

VisionLabs FaceStream

Quick Start Guide

v.5.1.10

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1 Introduction

This document contains information about the distribution package structure of VisionLabs FaceStream.

FaceStream reads and processes video streams, sends face or body images via HTTP-requests to external services. For more details, please refer to “FS_Administrator_Manual_Eng.pdf” in the distribution package. The description of installation and launch is given in the installation manual “FS_Docker_Installation_Manual_Eng”*.
*.

2 Quick start

Before you start using FaceStream, please familiarize yourself with the administrator manual (**FS_Administrator_Manual_Eng.pdf** in the distribution package).

The administrator manual describes:

- Software and hardware requirements
- General information about working with the application
- Application settings description

After reading the administrator's manual, it is necessary to familiarize yourself with the installation manual (**FS_Docker_Installation_Manual_Eng.*** in the distribution package).

The installation manual describes:

- Software and hardware requirements
- Instructions for the license activation
- Instructions for launching the application through Docker and Docker Compose
- Application launching parameters description
- Launching examples
- Useful commands to launching the application

VisionLabs provides a license file data upon request. You cannot fully use the library/application without it.

3 Distribution folder structure

The package consist of the following directories:

Directory name	Description
/example-docker	The directory includes all the files required for launching docker containers
/extras	Additional dependencies and helper scripts
/docs	Documentation for FaceStream

The “extras” directory contents:

Directory name	Description
/conf	Configuration files for FaceStream
/hasp	HASP utility and files required for license activation
/hasp_redirect	Contains the file required to specify the server with the license

3.1 Distribution documentation

This section covers the documentation package for FaceStream. All the documents can be found in “/docs” folder of the distribution package.

3.1.1 Operation manuals

These manuals cover system deployment and architecture.

Most of the documents are provided in PDF and HTML formats. The PDF document is easier for navigation, the HTML document is more convenient to copy the commands. HTML version requires template_VL.css.

File	Description
FS_Administrator_Manual_Rus.pdf	General information about FaceStream, its installation and configuration
FS_Docker_Installation_Manual_Rus.*	Инструкция по запуску FaceStream с помощью запуска Docker контейнеров или автоматическому запуску с помощью скрипта Docker Compose

File	Description
FS_Release_Notes_Rus.*	Release notes for FaceStream

3.1.2 Reference manuals

These manuals describe the Open API specifications for LUNA PLATFORM services. OpenAPI specification is the only valid document providing up-to-date information about the service API. The specification can be used:

- By documentation generation tools to visualize the API.
- By code generation tools.

All the documents and code generated using this specification can include inaccuracies and should be carefully checked.

The manuals can be found in the “./docs/ReferenceManuals” directory. This directory includes documents in the YML and HTML format. This directory contains documents of the LUNA Streams service in YML and HTML formats and a document for FaceStream in HTML format. The YML document contains requests to the LUNA Streams service. You can use it to automatically generate requests in Postman. It is not guaranteed that all requests will be imported correctly, manual editing may be required. Documents in HTML format are used to visualize these specification and may not be complete.

The OpenAPI specification for the LUNA Streams service can be obtained from the “/docs/spec” resource. The “Accept” header should take the value “application/x-yaml”.

File	Description
FaceStreamReferenceManual.html	API specification for FaceStream
StreamsReferenceManual.*	API specification for LUNA Streams

3.1.3 LUNA Streams developer manual

LUNA Streams reference guide is intended for developers and DevOps. This document is located in the “./docs/ServiceManuals/StreamsDevelopmentManual/index.html” directory.