

SVN Repository for MIOS8 and MIOS32 projects

MIOS8 and MIOS32 projects are stored in a SVN repository.

TODO: explain installation of SVN clients for Windows/MacOS/Linux here Optionally search for "svn" in the wiki to retrieve already existing documentation.

Downloading projects with a SVN client with read-only access (sufficient for most users)

Use following URLs:

- MIOS8: `svn:svnmios.midibox.org/mios` * MIOS32: `svn:svnmios.midibox.org/mios32`

Downloading projects with a SVN client for read & write access

Ask TK for a SSH account.

Then use following URLs:

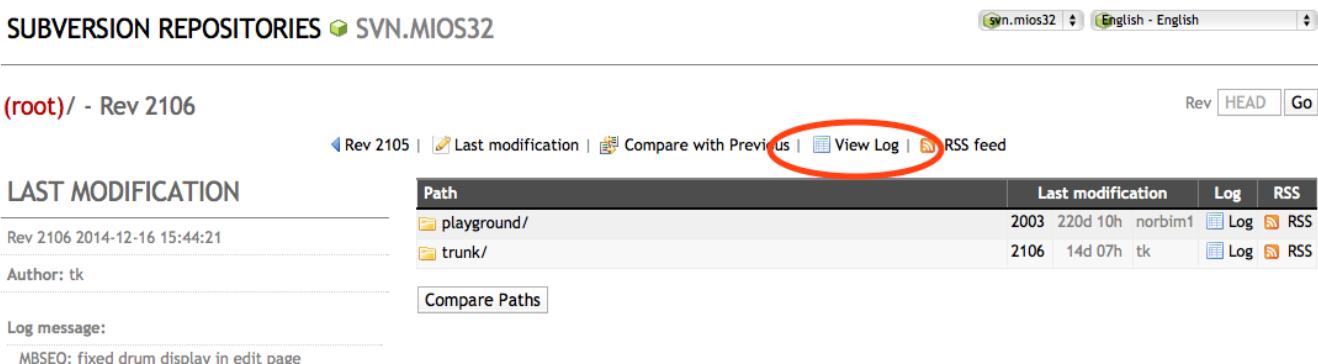
- MIOS8: `svn+ssh:svn@midibox.org/mios` * MIOS32: `svn+ssh:svn@midibox.org/mios32`

Using the SVN Web Client to determine Firmware Changes

Here an usage example:

Go to <http://svnmios.midibox.org>

Select the MIOS32 repository, and then click on the "View logs" button.



The screenshot shows the SVN Web Client interface for the MIOS32 repository. At the top, there are language and repository selection dropdowns. Below that, the repository path is shown as `(root) / - Rev 2106`. A navigation bar includes links for `Rev 2105`, `Last modification`, `Compare with Previous`, `View Log` (which is circled in red), and `RSS feed`. On the left, a 'LAST MODIFICATION' sidebar shows the revision history: Rev 2106 (2014-12-16 15:44:21) by Author: tk. The main area displays a table of file modifications:

Path	Last modification	Log	RSS
<code>playground/</code>	2003 220d 10h norbim1	Log	RSS
<code>trunk/</code>	2106 14d 07h tk	Log	RSS

At the bottom, there are buttons for `Compare Paths` and `Log message`, and a note about MBSEQ: fixed drum display in edit page.

Check the comments, they are sometimes helpful. Select the potential problematic version with a “known good” one, or whatever you want to compare. Then click on the “show changed files” button:

SUBVERSION REPOSITORIES  **SVN.MIOS32**

(root) / - Rev 2106

Rev HEAD Go

Show changed files | Directory listing | RSS feed

FILTERING OPTIONS

From rev 2106	To rev 1	Max revs 40
Search history for		
Show All		
<input type="checkbox"/>		
Go		

Rev	Age	Author	Path	Log message	Diff
<input type="checkbox"/> 2106 14d 07h tk			/trunk/apps/sequencers/midibox_seq_v4/core/	MBSEQ: fixed drum display in edit page	
<input type="checkbox"/> 2105 15d 01h tk			/trunk/apps/sequencers/midibox_seq_v4/hwcfg/	MBSEQ: added hint about DOUT pin mirroring in MBSEQ_HW.V4 files	
<input type="checkbox"/> 2104 15d 02h tk			/trunk/apps/sequencers/midibox_seq_v4/	MBSEQ: improved glide mode for polyphonic steps	
<input type="checkbox"/> 2103 15d 04h tk			/trunk/apps/sequencers/midibox_seq_v4/	midibox_seq_v4_087	
<input checked="" type="checkbox"/> 2102 15d 05h tk			/trunk/apps/sequencers/midibox_seq_v4/core/	MBSEQ: store_file_required -> ui_store_file_required	
<input checked="" type="checkbox"/> 2101 15d 05h tk			/trunk/apps/sequencers/midibox_seq_v4/	MBSEQ: some updates	
<input type="checkbox"/> 2100 17d 02h tk			/trunk/apps/controllers/midibox_ng_v1/	MBNG: added LOAD command to .NGR file	
<input type="checkbox"/> 2099 20d 23h tk			/trunk/apps/controllers/midibox_ng_v1/	MBNG: fixed SRIO num_sr reconfig for matrices	
<input type="checkbox"/> 2098 23d 03h tk			/trunk/apps/sequencers/midibox_seq_v4/	MBSEQ: up to 8 DIN sync clock outputs available now	
<input type="checkbox"/> 2097 25d 00h tk			/trunk/	MBNG: use new spi_midi flag so that no special app binary needs to be used	
<input type="checkbox"/> 2096 25d 00h tk			/trunk/	MIOS32: allow to disable/enable SPI MIDI	

This gives you a nice looking diff over all changes:

SUBVERSION REPOSITORIES  SVN.MIOS32

Syn.mios32 English - English

COMPARE REVISIONS

This comparison shows the changes necessary to convert path

/ @ 2101
→ / @ 2102
↔ Reverse comparison

Compare Path: Rev 2101
With Path: Rev 2102
[Compare Paths](#)

REV 2101 → REV 2102

 Ignore whitespace

```
/trunk/apps/sequencers/midibox_seq_v4/core/seq_ui_opt.c
128,7 → 128,6
// Local variables
///////////////////////////////
❶ static u8 store_file_required;
❷ static u8 local_selected_item = 0; // stays stable when menu is exit

175,12 → 174,12
u8 value = seq_core_steps_per_measure >> 4;
if( SEQ_UI_Var8_Inc(&value, 0, 15, incrementer) >= 0 ) {
    seq_core_steps_per_measure = (value << 4) + 15;
❶ store_file_required = 1;
❷ ui_store_file_required = 1;
    return 1;
}
} else {
if( SEQ_UI_Var8_Inc(&seq_core_steps_per_measure, 0, 255, incrementer) >= 0 ) {
❶ store_file_required = 1;
❷ ui_store_file_required = 1;
    return 1;
}
}

192,12 → 191,12
u8 value = seq_core_steps_per_pattern >> 4;
if( SEQ_UI_Var8_Inc(&value, 0, 15, incrementer) >= 0 ) {
    seq_core_steps_per_pattern = (value << 4) + 15;
❶ store_file_required = 1;
❷ ui_store_file_required = 1;
    return 1;
}
} else {
if( SEQ_UI_Var8_Inc(&seq_core_steps_per_pattern, 0, 255, incrementer) >= 0 ) {
❶ store_file_required = 1;
❷ ui_store_file_required = 1;
    return 1;
}
}

208,7 → 207,7
seq_core_options.SYNCHED_PATTERN_CHANGE = incrementer > 0 ? 1 : 0;
else
seq_core_options.SYNCHED_PATTERN_CHANGE ^= 1;
❶ store_file_required = 1;
❷ ui_store_file_required = 1;
    return 1;

case ITEM_PATTERN_MIXER_MAP_COUPLING:
216,7 → 215,7
```

And with some luck you will find out quickly, that the variable has been declared in seq_ui.c :)

I'm using this web based method as well whenever somebody reports a problem after firmware

changes in order to find out what I did 

From:

<http://www.midibox.org/dokuwiki/> - **MIDIbox**

Permanent link:

<http://www.midibox.org/dokuwiki/doku.php?id=svn&rev=1419981719>

Last update: **2014/12/30 23:21**

