
- [database_refresh](#)
- [database_remove_templates](#)
- [database_rename](#)
- [database_retrieve](#)
- [detect](#)
- [enhance](#)
- [enroll](#)
- [enroll_subject](#)
- [extract](#)
- [get_service_configuration](#)
- [search](#)
- [sigset_enroll_custom](#)
- [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.

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 provided 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 `database_checkpoint`

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_checkpoint`

7.3.3.2 `database_checkpoint_subject`

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_checkpoint_subject`

7.3.3.3 `database_compute_search`

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_compute_search`

7.3.3.4 `database_compute_verify`

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_compute_verify`

7.3.3.5 `database_create`

`briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_create`

7.3.3.6 database_delete

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_delete

7.3.3.7 database_finalize

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_finalize

7.3.3.8 database_has_entries

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_has_entries

7.3.3.9 database_has_entry

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_has_entry

7.3.3.10 database_info

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_info

7.3.3.11 database_insert

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_insert

7.3.3.12 database_list

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_list

7.3.3.13 database_list_entries

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_list_entries

7.3.3.14 database_load

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_load
```

7.3.3.15 database_merge

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_merge
```

7.3.3.16 database_move_entries

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_move_entries
```

7.3.3.17 database_move_entry

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_move_entry
```

7.3.3.18 database_refresh

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_refresh
```

7.3.3.19 database_remove_templates

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_remove_templates
```

7.3.3.20 database_rename

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_rename
```

7.3.3.21 database_retrieve

```
briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.database_retrieve
```

7.3.3.22 detect

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.detect

7.3.3.23 enhance

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.enhance

7.3.3.24 enroll

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.enroll

7.3.3.25 enroll_subject

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.enroll_subject

7.3.3.26 extract

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.extract

7.3.3.27 get_service_configuration

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.get_service_configuration

7.3.3.28 search

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.search

7.3.3.29 sigset_enroll_custom

briar.briar_grpc.briar_service_pb2_grpc.BRIARServiceStub.sigset_enroll_custom

7.3.3.30 status

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

7.3.3.31 track

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

7.3.3.32 verify

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

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

- /home/qdb/git/briar-api/lib/python/briar/briar_grpc/briar_service_pb2_grpc.py

File Documentation

Namespaces

- 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.

Namespaces

- ## Variables

- Generated by Doxygen

8.3 /home/qdb/git/briar-api/lib/python/briar/briar_grpc/briar_error_pb2_grpc.py File Reference

Namespaces

- [briar.briar_grpc.briar_error_pb2_grpc](#)

Variables

- string [briar.briar_grpc.briar_error_pb2_grpc.GRPC_GENERATED_VERSION](#) = '1.68.1'
- [briar.briar_grpc.briar_error_pb2_grpc.GRPC_VERSION](#) = grpc.__version__

8.4 /home/qdb/git/briar-api/lib/python/briar/briar_grpc/briar_pb2.py File Reference

Namespaces

- [briar.briar_grpc.briar_pb2](#)

Variables

- [briar.briar_grpc.briar_pb2.DESRIPTOR](#) = _descriptor_pool.Default().AddSerializedFile(b'\n\x1c\x62riar/briar↵_grpc/briar.proto\x12\x05\x62riar\x9\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\x17\n\x0cStringOption\x12\x18\n\x10override_default\x18\x01 \x01(\x08\x12\r\n\x05value\x18\x02 \x01(\t\x15\nBoolOption\x12\x18\n\x10override_default\x18\x01 \x01(\x08\x12\r\n\x05value\x18\x02 \x01(\x03\x16\n\x0b\x46loatOption\x12\x18\n\x10override_default\x18\x01 \x01(\x08\x12\r\n\x05value\x18\x02 \x01(\x02\x1\xbf\x05\n\n↵BriarMedia\x12\r\n\x05width\x18\x01 \x01(\x05\x12\x0e\n\x06height\x18\x02 \x01(\x05\x12\x10\n\x08\x63hannels\x18\x03 \x01(\x05\x12\x13\n\x0b\x66rame_count\x18\x04 \x01(\x05\x12\x13\n\x0b\x66rame_start\x18\x05 \x01(\x05\x12\x11\n\tframe↵_end\x18\x06 \x01(\x05\x12\x12\n\nframe_rate\x18\x07 \x01(\x02\x12\x12\n\nsegment_id\x18\x08 \x01(\x05\x12\x15\n\nsegment↵_total\x18\t \x01(\x05\x12\x14\n\x0c\x66rame_number\x18\n \x01(\x05\x12(\n\x04type\x18\x0b \x01(\x0e\x32\x1a.↵briar.BriarMedia.DataType\x12\n\n\x0bsource_type\x18\x0c \x01(\x0e\x32\x1a.briar.BriarMedia.Data↵Type\x12\x0c\n\x04\x64\x61ta\x18\r \x01(\x0c\x12\x0e\n\x06source\x18\x0e \x01(\t\x12\x19\n\x11serverside↵_source\x18\x0f \x01(\t\x12\x13\n\x0b\x64\x65scription\x18\x10 \x01(\t\x12\x10\n\x08\x64\x61tetime\x18\x11 \x01(\t\x12\x11\n\tisCropped\x18\x12 \x01(\x08\x12&\n\x08metadata\x18\x13 \x03(\x0b\x32\x14.briar.↵MediaMetadata"\xf7\x01\n\x08\x44\x61taType\x12\x08\n\x04RGB8\x10\x00\x12\t\n\x05MONO8\x10\x01\x12\t\n\x05↵RGBA8\x10\x02\x12\n\n\x06RGBA16\x10\x03\x12\t\n\x05RGB16\x10\x04\x12\n\n\x06MONO16\x10\x05\x12\x0b\n\x07\x46↵LOAT32\x10\x06\x12\x07\n\x03URL\x10\x07\x12\x07\n\x03PNG\x10\x08\x12\x07\n\x03JPG\x10\t\x12\x07\n\x03↵RAW\x10\n\x12\x07\n\x03\x45PS\x10\x0b\x12\x07\n\x03TIF\x10\x0c\x12\x07\n\x03GIF\x10\r\x12\x07\n\x03↵MP4\x10\x0e\x12\x08\n\x04MJPEG\x10\x0f\x12\x08\n\x04H264\x10\x10\x12\x08\n\x04H265\x10\x11\x12\x11\n\n↵GENERIC_IMAGE\x10\x12\x12\x11\n\nrGENERIC_VIDEO\x10\x13\x12\x0f\n\x0bSOURCE_ONLY\x10\x14"\xfdx03\n\r↵EnrollOptions\x12(\n\rsave_metadata\x18\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\x13\n\x0bsubject↵_ids\x18\x04 \x03(\t\x12\x10\n\x08media_id\x18\x05 \x01(\t\x12&\n\x0c\x65nroll_batch\x18\x07 \x01(\x0b\x32\x10.↵briar.IntOption\x12(\n\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\n\x0creturn_media\x18\n \x01(\x0b\x32\x11.briar.Bool↵Option\x12&\n\n\x0bstore_media\x18\x0b \x01(\x0b\x32\x11.briar.BoolOption\x12\$\n\nattributes\x18\x0c \x03(\x0b\x32\x10.briar.Attribute\x12\x31\n\x16use_subject_integer_id\x18\x0f \x01(\x0b\x32\x11.briar.↵BoolOption\x12,\n\x12subject_id_integer\x18\x10 \x01(\x0b\x32\x10.briar.IntOption"\xcex04\n\rSearch↵Options\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\x0fprobe_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\ruse_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\x66ull\x18\r \x01(\x0b\x32\x11.briar.BoolOption\x12(\n\rreturn_matrix\x18\x0e \x01(\x0b\x32\x11.briar.BoolOption\x12\x1a\n\x02\n\rVerifyOptions\x12 \n\x05\x64\x65\x62ug\x18\x0f \x01(\x0b\x32\x11.briar.BoolOption\x12)\n\x0euse_detections\x18\x08 \x01(\x0b\x32\x11.briar.BoolOption\x12(\n\ruse_templates\x18\t \x01(\x0b\x32\x11.briar.BoolOption\x12*\n\x0fuse_whole_image\x18\n \x01(\x0b\x32\x11.briar.BoolOption\x12 \n\x04\x66lag\x18\x0b \x01(\x0e\x32\x12.briar.VerifyFlags\x12\n\x0creturn_media\x18\x0c \x01(\x0b\x32\x11.briar.BoolOption\x12*\n\x08modality\x12\x1f\n\x04\x66ull\x18\r \x01(\x0e\x32\x18.briar.BiometricModality)"@ \n\tBriarRect\x12\t\n\x01\x18\x01 \x01(\x05\x12\t\n\x01y\x18\x02 \x01(\x05\x12\t\n\x01width\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\x63currentStep\x18\x01 \x01(\x03\x12\x12\n\ttotalSteps\x18\x02 \x01(\x03)"\x1b \n\x0b\x42riarVector\x12\x0c\n\x04\x64\x61ta\x18\x01 \x03(\x02)"x9d \n\x0b\x42riarMatrix\x12\x16\n\x0e\x63column_headers\x18\x01 \x03(\t\x12\x13\n\x0brow_headers\x18\x02 \x03(\t\x12\x1e\n\x16\x63column_headers_integer\x18\x03 \x03(\x05\x12\x1b\n\x13row_headers_integer\x18\x04 \x03(\x05\x12\x16\n\x0e\x63column_sources\x18\x05 \x03(\t\x12\x13\n\x0brow_sources\x18\x06 \x03(\t\x12+\n\x11\x63column_attributes\x18\x07 \x03(\x0b\x32\x10.briar.Attribute\x12(\n\x0erow_attributes\x18\x08 \x03(\x0b\x32\x10.briar.Attribute\x12 \n\x04rows\x18\t \x03(\x0b\x32\x12.briar.BriarVector)"x8 \n\tAttribute\x12\x0b\n\x03key\x18\x01 \x01(\t\x12\x13\n\x0b\x64\x65scription\x18\x02 \x01(\t\x12)" \n\x04type\x18\x0f \x01(\x0e\x32\x14.briar.BriarDataType\x12\x0e\n\x06\x62uffer\x18\x03 \x01(\x0c\x12\x0e\n\x06\x66value\x18\x04 \x01(\x02\x12\x0e\n\x06\x66value\x18\x05 \x01(\x05\x12\x0c\n\x04text\x18\x06 \x01(\t\x12\x0e\n\x06\x66pickle\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$\n\nattributes\x18\x01 \x03(\x0b\x32\x10.briar.Attribute" \n\rMediaMetadata\x12$\n\nattributes\x18\x01 \x03(\x0b\x32\x10.briar.Attribute\x12,\n\x0e\x66frame_metadata\x18\x02 \x03(\x0b\x32\x14.briar.FrameMetadata)"xab \n\tDetection\x12\x12\n\nconfidence\x18\x01 \x01(\x02\x12)" \n\x08location\x18\x02 \x01(\x0b\x32\x10.briar.BriarRect\x12\t\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\x08modality\x18\n \x01(\x0e\x32\x18.briar.BiometricModality\x12$\n\nattributes\x18\x07 \x03(\x0b\x32\x10.briar.Attribute\x12\x1f\n\x04mask\x18\x08 \x01(\x0b\x32\x11.briar.BriarMedia\x12 \n\x05media\x18\t \x01(\x0b\x32\x11.briar.BriarMedia)"xac \n\x08Tracklet\x12$\n\ndetections\x18\x01 \x03(\x0b\x32\x10.briar.Detection\x12$\n\nattributes\x18\x02 \x03(\x0b\x32\x10.briar.Attribute\x12\x16\n\x0etracklet_class\x18\x03 \x01(\t\x12\x13\n\x0btracklet_id\x18\x04 \x01(\x03\x12"\n\x07options\x18\x05 \x01(\x0b\x32\x16.briar.TrackingOptions)"xaf \n\x04\n\x10\x44\x65tectionOptions\x12)\n\x0c\x61lgorithm_id\x18\x01 \x01(\x0b\x32\x13.briar.StringOption\x12\x1f\n\x04\x62\x65st\x18\x02 \x01(\x0b\x32\x11.briar.BoolOption\x12*\n\x0e\x66\x61\x63\x65_threshold\x18\x03 \x01(\x0b\x32\x12.briar.FloatOption\x12*\n\x0e\x62ody_threshold\x18\x04 \x01(\x0b\x32\x12.briar.FloatOption\x12)\n\x0f\x66\x61\x63\x65_min_height\x18\x05 \x01(\x0b\x32\x10.briar.IntOption\x12)\n\x0f\x62ody_min_height\x18\x06 \x01(\x0b\x32\x10.briar.IntOption\x12&\n\x0c\x64\x65tect_batch\x18\x07 \x01(\x0b\x32\x10.briar.IntOption\x12*\n\x0f\x65nable_metadata\x18\x08 \x01(\x0b\x32\x11.briar.BoolOption\x12 \n\x05\x64\x65\x62ug\x18\t \x01(\x0b\x32\x11.briar.BoolOption\x12)\n\x0creturn_media\x18\n \x01(\x0b\x32\x11.briar.BoolOption\x12\x30\n\x10tracking_options\x18\x0b \x01(\x0b\x32\x16.briar.TrackingOptions\x12*\n\x08modality\x18\x0c \x01(\x0e\x32\x18.briar.BiometricModality\x12$\n\nattributes\x18\x0d \x03(\x0b\x32\x10.briar.Attribute" \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\tthreshold\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$\n\nattributes\x18\x07 \x03(\x0b\x32\x10.briar.Attribute" \n\x0f\x01\n\x0e\x45nhanceOptions\x12)\n\x0c\x61lgorithm_id\x18\x01 \x01(\x0b\x32\x13.briar.StringOption\x12\n\x0creturn_media\x18\x02 \x01(\x0b\x32\x11.briar.BoolOption\x12\n\r enhance_batch\x18\x03 \x01(\x0b\x32\x10.briar.IntOption\x12*\n\x08modality\x18\x04 \x01(\x0e\x32\x18.briar.BiometricModality\x12\x0f\n\x07\x63ropped\x18\x05 \x01(\x08\x12$\n\nattributes\x18\x06 \x03(\x0b\x32\x10.briar.Attribute)"xa \n\x02\n\x0e\x45tractOptions\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\r extract_batch\x18\x04

```



```
list\x18\x01 \x03(\x0b\x32\x15.briar.BriarDurations*A\n\x12\x42riarServiceStatus\x12\x0b\n\x07UNKNOWN\x10\x00\x12\t\n\x0
READY\x10\x01\x12\t\n\x05\x45RROR\x10\x02\x12\x08\n\x04\x42USY\x10\x03*b\n\x0c\x45tractFlags\x12\x16\n\x12\x45↵
TRACT_FULL_IMAGE\x10\x00\x12\x1a\n\x16\x45TRACT_AUTO_DETECTION\x10\x01\x12\x1e\n\x1a\x45↵
TRACT_PROVIDED_DETECTION\x10\x02*\n\x0b\x45nrollFlags\x12\x15\n\x11\x45NROLL_FULL↵
_IMAGE\x10\x00\x12\x19\n\x15\x45NROLL_AUTO_DETECTION\x10\x01\x12\x1d\n\x19\x45NROLL_↵
PROVIDED_DETECTION\x10\x02\x12\x1c\n\x18\x45NROLL_PROVIDED_TEMPLATE\x10\x03*~\n\x0b↵
VerifyFlags\x12\x15\n\x11VERIFY_FULL_IMAGE\x10\x00\x12\x19\n\x15VERIFY_AUTO_DETECTION\x10\x01\x12\x1e\n\x1a
VERIFY_PROVIDED_DETECTIONS\x10\x02\x12\x1d\n\x19VERIFY_PROVIDED_TEMPLATES\x10\x03*~\n\x0b↵
SearchFlags\x12\x15\n\x11SEARCH_FULL_IMAGE\x10\x00\x12\x19\n\x15SEARCH_AUTO_DETECTION\x10\x01\x12\x1e\n\x1a
SEARCH_PROVIDED_DETECTIONS\x10\x02\x12\x1d\n\x19SEARCH_PROVIDED_TEMPLATES\x10\x03*Q\n\t↵
EntryType\x12\x16\n\x12\x45NTRY_TYPE_UNKNOWN\x10\x00\x12\x16\n\x12\x45NTRY_TYPE_SUBJECT\x10\x01\x12\x14\n
NTRY_TYPE_MEDIA\x10\x02*\xe0\x01\n\x11\x42iometricModality\x12\x0f\n\x0bUNSPECIFIED\x10\x00\x12\x0e\n\x0e↵
WHOLE_BODY\x10\x01\x12\x08\n\x04\x46\x41\x43\x45\x10\x02\x12\x08\n\x04GAIT\x10\x03\x12\x08\n\x04\x42↵
ODY\x10\x04\x12\x11\n\rANTHROPOMETRY\x10\x05\x12\x08\n\x04HEAD\x10\x06\x12\x0c\n\x08\x42\x45↵
HAVIOR\x10\x07\x12\x13\n\x0fSOFT_BIOMETRICS\x10\x08\x12\x0f\n\x0b\x46INGERPRINT\x10\t\x12\x08\n\x04↵
IRIS\x10\n\x12\t\n\x05VOICE\x10\x0b\x12\x08\n\x04HAND\x10\x0c\x12\x07\n\x03\x45\x41R\x10\r\x12\x08\n\x04↵
PALM\x10\x0e\x12\t\n\x05OTHER\x10\x0f*\xa8\x01\n\rBriarDataType\x12\t\n\x05\x45EMPTY\x10\x00\x12\n\n\x06↵
STRING\x10\x01\x12\x07\n\x03INT\x10\x02\x12\t\n\x05\x46LOAT\x10\x03\x12\t\n\x05\x42YTES\x10\x04\x12\n\n\x06↵
VECTOR\x10\x05\x12\n\n\x06PICKLE\x10\x06\x12\x07\n\x03XML\x10\x07\x12\x08\n\x04JSON\x10\x08\x12\n\n\x06↵
MATRIX\x10\t\x12\t\n\x05MEDIA\x10\x0b\x12\t\n\x05POINT\x10\x0c\x12\x08\n\x04RECT\x10\r\x12\n\n\x06\x42↵
UFFER\x10\x0e*\xb6\x01\n\x11\x46\x65\x61tureVectorType\x12\r\n\tBriarInt8\x10\x00\x12\x0e\n\nBriar↵
Int16\x10\x01\x12\x0e\n\nBriarInt32\x10\x02\x12\x0e\n\nBriarInt64\x10\x03\x12\x0e\n\nBriarUInt8\x10\x04\x12\x0f\n\x0b\x42ri
UInt16\x10\x05\x12\x0f\n\x0b\x42riarUInt32\x10\x06\x12\x0f\n\x0b\x42riarUInt64\x10\x07\x12\x0e\n\n↵
BriarFloat\x10\x08\x12\x0f\n\x0b\x42riarDouble\x10\tB\x12\xaa\x02\x0f\x62riar.BriarGrpcb\x06proto3')
```

8.5 /home/qdb/git/briar-api/lib/python/briar/briar_grpc/briar_pb2_grpc.py File Reference

Namespaces

- [briar.briar_grpc.briar_pb2_grpc](#)

Variables

- string [briar.briar_grpc.briar_pb2_grpc.GRPC_GENERATED_VERSION](#) = '1.68.1'
- [briar.briar_grpc.briar_pb2_grpc.GRPC_VERSION](#) = `grpc.__version__`

8.6 /home/qdb/git/briar-api/lib/python/briar/briar_grpc/briar_service_↵ pb2.py File Reference

Namespaces

- [briar.briar_grpc.briar_service_pb2](#)


```
\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\x1b\n\x13progress_only_reply\x18\x08 \x01(\x08"\xb5\x01\n\x0c←  
TrackRequest\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.Briar←  
Durations\x12\n\x0e\x64\x65tect_options\x18\x06 \x01(\x0b\x32\x17.briar.DetectionOptions"\x82\x02\n\n←  
TrackReply\x12"\n\ttracklets\x18\x01 \x03(\x0b\x32\x0f.briar.Tracklet\x12(\n\tdurations\x18\x02 \x01(\x0b\x32\x15.←  
briar.BriarDurations\x12\x11\n\tframe_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\x1b\n\x13progress_only_reply\x18\x08 \x01(\x08"\xe3\x01\n\x0e\x45tract←  
Request\x12 \n\x05media\x18\x01 \x01(\x0b\x32\x11.briar.BriarMedia\x12(\n\tdurations\x18\x02 \x01(\x0b\x32\x15.←  
briar.BriarDurations\x12$\n\ndetections\x18\x03 \x03(\x0b\x32\x10.briar.Detection\x12\n\x0e\x64\x65tect_←  
options\x18\x04 \x01(\x0b\x32\x17.briar.DetectionOptions\x12.\n\x0f\x65tract_options\x18\x05 \x01(\x0b\x32\x15.←  
briar.ExtractOptions"\xd5\x02\n\x0c\x45tractReply\x12"\n\ttemplates\x18\x01 \x03(\x0b\x32\x0f.briar.←  
Template\x12\x10\n\x08\x66rame_id\x18\x03 \x01(\x03\x12(\n\tdurations\x18\x04 \x01(\x0b\x32\x15.briar.←  
BriarDurations\x12*\n\x08modality\x18\x05 \x01(\x0e\x32\x18.briar.BiometricModality\x12(\n\x0c\x64\x65tect←  
_reply\x18\x06 \x01(\x0b\x32\x12.briar.DetectReply\x12&\n\x0btrack_reply\x18\x07 \x01(\x0b\x32\x11.←  
briar.TrackReply\x12"\n\x06\x65rrors\x18\x08 \x01(\x0b\x32\x12.briar.BriarErrors\x12&\n\x08progress\x18\t  
\x01(\x0b\x32\x14.briar.BriarProgress\x12\x1b\n\x13progress_only_reply\x18\n \x01(\x08"\x8c\x01\n\x17\x44\x61tabase←  
RetrieveRequest\x12&\n\x08\x64\x61tabase\x18\x01 \x01(\x0b\x32\x14.briar.BriarDatabase\x12\x1f\n\x03ids\x18\x02  
\x01(\x0b\x32\x12.briar.TemplateIds\x12(\n\tdurations\x18\x03 \x01(\x0b\x32\x15.briar.BriarDurations"\xb3\x01\n\x15\x44\x61ta←  
RetrieveReply\x12&\n\ttemplates\x18\x01 \x01(\x0b\x32\x13.briar.TemplateList\x12$\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  
\x01(\x0b\x32\x12.briar.BriarErrors"\xa3\x02\n\x13\x45nrollCustomRequest\x12\x16\n\x0esigset_encoded\x18\x01  
\x01(\x0c\x12\x13\n\x0bsigset_name\x18\x02 \x01(\t\x12&\n\x08\x64\x61tabase\x18\x03 \x01(\x0b\x32\x14.←  
briar.BriarDatabase\x12(\n\tdurations\x18\x04 \x01(\x0b\x32\x15.briar.BriarDurations\x12\n\x0e\x64\x65tect←  
_options\x18\x05 \x01(\x0b\x32\x17.briar.DetectionOptions\x12.\n\x0f\x65tract_options\x18\x06 \x01(\x0b\x32\x15.←  
briar.ExtractOptions\x12.\n\x0e\x65nroll_options\x18\x07 \x01(\x0b\x32\x14.briar.EnrollOptions"\x96\x04\n\r←  
EnrollRequest\x12 \n\x05media\x18\x01 \x01(\x0b\x32\x11.briar.BriarMedia\x12\n\x05\x66rame\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\x13\n\x0bsubject_ids\x18\x05 \x03(\t\x12\x1f\n\x06tracks\x18\x08 \x03(\x0b\x32\x0f.←  
briar.Tracklet\x12"\n\x0b\x65nroll_flag\x18\t \x01(\x0e\x32\x12.briar.EnrollFlags\x12$\n\ndetections\x18\n  
\x03(\x0b\x32\x10.briar.Detection\x12!\n\x08template\x18\x0b \x01(\x0b\x32\x0f.briar.Template\x12\x1d\n\x06record\x18\x0c  
\x01(\x0b\x32\r.briar.Record\x12(\n\tdurations\x18\r \x01(\x0b\x32\x15.briar.BriarDurations\x12\n\x0e\x64\x65tect←  
_options\x18\x0e \x01(\x0b\x32\x17.briar.DetectionOptions\x12.\n\x0f\x65tract_options\x18\x0f \x01(\x0b\x32\x15.←  
briar.ExtractOptions\x12.\n\x0e\x65nroll_options\x18\x10 \x01(\x0b\x32\x14.briar.EnrollOptions\x12\x1a\n\x12subject←  
_id_integer\x18\x11 \x01(\x05"\x82\x03\n\x0b\x45nrollReply\x12$\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\x66rame_←  
id\x18\x03 \x01(\x03\x12(\n\x0c\x64\x65tect_reply\x18\x04 \x01(\x0b\x32\x12.briar.DetectReply\x12&\n\x0btrack←  
_reply\x18\x05 \x01(\x0b\x32\x11.briar.TrackReply\x12*\n\rextract_reply\x18\x06 \x01(\x0b\x32\x13.briar.←  
ExtractReply\x12"\n\x06\x65rrors\x18\x07 \x01(\x0b\x32\x12.briar.BriarErrors\x12*\n\x0b\x65nrollments\x18\x08  
\x03(\x0b\x32\x15.briar.EnrollmentInfo\x12&\n\x08progress\x18\t \x01(\x0b\x32\x14.briar.BriarProgress\x12\x1b\n\x13progress←  
_only_reply\x18\n \x01(\x08"\xb8\x03\n\rVerifyRequest\x12 \n\x05media\x18\x01 \x01(\x0b\x32\x11.briar.←  
BriarMedia\x12-\n\x04role\x18\x02 \x01(\x0e\x32\x1f.briar.VerifyRequest.VerifyRole\x12$\n\ndetections\x18\x03  
\x03(\x0b\x32\x10.briar.Detection\x12.\n\x0reference_tmpls\x18\x04 \x01(\x0b\x32\x13.briar.Template←  
List\x12(\n\tdurations\x18\x05 \x01(\x0b\x32\x15.briar.BriarDurations\x12\n\x0e\x64\x65tect_options\x18\x06  
\x01(\x0b\x32\x17.briar.DetectionOptions\x12.\n\x0f\x65tract_options\x18\x07 \x01(\x0b\x32\x15.briar.←  
ExtractOptions\x12.\n\x0everify_options\x18\x08 \x01(\x0b\x32\x14.briar.VerifyOptions\x12 \n\x04\x66lag\x18\t  
\x01(\x0e\x32\x12.briar.VerifyFlags"\n\nVerifyRole\x12\r\n\treference\x10\x00\x12\n\x06verify\x10\x01"\xfcf\x01\n\x0b←  
VerifyReply\x12.\n\x0csimilarities\x18\x01 \x01(\x0b\x32\x16.briar.VerifyMatchList\x12(\n\tdurations\x18\x02  
\x01(\x0b\x32\x15.briar.BriarDurations\x12(\n\x0c\x64\x65tect_reply\x18\x04 \x01(\x0b\x32\x12.briar.←  
DetectReply\x12*\n\rextract_reply\x18\x05 \x01(\x0b\x32\x13.briar.ExtractReply\x12"\n\x06\x65rrors\x18\x03  
\x01(\x0b\x32\x12.briar.BriarErrors\x12\x1b\n\x13progress_only_reply\x18\x06 \x01(\x08"\xdd\x02\n\r←  
SearchRequest\x12&\n\x08\x64\x61tabase\x18\x04 \x01(\x0b\x32\x14.briar.BriarDatabase\x12 \n\x05media\x18\x01  
\x01(\x0b\x32\x11.briar.BriarMedia\x12$\n\ndetections\x18\x02 \x03(\x0b\x32\x10.briar.Detection\x12#\n\x06probes\x18\x03  
\x01(\x0b\x32\x13.briar.TemplateList\x12\n\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\tdurations\x18\x08 \x01(\x0b\x32\x15.←  
briar.BriarDurations"\xde\x01\n\x15SearchDatabaseRequest\x12&\n\x08\x64\x61tabase\x18\x04 \x01(\x0b\x32\x14.←
```



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briar.BriarDatabase\x12,\n\x0eprobe_database\x18\x07 \x01(\x0b\x32\x14.briar.BriarDatabase\x12\x17\n\x0fprobe↵
_entry_ids\x18\x0c \x03(\t\x12,\n\x0esearch_options\x18\x0b \x01(\x0b\x32\x14.briar.SearchOptions\x12(\n\tdurations\x18\x08↵
\x01(\x0b\x32\x15.briar.BriarDurations\x12\x02\n\x0bSearchReply\x12,\n\x0csimilarities\x18\x01 \x03(\x0b\x32\x16.↵
briar.SearchMatchList\x12*\n\x10probe_detections\x18\x02 \x03(\x0b\x32\x10.briar.Detection\x12(\n\tdurations\x18\x03↵
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```

8.7 /home/qdb/git/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)

Variables

- string `briar.briar_grpc.briar_service_pb2_grpc.GRPC_GENERATED_VERSION` = '1.68.1'
- `briar.briar_grpc.briar_service_pb2_grpc.GRPC_VERSION` = `grpc.__version__`

8.8 stubs_readme.md File Reference

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