mptsd Usage Documentation

mptsd is a versatile tool for MPEG TS multichannel muxing, offering a wide range of features from server configuration to handling various output settings. This document provides an overview of all command-line options available in **mptsd** reverse engineering of the config.c usage function.

Identification

- **-i ident**: Sets the server ident. Default: **ux/mptsd**.

Server Settings

- **-b addr**: Binds to a local IP address. Default: **0.0.0.0**.

- **-p port**: Sets the port to listen on. Default: **0**.

- **-N**: Disables network.

- **-d pidfile**: Daemonizes with specified pidfile.

- **-l host**: Specifies the Syslog host. Default: disabled.

- **-L port**: Sets the Syslog port. Default: **514**.

Configuration Files

- **-g file**: Specifies the global configuration file. Default: **mptsd.conf**.

- **-c file**: Specifies the channels configuration file. Default: **mptsd_channels.conf**.

- **-e file**: Specifies the EPG configuration file. Default: **mptsd_epg.conf**.

- **-n file**: Specifies the NIT configuration file. Default: **mptsd_nit.conf**.

Output Settings

- **-O ip**: Sets the output UDP address.

- **-P ip**: Sets the output UDP port. Default: **5000**.

- **-o ip**: Specifies the output interface address. Default: **0.0.0.0**.

- **-t ttl**: Sets the multicast TTL. Default: **1**.

- **-s SSRC**: Enables RTP. Default: disabled.

- **-B Mbps**: Sets the output bitrate in Mbps. Default: **38.00**.

- **-m mode**: Sets the PCR mode. Available modes:

  - Mode 0: Do not touch PCRs (default).

  - Mode 1: Move PCRs to their calculated place.

  - Mode 2: Rewrite PCRs using output bitrate.

- Mode 3: Move PCRs and rewrite them.

Other Settings

- **-q**: Quiet mode.

- **-D**: Debug mode.

- **-W**: Write output file (recommended to use with **-N**).

- **-f**: Specifies the output filename. Default: **mptsd-output.ts** (use **-** for stdout).

- **-E**: Write input file.

- **-9**: Enable LCN support. Default: disabled.

Example command line:-

mptsd -b 0.0.0.0 -p 1234 -g /path/to/mptsd.conf -c /path/to/mptsd_channels.conf -e /path/to/mptsd_epg.conf -n /path/to/mptsd_nit.conf