audio

ogg://

Audio streams

ENTITY

Files opened for reading via the `ogg://` wrapper are treated as compressed audio encoded using the `OGG/Vorbis` codec. Similarly, files opened for writing or appending via the `ogg://` wrapper are written as compressed audio data. `stream_get_meta_data`, when used on an `OGG/Vorbis` file opened for reading will return various details about the stream including the `vendor` tag, any included `comments`, the number of `channels`, the sampling `rate`, and the encoding rate range described by: `bitrate_lower`, `bitrate_upper`, `bitrate_nominal`, and `bitrate_window`.

`ogg://` (PECL)

> In order to use the `ogg://` wrapper, the OGG/Vorbis extension available from ENTITY must be installed.

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- `ogg://soundfile.ogg`
- `ogg:///path/to/soundfile.ogg`
- `ogg://http://www.example.com/path/to/soundstream.ogg`

ENTITY

Attribute	Supported
Restricted by allow_url_fopen	No
Allows Reading	Yes
Allows Writing	Yes
Allows Appending	Yes

Attribute	Supported
Allows Simultaneous Reading and Writing	No
Supports `stat`	No
Supports `unlink`	No
Supports `rename`	No
Supports `mkdir`	No
Supports `rmdir`	No

Wrapper Summary {role="stream_wrapper"}

Name	Usage	Default	Mode
`pcm_mode`	PCM encoding to apply while reading, one of: `OGGVORBIS_PCM_U8`, `OGGVORBIS_PCM_S8`, `OGGVORBIS_PCM_U16_BE`, `OGGVORBIS_PCM_S16_BE`, `OGGVORBIS_PCM_U16_LE`, and `OGGVORBIS_PCM_S16_LE`. (8 vs 16 bit, signed or unsigned, big or little `endian`)	OGGVORBIS_PCM_S16_LE	Read
`rate`	Sampling rate of input data, expressed in Hz	44100	Write/Append
`bitrate`	When given as an integer, the fixed bitrate at which to encode. (16000 to 131072) When given as a float, the variable bitrate quality to use. (-1.0 to 1.0)	128000	Write/Append
`channels`	The number of audio channels to encode, typically 1 (Mono), or 2 (Stereo). May range as high as 16.	2	Write/Append
`comments`	An array of string values to encode into the track header.		Write/Append

Context options {role="stream_wrapper"}

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