



FTPMP3Server - User guide

The FTPMP3Server tool is a little freeware application to convert playlists and MP3 file names for the 8.3 file name convention, which is required e.g. for the BARIX FTP-MP3 Player. It creates LEN files for the „check_length“ option which is supported by the FTP-MP3 Player.

The application package contains also the source code and will run on Windows operating systems as also on Linux systems.

How to install

First unzip the package on a Windows or Linux PC . For the installation local administrator rights for the PC are required !

Steps for Windows OS :

- after unzip execute the file „FTPMP3Server.exe“ , this will install a service „Barix FTPMP3Server (v.1.1)“ on the PC
- now configure your desired paths in file „ftmp3servercfg.cfg“ (in sub directory „Release“)
- thereafter reboot your PC or start the service „Barix FTPMP3Server (v.1.1)“ manually.

The service will automatically create the folders „input“ , „ output“ , „log“ and the „binding_file“.
The important folders are :

- | | |
|---------------|--|
| input | - there you should copy to your MP3 files and the playlist file |
| log | - contains the log file with the history of converted file names |
| output | - will contain converted MP3 files, playlist and len files |

Steps for Linux OS :

- 1) Configure the ftpmp3servercfg.cfg. This file must be in a directory with the Makefile file and source code files. All paths should be valid, with rights for R&W
- 2) run a command 'su' to get the install permissions
- 3) enter into source files directory (for example, 'cd' command in #bash)
- 4) type 'make clean'
- 5) type 'make'
- 6) type 'make install'
- 7) a file 'mp3srv' should be builded in '/usr/local/bin/mp3srv' directory.
- 8) run /usr/local/bin/mp3srv/mp3srv program.
- 9) Copy files into 'input' directory, they should be processed.



THINK FURTHER



Usage of the FTPMP3Server application

The usage is pretty simple. Copy a playlist (.m3u) and the in the playlist mentioned MP3 files into the „input“ folder. All in the playlist (e.g. playlist.m3u) mentioned files and the playlist itself will be copied to the „output“ folder with changed file names (in 8.3 name convention).

In the new playlist are now also the new file names. The old playlist in the „Input“ folder will be deleted after execution.

Note, there will be nothing happen, if there is no playlist in the „Input“ folder !

In the LOG folder is a log-file which shows the history of converted files.

The for each converted file in the output folder, is also a .len file existing. This contains the length of the converted file. This .len files are necessary if the check_length option is enabled in the Barix FTP-MP3 Player application (in player.cfg file), otherwise you can ignore and delete them.

Configuration of the ftpmp3servercfg.cfg

Here is an example for the config file.

```
;Barix FTPMP3pServer config file
```

```
;path for log-files
```

```
log_file_path=/FTPMP3Server/Release/dirs/log
```

```
;where do arrive new files
```

```
input_path=/FTPMP3Server/Release/dirs/input
```

```
;copy files into...
```

```
output_path=/FTPMP3Server/Release/dirs/output
```

```
;path for relations' file storage
```

```
binding_file_path=/FTPMP3Server/Release/dirs/binding_file
```

```
;what type files we need to move. deletimer is ';' too. for example, 'audio_extentions=mp3;ogg;wma'
```

```
;play-list files(*.m3u) are processing independently
```

```
;also you can keep this param empty ('audio_extentions=')
```

```
audio_extentions=ogg;wma;mp3
```

```
;this is just a frequency of checking the input directory
```

```
checking_frequency_in_sec=60
```

The paths can be relative (as in the example above) or also absolute, e.g. :

```
input_path=c:\FTPMP3Server\Release\dirs\input
```