NAME

soxi_ng − Sound eXchange Information, display sound file metadata

SYNOPSIS

soxi_ng [**−V**[*level*]] [**−T**] [**−t**|**−r**|**−c**|**−s**|**−d**|**−D**|**−b**|**−B**|**−p**|**−e**|**−a**] *infile1 ...*

DESCRIPTION

Displays information from the header of a given audio file or files. Supported audio file types are listed and described in **soxformat_ng**(7). Note however, that **soxi_ng** is intended for use only with audio files with a self-describing header.

By default, as much information as is available is shown. An option may be given to select just a single piece of information (perhaps for use in a script or batch file).

OPTIONS

−V Set verbosity. See **sox_ng**(1) for details.

−T Used with multiple files; changes the behavior of **−s**, **−d** and **−D** to display the total across all given files. Note that when used with **−s** with files with different sampling rates, this is of questionable value.

−t Show detected file type.

−r Show sample-rate.

−c Show number of channels.

−s Show number of samples (0 if unavailable).

−d Show duration in hours, minutes and seconds (0 if unavailable). Equivalent to number of samples divided by the sample-rate.

−D Show duration in seconds (0 if unavailable).

−b Show number of bits per sample (0 if not applicable).

−B Show the average bitrate of the audio data (0 if unavailable). For Ogg and Opus files, it will be slightly higher than reality as the size of the file header is not easily discovered.

−p Show estimated sample precision in bits.

−e Show the name of the audio encoding.

−a Show file comments (annotations) if available.

BUGS

Please report any bugs found in this version of SoX to the mailing list (sox-ng@groups.io)

SEE ALSO

sox_ng(1), **soxformat_ng**(7), **libsox_ng**(3)

The SoX web site at https://codeberg.org/sox_ng

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