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).

SEE ALSO

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

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

LICENSE

Copyright 2008−2013 by Chris Bagwell and SoX Contributors.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

AUTHORS

Chris Bagwell (cbagwell@users.sourceforge.net). Other authors and contributors are listed in the ChangeLog file that is distributed with the source code.

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).

SEE ALSO

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

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

LICENSE

Copyright 2008−2013 by Chris Bagwell and SoX Contributors.

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

AUTHORS

Chris Bagwell (cbagwell@users.sourceforge.net). Other authors and contributors are listed in the ChangeLog file that is distributed with the source code.