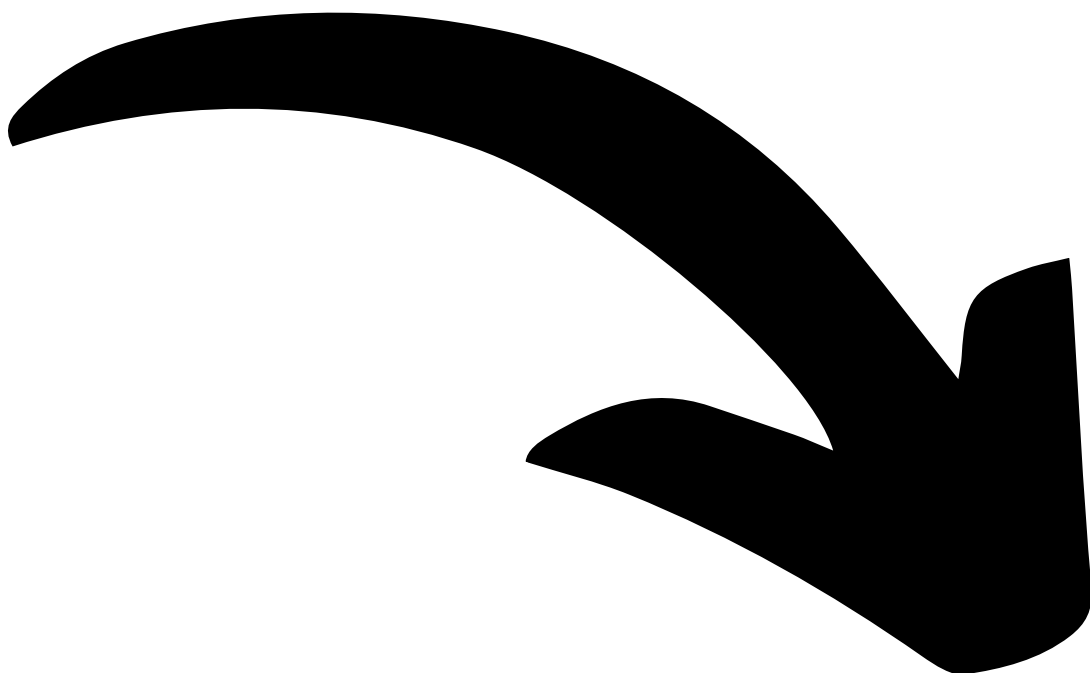


Getting to the Error Message Glossary



BWF MetaEdit - Audio-Visual Working Group of the Federal Agencies Digital Guidelines Initiative

File View Import Export Options Help

- Help...
- About...
- FADGI website

Save

File

Tech

Core

Wrench icon

Question mark icon

Lightbulb icon

FADGI logo

BWF MetaEdit - Audio-Visual Working Group of the Federal Agencies Digital Guidelines Initiative

File View Import Export Options Help

BWF MetaEdit help

Main TECH CORE Trace Errors BEXT metadata LIST-INFO metadata XML chunks Options Checksums Validation rules Workflows

Explanations of Errors and Warnings

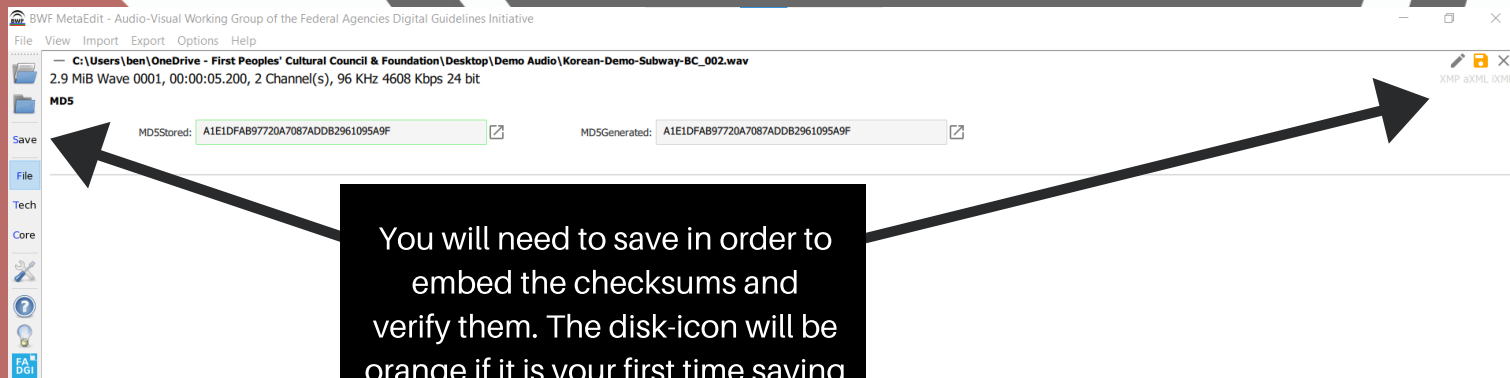
Error	Description
padding	An odd byte length chunks exists that is not immediately followed by a NULL byte. This could cause problems in reading subsequent chunks in some systems.
fmt_	For a PCM audio file this means that the technical data expressed in the <fmt_> chunk contains contradictory information.
no WAV header	The file does not appear to be a WAV file.
small	The declared chunk size of the RIFF chunk is smaller than the file actually is.
no RIFF/RF64 header	The file does not initiate with a RIFF chunk.
truncated	The actual file size is less than is stated in the file's chunk size declarations. This could indicate that the file is the result of an interrupted duplication or transfer.
chunk is too big, it can not be loaded	The total size of the non-audio-data chunks exceed the amount of memory available.
2 XXXX chunks	The file contains two chunks of the same chunk id (excepting padding chunks: FILR, FLLR, PAD_, JUNK, and JUNQ).

Other File Errors

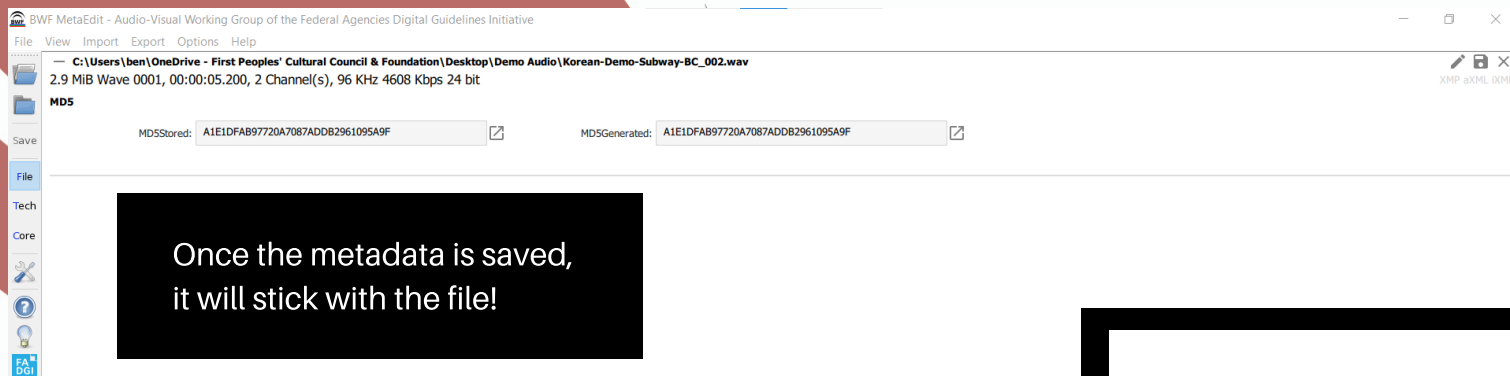
- Cannot seek input file
- Cannot open input file in read/write mode
- Cannot seek input file, file may be CORRUPTED
- Cannot write input file, file may be CORRUPTED
- Cannot create temporary file
- Cannot write temporary file
- Original file cannot be deleted
- Temporary file cannot be renamed
- WARNING, impossible to validate the resulting file, file may be CORRUPTED
- File does not exist anymore
- Old temporary file cannot be deleted

Close

File Tab



You will need to save in order to embed the checksums and verify them. The disk icon will be orange if it is your first time saving the checksums.



Once the metadata is saved, it will stick with the file!

You can double-check that the checksums are saved by heading back to the 'Tech' tab and seeing that they have been verified.

MD5Generated	Errors	Information
A1E1DFAB97720A7087ADDB2961095A9F		MD5, verified

The 'Tech' tab should auto-generate when you introduce your file(s) to the program. It will read file-size, file-type format, channel amount (Mono or Stereo), sampling rate, bit-depth (BitPerSample), and how long the recording is.

It will let you know if there are existing checksums already present too.

* There are no checksums in this file.

The screenshot shows the BWF MetaEditor interface. A table displays file metadata and MD5 checksums. The 'MD5Stored' column contains the value 'C3F85A54366E9A1C80A867B03CA71F48', which is highlighted in green. The 'MD5Generated' column contains the same value. The 'Errors' column indicates 'MD5, no existing MD5 chu'. A large black arrow points to the 'Tech' tab in the left sidebar. Another black arrow points to the 'MD5Stored' and 'MD5Generated' columns. Below the table, there are three asterisks (***) and a text box explaining that if these values differ, it indicates data loss or corruption. A second text box explains that if the values are the same and highlighted green, it indicates no data changes.

FileName	FileSize	Format	Channels	SampleRate	BitRate	BitPerSample	Duration	UnsupportedChunks	bext	INFO	MD5Stored	MD5Generated	Errors	Information
Audio Sample_Korean_Demo (1).wav	373838	Wave	1	48000	768000	16	00:00:03.893	No	No	Yes	C3F85A54366E9A1C80A867B03CA71F48	C3F85A54366E9A1C80A867B03CA71F48	MD5, no existing MD5 chu	

If there are changes to the checksums detected, then it could be there has been data loss or corruption.

Part of your maintenance should be to go through your files routinely to make sure that checksums align and that there are no errors detected on master files.

Data corruption can lead to lost audio or the inability to eventually play recordings at all.

These will be the same (and highlighted green) if there are no data changes.

Tech Tab

Core Tab

This refers to the person or org. that did the digitization.

The unique ID for this recording

FileName	Description	Originator	OriginatorReference	OriginationDate	OriginationTime	BextVersion	CodingHistory	IENG
1 X Audio Sample_Korean_Demo (1).wav								

Any info & details about the recording

Clicking 'CodingHistory' will open a sub-window where you can add in information like Sampling Rate, Bit-depth, and most importantly, information about the software and hardware you used in your digitization (e.g. which version of Audacity for editing).

Type this additional metadata in the 'Text, free string' sub-tab.

The 'Core' tab is where you will enter in information that is necessary for your DiGI log too.

While the information in the 'Tech' tab will auto-generate, you are responsible of entering in this 'Core' data.