

**NAME**

SoXI – Sound eXchange Information, display sound file metadata

**SYNOPSIS**

**soxi** [-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**(7). Note however, that **soxi** 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**(1) for details.
- T** Used with multiple files; changes the behaviour 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 bitrate averaged over the whole file (0 if unavailable).
- 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-users@lists.sourceforge.net](mailto:sox-users@lists.sourceforge.net)).

**SEE ALSO**

**sox**(1), **soxformat**(7), **libsox**(3)

The SoX web site at <http://sox.sourceforge.net>

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