



TUN-Tools

Version 1.00

9th July 2009

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Contents

1	General	2
2	TUN-Edit	2
3	TUN-Convert	2
3.1	Creating a template to embed TUN into HTML	3
4	MSF-Edit	4

1 General

The TUN-tools described in the following are (C)opyright 2009 by Mark Henning, Germany. Free source code as well as the tuning file specifications can be obtained from here: <http://www.mark-henning.de>

2 TUN-Edit

TUN-Edit shows the informational part of the tuning file to let you edit scale name, author, description and many more. Writes tuning data as AnaMark tuning file (.TUN V2.00) and embedded in HTML.

NOTE: To add/edit/delete an entry from one of the list boxes "Keywords" or "Compositions" use the keys 'insert', 'F2' and 'delete', respectively.

3 TUN-Convert

Reads a list of scale files; supported formats are:

- .TUN up to version V2.00
- Scala scale files and keyboard mappings (.SCL and .KBM)¹

Then it exports the files as

- .TUN V0 (VAZ 1.5 Plus tuning file)

¹The .TUN format supports ratios, periodic scales and keyboard mapping so that it is possible to keep the main structure of the scala files. However, the current version of TUN-Convert does not care about that, but works on a list of frequencies.

- .TUN V1.00 (AnaMark / VAZ 1.5 Plus tuning file)
- .TUN V2.00 (AnaMark tuning file)
- .TUN V2.00 embedded in HTML

A default template to embed data in HTML is given in the file `TEMPLATE.html`.

IMPORTANT: The tool might overwrite the files in the list, if the file extension is not changed during the conversion process, so you should always work on copies! NEVER WORK ON YOUR ORIGINAL SCALE FILES! When saving .tun files as embedded html, the file extension is changed to .tun.html an vice versa.

3.1 Creating a template to embed TUN into HTML

To embed TUN data into HTML, the following placeholders can be used, which refer directly to the corresponding section:key pair:

- @@@Scale Begin:Format@@@
- @@@Scale Begin:FormatVersion@@@
- @@@Scale Begin:FormatSpecs@@@
- @@@Info:Name@@@
- @@@Info:ID@@@
- @@@Info:Filename@@@
- @@@Info:Author@@@
- @@@Info:Location@@@
- @@@Info:Contact@@@
- @@@Info:Date@@@
- @@@Info:Editor@@@
- @@@Info:EditorSpecs@@@
- @@@Info:Description@@@
- @@@Info:Keyword@@@
- @@@Info:History@@@

- @@@Info:Geography@@@
- @@@Info:Instrument@@@
- @@@Info:Composition@@@
- @@@Info:Comments@@@
- @@@_DataSet_:AllData@@@

The last placeholder represents the complete TUN dataset. It is recommended to be placed in a comment at the end of the HTML file. An additional `__FakeKey` = is appended to make closing HTML tags invisible to TUN reading applications.

See also the file *TEMPLATE.html* which provides an example template to embed TUN data into HTML.

4 MSF-Edit

MSF-Edit is a simple editor for **M**ultiple **S**cale **F**iles. These files contain multiple scales which are assigned to different MIDI channels. MSF-Edit shows the MIDI channels assignment of the scales and can import/export/rename scales. Written MSF-Files contain tuning data as AnaMark tuning file (.TUN V2.00).