NAME

mp3plot − creates a plot of the bitrate distribution of MP3 files

SYNOPSIS

mp3plot [**−i**] {*input.mp3*}

mp3plot [**−g**] [**−i**] {*input.mp3*} [**−p** *plotter name*] [**−o** *output.png*]

mp3plot [{**−h** | **−−help**} | {**−V** | **−−version**}]

DESCRIPTION

mp3plot creates a plot (textual or graphical) of the bitrate distribution of an MP3 file; i.e. it displays which proportion of the audio file uses each of the possible bitrates.

The plot can serve e.g. to compare an audio source as encoded by different encoders or settings; or to display how the chosen (average) bitrate was achieved by the encoder.

By default the plot is printed to the console. If mp3plot is compiled with the appropriate libraries, it can also create a graphical plot in a png image.

OPTIONS

The program follows the usual GNU command line syntax, with long options starting with two dashes (‘−´). A summary of options is included below.

[−i] *inputfile.mp3*, **[−−input]** *inputfile.mp3*
Plot *inputfile.mp3*.

−i / **−−input** is implied if not used (e.g.

```
$ mp3plot −i input.mp3
```

is equivalent to

```
$ mp3plot input.mp3
```

−o *output.png*, **−−output** *output.png*
Save plot image to output.png.

Ignored if the console plotter is used. If omitted will default to the input filename with ".png" appended.

−g, **−−image**
Output to a png image file.

By default the png will be named after the mp3 file and placed on the same directory as it, e.g. "/music/some file.mp3" will produce "/music/some file.mp3.png". Use **−−output** to choose the output filename.

−p *plotter_name*, **−−named−plotter** *plotter_name*
Choose the plotter with *plotter_name*.

Only required to hand−pick an image plotter when both GD and Magick plotters have been compiled in. Use "list" to display a list of available plotters, e.g.:

```
$ mp3plot −p list

Avilable plotters:
* console: textual, printed
* magick: graphical, file output
```

* gd: graphical, file output

By default, when a plotter is not explicitly chosen, if −g is used an image plotter will be chosen (magick if present, gd otherwise). When −g isn´t used, the console plotter will be used.

console is always available, while both magick and gd can be included or excluded at the time of compilation.

If a plotter not available is requested, mp3plot will exit with an error. e.g. if the Magick module wasn´t compiled in:

$ mp3plot −p magick

[...]

mp3plot: No plotter with such name available</screen>

−h, **−−help**
Show summary of options.

−V, **−−version**
Show version of program and extra compilation information (libraries used, their versions, compilation date and compiler).

−−old−colourscheme, **−−old−colorscheme**
Use the older set of colours (used up 0.5.0) for graphical plot output.

BUGS

You can report any bugs to the author at outlyer@gmail.com (or visit the upstream site *http://p.outlyer.net/mp3plot/* for more details).

SEE ALSO

Upstream site: *http://p.outlyer.net/mp3plot/*

mp3stat: *https://signal-lost.homeip.net/projects/*

AUTHOR

Toni Corvera <outlyer@gmail.com>
mp3plot author

COPYRIGHT

Copyright © 2007, 2009 Toni Corvera

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU General Public License, Version 2 or (at your option) any later version published by the Free Software Foundation.