

NAME

xcfa_cli – This program is an implementation of xcfa in command line.

DESCRIPTION

xcfa_cli is an application for conversion, normalization, reconfiguring wav files and cut audio files ...

What **xcfa_cli** can do:

- replaygain on files: flac, mp3, ogg, wavpack
- conversions:
 - from files:
 - wav, flac, ape, wavpack, ogg, m4a, mpc, mp3, wma, shorten, rm, dts, aif, ac3
 - to files:
 - wav, flac, ape, wavpack, ogg, m4a, mpc, mp3, aac
- conversion settings for file management:
 - flac, ape, wavpack, ogg, m4a, aac, mpc, mp3
- management tags
- management cue wav file
- manipulation of the frequency, track and bit wav files
- standardization on files: wav, mp3, ogg
- cuts (split) wav files
- displaying information on files

SYNOPSIS

xcfa_cli [**-i** "*file.**"] [**-d** *wav,mpc,...*] [*OPTIONS*]

OPTIONS

- verbose**
Verbose mode
- h --help**
Print help mode and quit
- i** <*file.type*> **--input** <*file.type*>
Input name file to convert in inverted commas: **--input** "**.flac*"
Type input files: wav, flac, ape, wavpack, ogg, m4a, mpc, mp3, wma, shorten, rm, dts, aif, ac3
- o** <*path_dest*/> **--output** <*path_dest*/>
Destination folder. By default in the source file folder.
- d** <*wav,flac,ape,...*> **--dest** <*wav,flac,ape,...*>
Destination file: wav, flac, ape, wavpack, ogg, m4a, mpc, mp3, aac
- r --recursion**
Recursive search
- e --ext2src**
Extract in the source folder. This option is useful with '**--recursion**'
- nice** <*priority*>
Change the priority of running processes in the interval: 0 .. 20

Management options with default parameters:

- op_flac** <"-5">
- op_ape** <"c2000">
- op_wavpack** <"-y -j1">

```

--op_ogg <"--quality=3">
--op_m4a <"-q 100">
--op_aac <"48">
--op_mpc <"--verbose --overwrite --insane">
--op_mp3 <"-h --nohist --noreplaygain -b 128">

```

Displays information about the files:

```

--info_files
    Displays time, level dBFS, frequency/track/quantification
--info_tags
    Displays tags
--info_head
    Displays head

```

Management tags:

```

--no_tag
    The tags will not be carried
--tag_album <"tags">
    Tag of album
--tag_artist <"tags">
    Tag of artist
--tag_title <"tags">
    Tag of title
--tag_number <"tags">
    Tag of number
--tag_genre <"tags">
    Tag of genre
--tag_year <"tags">
    Tag of year
--tag_comment <"tags">
    Tag of comment
--tag_description <"tags">
    Tag of description

```

Management cue file:

```

-c <info|extract>  --cue <info|extract>
    info    Provides information on a WAV or CUE file.
    extract Extract all tracks of a WAV file.

```

Management split:

```

-s <hh:mm:ss>  --split <hh:mm:ss>
    Mark the beginning of the file to be cut.
-l <sec>  --length <sec>
    Specifies the length of the file to cut with the seconds parameter.

```

Changing the settings of a WAV file:

- f** <num> **--frequency** <num>
Changing the frequency: 8000, 22000, 32000, 44056, 44100, 48000, 88200, 96000 or other
- t** <num> **--track** <num>
Changing the number of tracks: 1, 2, 4, 6
- q** <num> **--quantification** <num>
Changing the quantification: 8, 16, 24, 32, 64

Replaygain: dynamic modification for next files: FLAC, MP3, OGG, WAVPACK

- g** <clear|album|track> **--replaygain** <clear|album|track>
FLAC [clear | album]
MP3 [clear | album | track]
OGG [clear | album | track]
WAVPACK [clear | album | track]

Normalize: static modification for next files: MP3, WAV, OGG

See an excellent article by @Dzef on standardization: <http://ubunteros.tuxfamily.org/spip.php?article159>

- peak**
Action on a single file.
Maximum volume amplification for each file.
Increase the overall level of the signal so as to bring the level to 0 dBFS peak without changing dynamics.
- peak_album**
Action on a group of files.
Maximum volume boost for a group of files in accordance with the level of differences between each of them.
If the maximum level of one or more files is already at 0 dBFS, the level of all the selected files remain unchanged after normalization. So this mode can be safely used almost systematically.
- mix_rms_album** <dBFS>
Action on a group of files.
Adjusting the average volume for a group of files respecting average level of the differences between each of them.
The selecting a value for a file modifies the other files in the group.
- fix_rms** <dBFS>
Action on a single file.
Adjusting the average volume of each file.. The selecting a value for a file.

NOTE

The options of conversions of externals programs can be seen from the manpages: \$ **man prog** or \$ **prog**

--help

See: **op_flac, op_ape, op_wavpack, op_ogg, op_m4a, op_aac, op_mpc, op_mp3**

EXAMPLES conversion

```
$ xcfa_cli --input "file.wav" -d ogg --dest flac,mpc --output newfolder/
$ xcfa_cli --input "*.wav" --dest ogg,flac,mp3 --output newfolder/ --recursive --op_mp3 "--preset fast extreme"
$ xcfa_cli --input ".*" -d mp3 --split 00:00:00 -l 30 -o newfolder/ --verbose --frequency 44100 --track 2 --quantification 16
```

CONVERSION example with two inputs

```
$ xcfa_cli --input "file.wav" --input "other_file.mp3" -d ogg --dest flac,mpc, --output newfolder/
```

EXAMPLES split

```
$ xcfa_cli --input "file.wav" --split_info  
$ xcfa_cli --input "file.wav" -d ogg,mpc --split 00:00:32 --length 22 --output newfolder/  
$ xcfa_cli --input "file.wav" -d ogg,mpc --split 00:01:00 --length 22 --output newfolder/
```

EXAMPLES setting wav

```
$ xcfa_cli -i "file.wav" -d wav -o newfolder/ --frequency 96000 --track 6 --quantification 32 --ver-  
bose
```

EXAMPLES replaygain:

```
$ xcfa_cli -i "*.*" --replaygain clear  
$ xcfa_cli -i "*.*" --replaygain album
```

EXAMPLES normalize:

```
$ xcfa_cli -i "*.*" --info_files  
$ xcfa_cli -i "*.*" --peak_album  
$ xcfa_cli -i "*.*" --peak  
$ xcfa_cli -i "*.*" --mix_rms_album -10  
$ xcfa_cli -i "*.*" --fix_rms -4
```

EXAMPLES info

```
$ xcfa_cli -i "*.*" --info_files --info_tags --info_head
```

EXAMPLES cue

```
$ xcfa_cli -i "file.cue" --cue info  
$ xcfa_cli -i "file.cue" --cue extract  
$ xcfa_cli -i "file.wav" --cue info  
$ xcfa_cli -i "file.wav" --cue extract
```

SEE ALSO

Consult the documentation of:

a52dec, aacplusenc, mp3check, faac, faad, flac, lame, mac, mpcdec, mpcenc, mplayer, mp3gain, normalize, shorten, shntool, sox, oggenc, vorbisgain, wavpack

AUTHOR

xcfa_cli is developed by BULIN Claude