

BWF MetaEdit

BWF MetaEdit is a tool that supports embedding, validating, and exporting of metadata in Broadcast WAVE Format (BWF) files. It supports the FADGI Broadcast WAVE Metadata Embedding Guidelines (<http://www.digitizationguidelines.gov/guidelines/digitize-embedding.html>).

Initially funded by the Library of Congress (<https://www.loc.gov/>) and FADGI (Federal Agencies Digital Guidelines Initiative) (<http://www.digitizationguidelines.gov/>); designed and led by AVPreserve (<http://avpreserve.com/>); developed by MediaArea.

MediaArea was involved in the development and provides binaries for all platforms.

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Version 23.04

Other versions (packaging, OS, interface...) are also available (/BWFMetaEdit/Download) (/BWFMetaEdit/Download /Windows) (/BWFMetaEdit/Download/Mac_OS) (/BWFMetaEdit/Download/Debian) (/BWFMetaEdit/Download /Ubuntu) (/BWFMetaEdit/Download/Ubuntu) (/BWFMetaEdit/Download/RHEL) (/BWFMetaEdit/Download /CentOS) (/BWFMetaEdit/Download/Fedora) (/BWFMetaEdit/Download/openSUSE) (/BWFMetaEdit/Download /Arch_Linux) (/BWFMetaEdit/Download/Raspbian) (/BWFMetaEdit/Download/Flatpak))

See ChangeLog (https://github.com/MediaArea/BWFMetaEdit/blob/master/History_GUI.txt) or very latest snapshots (/download/snapshots/binary/)

Please **donate (/SupportUs/Individual)** to support further development



The screenshot shows the 'Rules' tab in the BWF MetaEdit application. It contains a list of checkboxes for selecting standards and rule sets. The 'Technical Metadata' tab is also visible.

Technical Metadata	Core Metadata	Rules	File management
Select which standards and rule sets to follow during use of BWF MetaEdit. Selection of rule sets will constrained the allowed data entry and may add a. See documentation on BWF MetaEdit Rules within the Help documentation.			
<input checked="" type="checkbox"/> BWF (EBU Tech 3285) requirements			
<input type="checkbox"/> BWF (EBU Tech 3285) recommendations			
<input type="checkbox"/> BWF CodingHistory (EBU Tech R98-1999) recommendations			
<input type="checkbox"/> BWF OriginatorReference (EBU R99-1999) recommendations			
<input checked="" type="checkbox"/> INFO (Microsoft definition) requirements			
<input type="checkbox"/> INFO (Microsoft definition) recommendations			
<input type="checkbox"/> Federal Agencies Digitization Guidelines Initiative recommendations			

BWF MetaEdit features:

- Import, edit, embed, and export specified metadata elements in WAVE audio files
- Export technical metadata from Format Chunks and minimal metadata from bext and INFO chunks as comma-separated values and/or XML, across a set of files or from individual files
- Evaluate, verify and embed MD5 checksums, as applied to the WAVE file's data chunk (audio bitstream only)
- Enforce the guideline (above) developed by the Federal Agencies Audio-Visual Working Group, as well as specifications from the European Broadcasting Union (EBU), Microsoft, and IBM
- Generate reports that show errors in the construction of WAVE files

Explanation of BWF MetaEdit Views and Documents:

- TECH (/BWFMetaEdit/tech_view_help)
- CORE (/BWFMetaEdit/core_doc_help)
- TRACE (/BWFMetaEdit/trace)
- Explanation of Errors and Warnings (/BWFMetaEdit/errors)

Metadata Standards:

- Definitions and Use of BEXT metadata (/BWFMetaEdit/bext)
- Definitions and Use of LIST-INFO metadata (/BWFMetaEdit/listinfo)
- XML chunks (/BWFMetaEdit/xml_chunks)

Use:

- Preferences (/BWFMetaEdit/options)
- Use of Audio Only Checksums (/BWFMetaEdit/md5)
- Application of Validation Rules (/BWFMetaEdit/validation_rules_help)
- Suggested Workflows (/BWFMetaEdit/workflows)

License:

It is Open-Source (https://en.wikipedia.org/wiki/Open_source) software which means that end users and developers have freedom to study, to improve and to redistribute the program (Public domain (/BWFMetaEdit/License) for the code developed by us).



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