

:
<ul style="list-style-type: none"> • • StartSession • ListSessions • GetSessionState • StopSession • DownloadFile • DestroySession

proto- ExportService.proto Export.proto.

6:

1. **ListSessions** – .
2. **StartSession** – .
3. **GetSessionState** – .
4. **StopSession** – .
5. **DestroySession** – .
6. **DownloadFile** – .

gRPC-, . gRPC API, .

, . **StartSession** , 1.

, . , . – .

X **DownloadFile**, .

StartSession

, Options.

```

message Options
{
  oneof mode
  {
    LiveMode live = 1;
    ArchiveMode archive = 2;
  }
  oneof output_type
  {
    SnapshotType snapshot = 3;
    StreamType stream = 4;
  }
  repeated CommonSetting settings = 5;
  // Maximum size of output file.
  // New file will be created on reaching this value.
  uint64 max_file_size = 6;
  string export_agent_access_point = 100;
}

```

,

- **oneof** , .
- **export_agent_access_point** – id .

mode output_type 4 :

1. LiveMode + SnapshotType – .
2. LiveMode + StreamType – .
3. ArchiveMode + SnapshotType – .
4. ArchiveMode + StreamType – .

LiveMode, ArchiveMode, SnapshotType StreamType . CommonSetting .

:

Options max_file_size		(.).
Options export_agent_access_point	Id	.
StreamType format		.
SnapshotType format		.
ArchiveMode/LiveMode Source origin		(. gRPC API (DomainService)).
ArchiveMode Source storages		(. gRPC API (DomainService)).
ArchiveMode start_timestamp		.
ArchiveMode end_timestamp		.
CommonSetting comment		.
CommonSetting timestamp_format		.
CommonSetting text_place		.
CommonSetting text_color		.
CommonSetting burn_subtitle		().
CommonSetting apply_mask		().
StreamSetting video_quality		.
StreamSetting video_codec		.
StreamSetting audio_quality		.
StreamSetting audio_codec		.
StreamSetting frame_frequency		.
SnapshotSetting pdf_layout		PDF .
SnapshotSetting snapshot_place		PDF .
SnapshotSetting comment_place		PDF .
SnapshotSetting timestamp_place		PDF .
SourceSetting crop_area		(.).
SourceSetting mask_space		.
SourceSetting text_place		.
SourceSetting text_color		.

, , **GetSessionState**.

/ **GetSessionState**.

5, - 30 .

id .

ListSessions

SessionInfo . , next_page_token .

SessionInfo :

1. id .
2. .

```
enum EState
{
    S_NONE    = 0;
    S_RUNNING = 1;
    S_COMPLETED = 2;
    S_REMOVED = 3;
}
```

3. S_COMPLETED , .
 , Result.

```
message Result
{
    message File
    {
        string path = 1;
        uint64 size = 2;
        string min_timestamp = 3;
        string max_timestamp = 4;
        string mime_type = 5;
    }
    repeated File files = 1;
    bool succeeded = 2;
}
```

- ,
 a. succeeded – ;
 b. File – , path **DownloadFile** size.

S_COMPLETED 1 . **GetSessionState** **DownloadFile**.

, .

GetSessionState

id .

EState.

, Result.

StopSession

id .

EState.

DownloadFile

.

:

1. id ;
2. path – ;
3. chunk_size_kb – ;
4. start_from_chunk_index – .

FileChunk , .

DestroySession

id .