MistServer documentation

DDVTech

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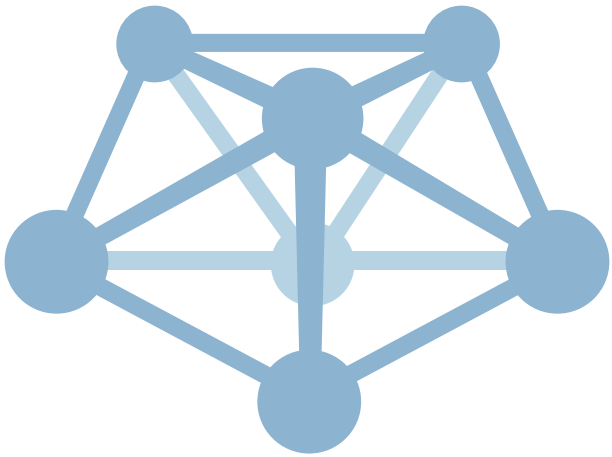

List of MistServer Pro features

Phone: +1 408 677 5212
Phone: +31 10 8080 619
E-mail: info@ddvtech.com

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1 Introduction

MistServer Pro has various features that extends on MistServer open source. The following is a summerized list of all features added to MistServer Pro.

1.1 Protocols and codecs

1.1.1 HEVC

HEVC codecs are supported over DASH, HLS, HSS, MP4 and TS.

1.1.2 DASH

The DASH protocol is added and supports H264, HEVC and AAC.

1.1.3 Multibitrate Live

MistServer Pro allows applications to push multiple video/audio tracks to one stream combining it to one multibitrate stream.

1.1.4 RTSP

The RTSP protocol is added and supports H264, AAC and MP3

1.1.5 MP4

MistServer Pro is able to accept MP4 files as a source and output live streams as progressive MP4.

1.1.6 TS file and stream input

MistServer Pro is able to accept TS files as a source and as stream.

1.1.7 TS Push output

MistServer Pro is able to send out any stream with H264, HEVC and AAC codecs as a TS Push stream, uni-/multi-cast.

1.1.8 ISMV file input

MistServer Pro is able to accept ISMV input

1.1.9 RTMP Multibitrate SMIL output

MistServer Pro is able to output RTMP Multibitrate SMIL files.

1.1.10 RTSP

MistServer Pro is able to accept RTSP UDP/TCP streams as input.

1.2 Core features

1.2.1 API calls

Some specific API calls have been added to quickly add and remove streams/protocols.

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1.2.2 Statistics

MistServer Pro reports more detailed statistics.

1.2.3 Triggers

The trigger system can be used to use events within MistServer to change the flow of the server. This allows full integration with other programs/scripts giving full customization options to MistServer Pro.

1.2.4 Push

MistServer Pro can push existing streams towards other servers/services using RTMP.

1.2.5 Stream Recording

Streams can be recorded. Everything pushed to the stream will be saved as a FLV or TS file using Push functionality.

1.2.6 Stream Cutting

MistServer Pro is able to cut the live buffer to a certain time, making you able to skip or delete live fragments.

1.2.7 Error Message display

You can edit the standard no stream available message with any HTML code in the MistServer Pro.

1.2.8 Starting position in Live buffer

You can edit how near to live new viewers start in Live streams.

1.2.9 Stream Segment Size

You can edit the segment size for live streams with MistServer Pro.

1.2.10 Stream Encryption

You can activate Stream Encryption with MistServer Pro. As we realize most users will have their own flavour of encryption we'll custom make your encryption if you order MistServer Pro.

1.2.11 Stream Password protection

You can use the Application ID as password for live streaming with MistServer Pro.

1.2.12 Folder Support

With MistServer Pro you're able to automatically put any supported input in a folder available as a stream.

1.2.13 WildCard Support

With MistServer Pro you're able to create live streams on the fly using the Wildcard system.