

NAME

metadata_csv - Recursively create a CSV file with metadata of all AV files in a folder and its subfolders

SYNOPSIS

metadata_csv -i *input_path* [**-o** *output_file*]

metadata_csv -h | -x

DESCRIPTION

Bash AVpres is a collection of Bash scripts for audio-visual preservation. One of these small programs is **metadata_csv**. It creates recursively a CSV file with metadata of all AV files in a folder and its subfolders. The main container, video and audio codec data are extracted.

Bash version 4.3 or later is recommended. We advise to use the current version 5.2.

OPTIONS

BASIC OPTIONS

-i *input_path*, **--input=***input_path*
path to an input folder

-o *output_file*, **--output=***output_file*
path to the CSV file

If this parameter is not passed, then the script uses

`${HOME}/Desktop/report_<YYYY-MM-DD>.csv`

ADVANCED OPTIONS

The arguments of the advanced options can be overwritten by the user. Please remember that any string containing spaces must be quoted, or its spaces must be escaped.

--verbosity=*(path|filename|count|off)*

For each processed file the Terminal will show:

`path` = full path
`filename` = only filename and extension
`count` = a counter (default)
`off` = nothing, i.e. work silently

--exclusion='^{^(*extension_list*)\$}'

The *extension_list* is defined as a regex of the file extensions which are excluded from the analysis. The default value is:

```
exclusion='^(txt|md5|xml|pdf|xlsx|xls|docx|doc|zip|gz)$'
```

Note that only the actual extension is listed, without the separation period.

--ffprobe='/bin/ffprobe'

path to the **ffprobe** command

Useful when multiple FFmpeg versions are installed on the computer and you want to use a different **ffprobe** than the default.

INFORMATIVE OPTIONS

-h, --help

display a help message

-x, --options

display the advanced options with their default arguments and indicate if a local configuration has been defined or not

NOTES

CONFIGURATION FILE

An external configuration file

```
${HOME}/.config/AVpres/Bash_AVpres/metadata_csv.txt
```

can be defined, allowing the script to import alternate default values for the following options:

verbosity

exclusion

ffprobe

LOG FILES

Temporary log files are stored at

```
/tmp/AVpres/metadata_csv.XXXXXXXXXXX
```

The log files can be used for debugging, for example by running **cat** on the address prompted with fatal

error messages:

```
cat /tmp/AVpres/metadata_csv.XXXXXXXXXX
```

SEE ALSO

ffprobe Documentation

<https://ffmpeg.org/ffprobe.html>

<https://ffmpeg.org/ffprobe-all.html>

RFC 4180, "Common Format and MIME Type for Comma-Separated Values (CSV) Files", October 2005

<https://www.rfc-editor.org/info/rfc4180>

ffprobe(1).

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