

Foobar2000 audio manager

“Lightroom for audio”

foobar2000 attributes

- ❑ Plays almost anything
- ❑ Rip CDs, DVDs, 7z, ZIP, RAR
- ❑ Manipulates audio files
- ❑ Simple file tagging
- ❑ Very configurable

Easy, fast, powerful search/filter

- Sort/view files by any tag or attribute or calculated field
- Logical & arithmetic combinations

The screenshot shows the foobar2000 v1.6.11 application window. The top menu bar includes File, Edit, View, Playback, Library, and Help. Below the menu is a toolbar with various playback controls. The left sidebar shows a tree view of the music library with categories: All Music (3), ~composers (4), ~Performers (20), and Various (12). The main area is divided into two panes. The left pane shows a list of tracks with columns: Name, Value, and a 'View' dropdown set to 'by folder structure'. The right pane shows a detailed view of the selected track, with tabs for Metadata, General, and Embedded artwork. The Metadata tab is active, displaying fields like Artist Name, Track Title, Album Title, Date, Genre, Composer, Album Artist, Track Number, Total Tracks, Disc Number, and Total Discs. The General tab is also visible, showing fields like Items Selected, Duration, Sample rate, Channels, Avg. bitrate, Codec, Codec profile, Encoding, Tool, and Tag type. At the bottom, there is a 'Library Viewer Selection' table with columns: Playing, Duration, Peak, Last Played, Track no, Chann..., and Artist/album. The status bar at the bottom indicates 'Playback stopped.'

Name	Value
Artist Name	Angela Hewitt; Beethoven; (unknown)
Track Title	Piano Sonata In F Minor, Op. 2/1 - 1.
Album Title	Beethoven: Piano Sonatas, Op. 2/1, 1.
Date	(unknown); 2016; 1995; 1965; 1963; 20
Genre	(unknown); Classical Violin; Beat; Rox
Composer	(unknown); Chuck Berry; Ludwig Vor
Album Artist	(unknown); Angela Hewitt; Anne-So
Track Number	1; 2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 34; 40;
Total Tracks	12; 8; 34; 52; 17; 14; 25; (unknown); 15
Disc Number	(unknown); 1; 2
Total Discs	(unknown); 2; 1

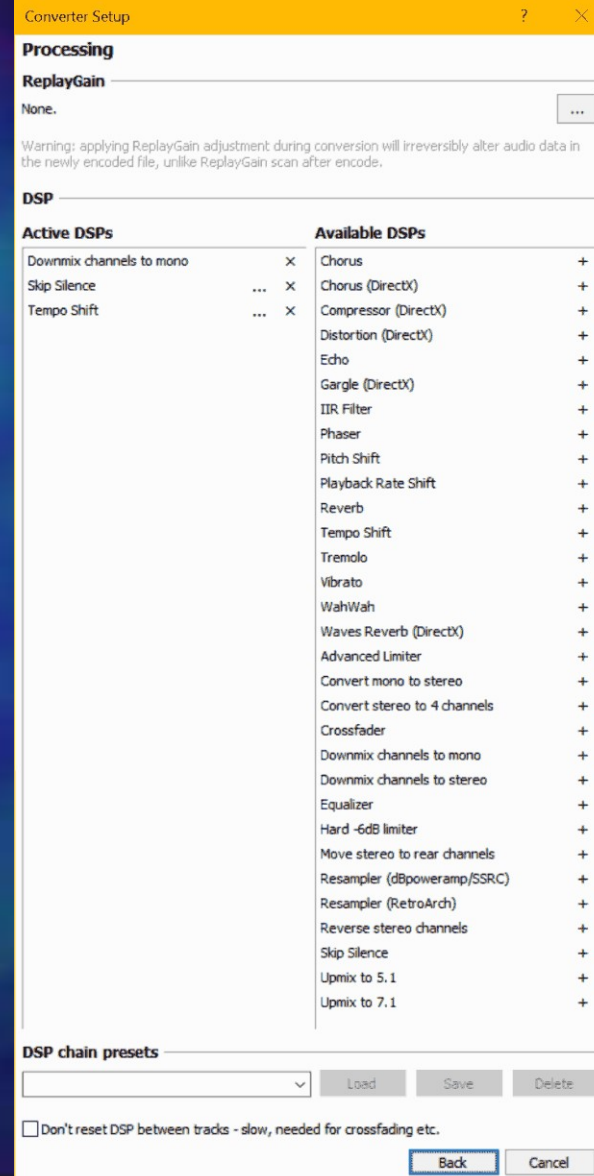
Playing	Durati...	Peak	Last Played	Track no	Chann...	Artist/album
	5:29	-0.54 dB	N/A	01	stereo	Angela Hewitt - Beethoven: Piano Sonatas, Op. ...
	4:43	-0.33 dB	N/A	02	stereo	Angela Hewitt - Beethoven: Piano Sonatas, Op. ...
	3:23	-1.94 dB	N/A	03	stereo	Angela Hewitt - Beethoven: Piano Sonatas, Op. ...
	8:10	-0.77 dB	N/A	04	stereo	Angela Hewitt - Beethoven: Piano Sonatas, Op. ...
	7:11	-3.34 dB	N/A	05	stereo	Angela Hewitt - Beethoven: Piano Sonatas, Op. ...
	5:32	-1.12 dB	N/A	06	stereo	Angela Hewitt - Beethoven: Piano Sonatas, Op. ...

Plays almost any file with audio

- WAV, MP3, MP4, AAC, CD Audio, WMA, Vorbis, Opus, FLAC, WavPack, AIFF, Musepack, Speex, AU, SND... and more with plugins ...

Rip CDs, DVDs, 7z, ZIP

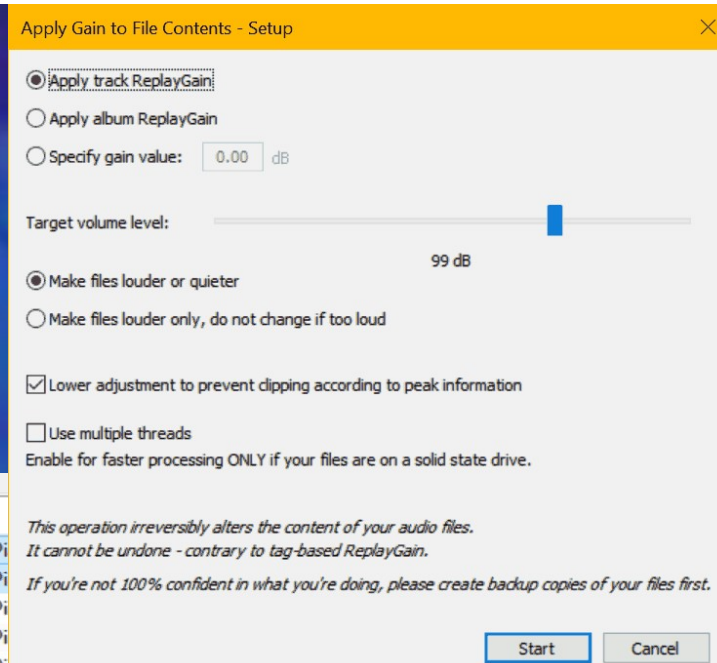
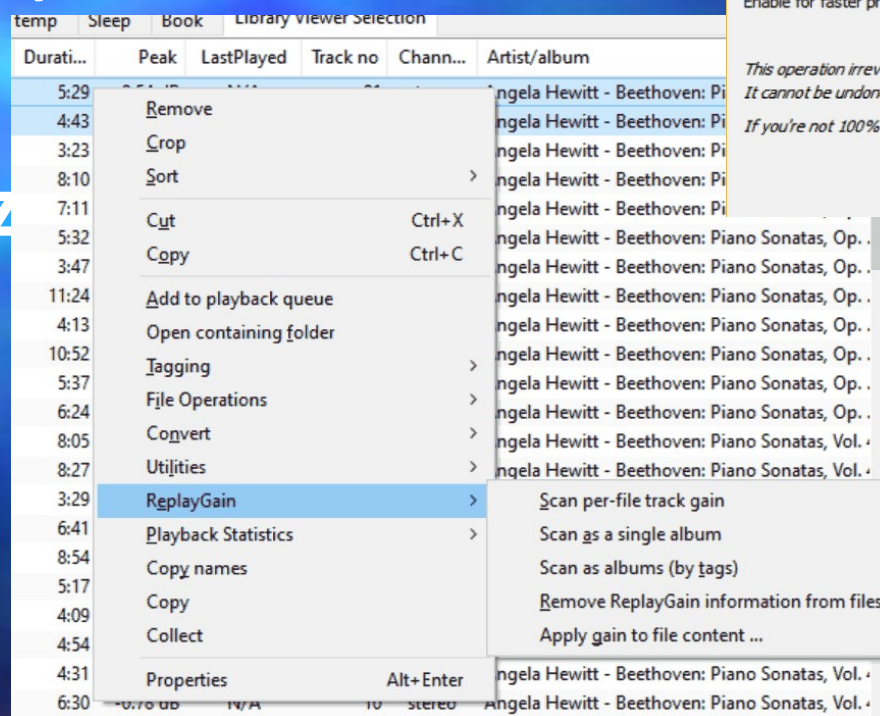
- ❑ Copy album art, playlists too
- ❑ Lossy or lossless
- ❑ Easy sound manipulation, e.g.
 - Skip silence
 - Tempo switch
 - ❑ eg 30% faster for audiobooks
 - Equalization
 - Level adjust
 - Change channel count to mono/stereo



Replay-gain

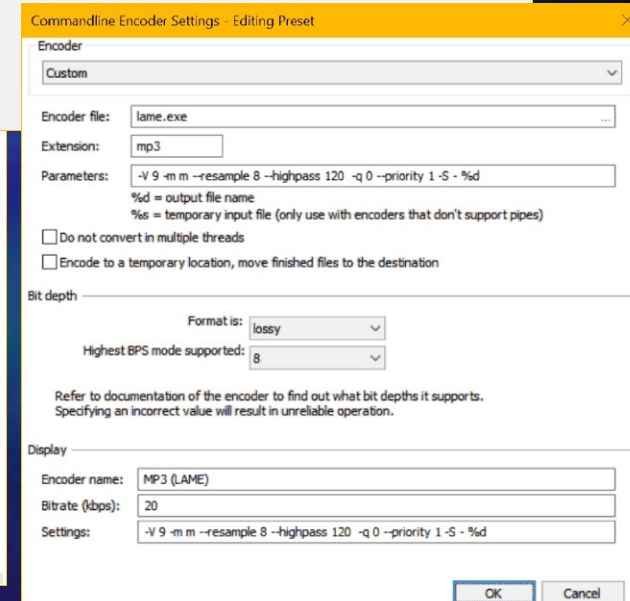
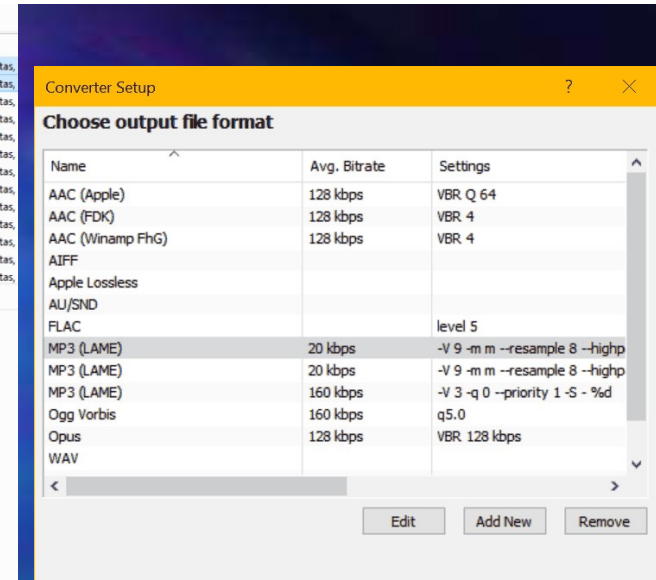
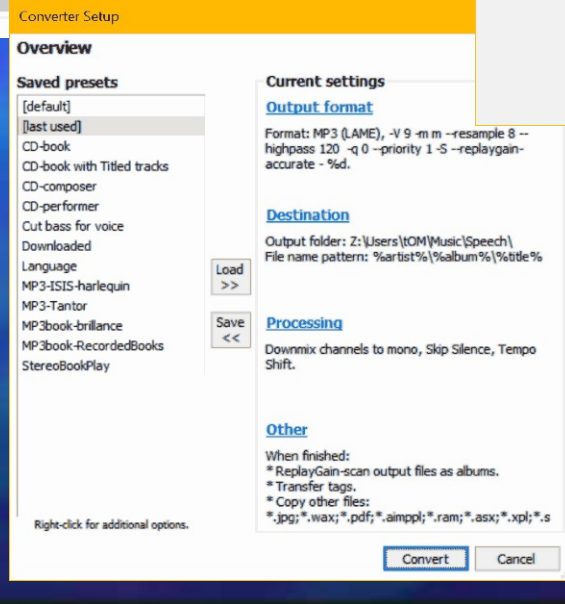
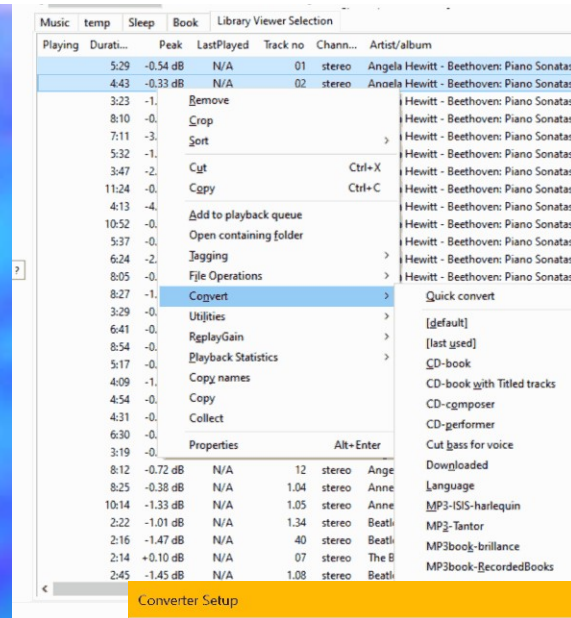
□ Calculate, set, use

□ Can normalize tracks' loudness



Ripping audiobooks

- ❑ Play faster (I use 30% tempo speedup)
- ❑ Skip silence
- ❑ Reduce bandwidth to 8khz



Lame MP3 encoder parameters

- Audiobooks – my settings
 - `-V 9 --resample 8 --highpass 120 -q 0 --priority 1 %d`
- Music – my settings
 - `-V 3 -q 0 --priority 1 -S - %d`
- V(ariable compression) 0-9, 9 most compressed, ab 16kbps per channel
- Resample – kHz sampling rate, 8 to 48 khz
- Highpass – pass sound above this Hz
 - 120 reduces bass
- Q(uality) – 0-9 – 0 is best, takes most CPU
- Priority - 1 to 4 - 1 is idle, 3 is normal, 4 is elevated
- S(ilent) – no messages
- %d – placeholder for file name

Commandline Encoder Settings - Editing Preset

Encoder: Custom

Encoder file: `lame.exe`

Extension: `mp3`

Parameters: `-V 9 -m m --resample 8 --highpass 120 -q 0 --priority 1 -S - %d`
%d = output file name
%s = temporary input file (only use with encoders that don't support pipes)

☐ Do not convert in multiple threads

☐ Encode to a temporary location, move finished files to the destination

Bit depth

Format is: `lossy`

Highest BPS mode supported: `8`

Refer to documentation of the encoder to find out what bit depths it supports. Specifying an incorrect value will result in unreliable operation.

Display

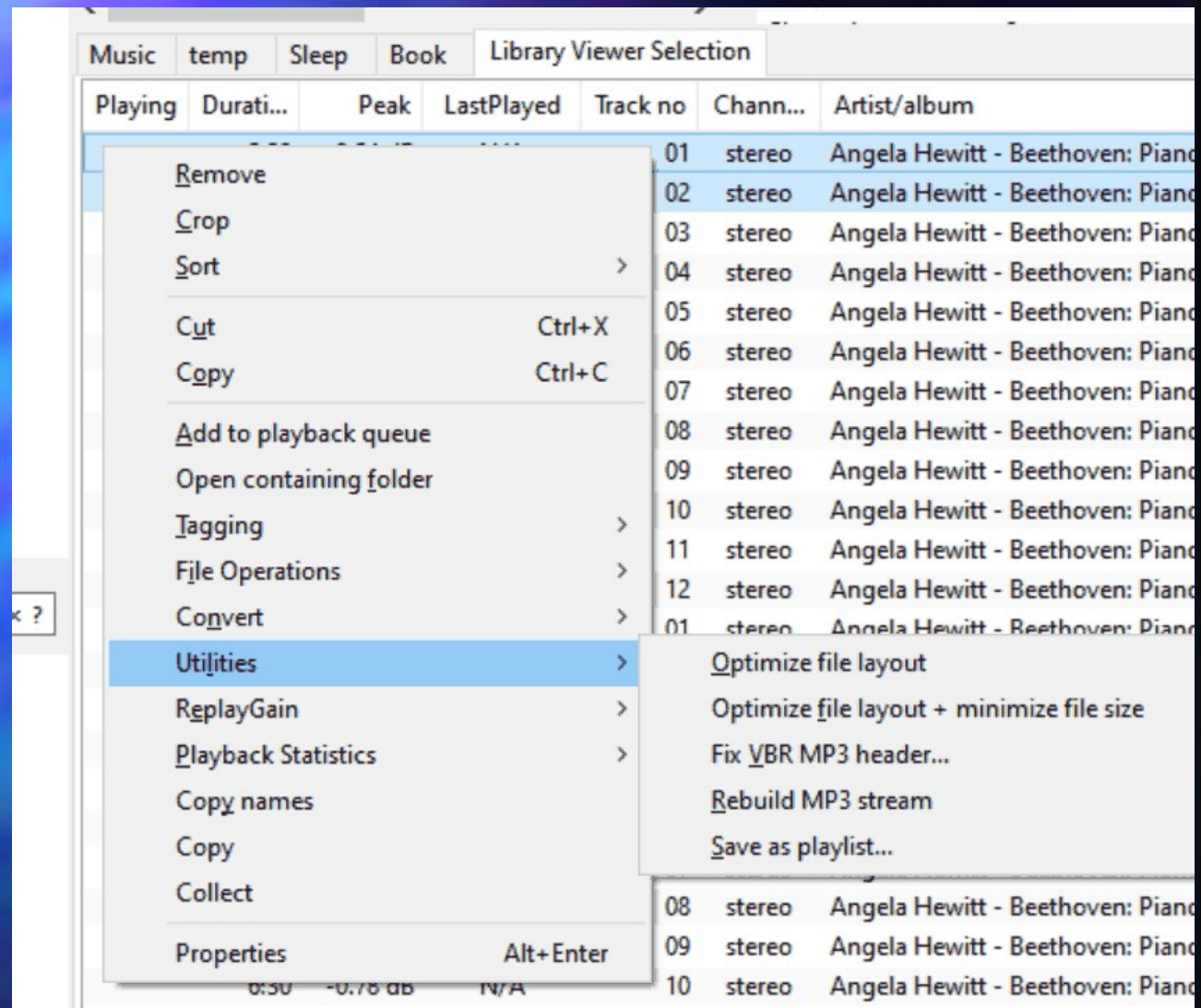
Encoder name: `MP3 (LAME)`

Bitrate (kbps): `20`

Settings: `-V 9 -m m --resample 8 --highpass 120 -q 0 --priority 1 -S - %d`

OK Cancel

MP3 utilities



Edit & add tags to audio files

Properties - 2 items

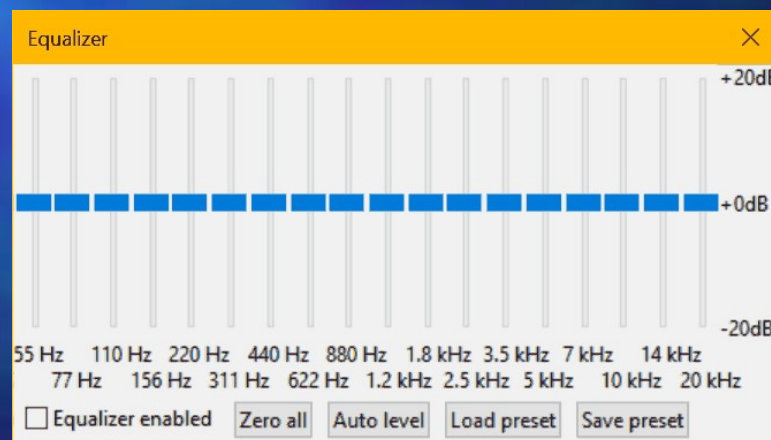
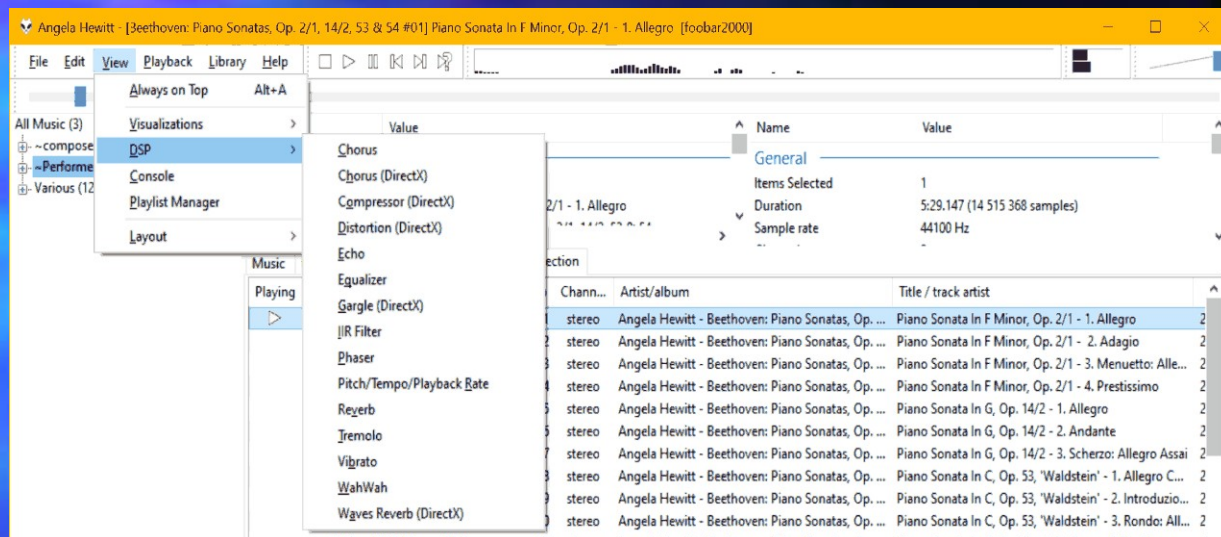
Metadata Details ReplayGain Artwork

Name	Value
Artist Name	Angela Hewitt
Track Title	«multiple values» Piano Sonata In F Minor, Op. 2/1 - 1. Allegro; Piano Sonata In F Min
Album Title	Beethoven: Piano Sonatas, Op. 2/1, 14/2, 53 & 54
Date	
Genre	
Composer	Beethoven
Performer	Beethoven
Album Artist	Beethoven- Stephen Kovacevich, piano.
Track Number	Beethoven-Bruce Hungerford
Total Tracks	Beethoven-Herbert von Karajan-Berliner Philharmoniker
Disc Number	Beethoven-Herbert von Karajan - Berliner Philharmoniker
Total Discs	Beethoven-James Ehnes(violin)+Andrew Armstrong(piano)
Comment	Beethoven-Leon Fleisher
<UPC>	Beethoven-Liverpool-Mackerras
+ add ne	Beethoven-Walter Giesking
<	Beethoven-Weingartner-Vienna-London
Tools	Beethoven
	Beethoven - Alban Berg
	Beethoven - Arthur Grumiaux

Ready.

Configurable

- Easy creation of playlists
- Show track or album art
- 18-band Equalizer – can save named settings
- Various displays:
 - VU meter, Spectrum
- Custom columns
 - calculated, concatenated



Many plugins

Bookmarks Tools Help

foobar components

https://www.foobar2000.org/components/by+date

foobar2000

Overview Download Components Screenshots Support SDK

Tags: [all](#) [untagged](#) [decoder](#) [DSP](#) [Default UI element](#) [Columns UI panel](#) [game music](#) [tagging](#) [playback control](#) [diagnostic](#) [media library viewer](#) [playlist management](#) [output](#) [playback statistics](#) [search](#) [user interface](#) [demoscene](#) [queue](#) [remote control](#) [visualization](#) [Amiga](#) [archive converter](#) [display](#) [headphones](#) [Nintendo](#) [SQL](#) [streaming](#) [Super Nintendo](#) [album art](#) [Atari](#) [automation](#) [Commodore 64](#) [comparator](#) [crossfeed](#) [DVD audio](#) [lyrics](#) [Nintendo DS](#) [nostalgia](#) [notifications](#) [playlist](#) [portable devices](#) [resampler](#) [reverb](#) [ABX](#) [Acorn](#) [AdLib](#) [Amstrad](#) [CPC](#) [audio cd](#) [backup](#) [Blu-ray](#) [audio bookmark](#) [BPM](#) [clipboard](#) [Columns UI panel host](#) [Commodore 128](#) [compressor](#) [configuration](#) [crossfade](#) [decode](#) [postprocessor](#) [demo music](#) [discogs](#) [Discord](#) [dynamics](#) [echo](#) [emulator](#) [fade](#) [GameBoy](#) [gapless](#) [last.fm](#) [limiter](#) [lossless](#) [MSX](#) [MusicBrainz](#) [network](#) [Nintendo 64](#) [Nintendo Gameboy](#) [Nintendo Gameboy Advance](#) [OPL2](#) [packet decoder](#) [pitch shift](#) [playback](#) [playlist export](#) [playlist view](#) [podcast](#) [QSound](#) [random](#) [remote library](#) [repair](#) [ReplayGain](#) [Sam Coupe](#) [scheduler](#) [Sega CD](#) [Sega Dreamcast](#) [Sega Genesis](#) [Sega Mega Drive](#) [Sega Saturn](#) [skip](#) [Skype](#) [Sony Playstation](#) [Sony Playstation 2](#) [Spotify](#) [Super Famicom](#) [Surround](#) [synthesizer](#) [TurboGrafx](#) [video](#) [Vorbis](#) [Winamp](#) [ZX Spectrum](#)

Name	Last Update	Description
Youtube Source 3.8.1 Tags: decoder	2022-09-10	This component adds possibility to play Youtube videos and playlists directly by their URL.
OpenMPT Module Decoder 0.6.5 Tags: Amiga , decoder , demoscene , game music	2022-09-09	This component decodes modules, or music files combining both samples and sequence data and effects, ...
Audioscrobbler 1.5.0 Tags: playback statistics	2022-09-06	foo_audioscrobbler is a Last.fm/Audioscrobbler component for foobar2000. ...
Run Services 0.4.2	2022-09-06	foo_run runs external applications from within foobar2000
DEAF Module Decoder 0.1	2022-09-06	A quick rebuild of kode54's DUMB decoder, with support for new 64-bit foobar2000.
Scrabble 1.6.0		foo_scrabble is a foobar2000 component for scrabbling to

2022 Sep 14

AND (I have not used)

- ❑ Internet radio
- ❑ Youtube videos
- ❑ ...

Live Example

Links

- ❑ Website
 - <https://www.foobar2000.org/>
- ❑ Also in Microsoft Store (auto updates)
- ❑ Components(plug-ins)
 - www.foobar2000.org/components
- ❑ Lame mp3 encoder
 - <https://www.filehorse.com/download-lame-mp3-encoder-64/download/>