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/mios

Using the SVN Web Client to determine Firmware Changes
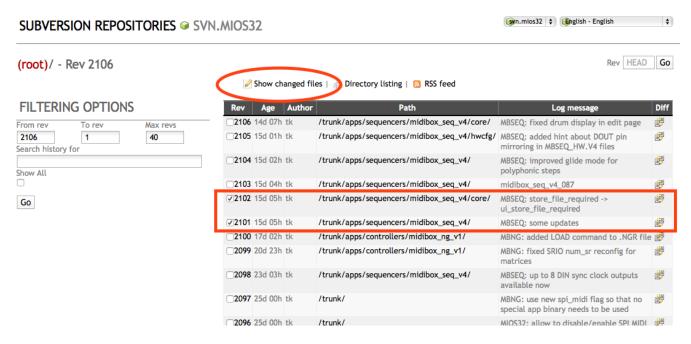
Here an usage example:
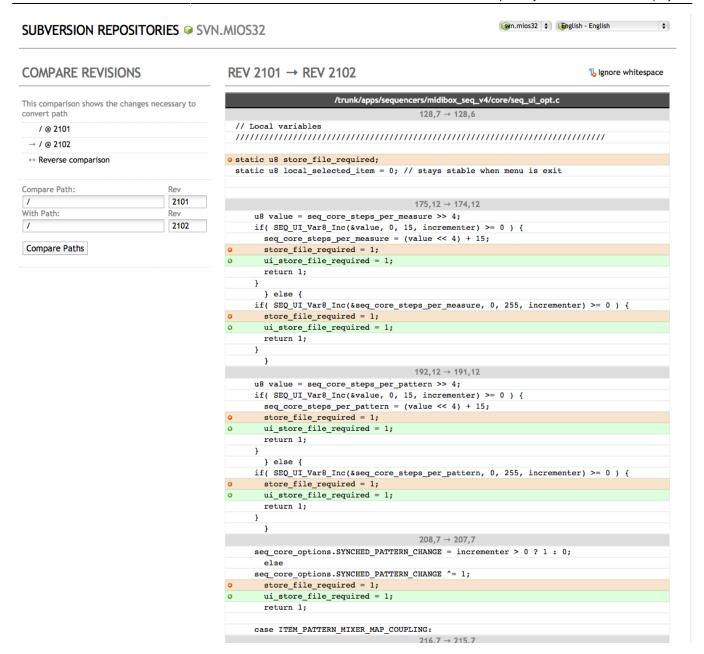
Go to http://svnmios.midibox.org

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

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:

This gives you a nice looking diff over all changes:

SUBVERSION REPOSITORIES ⊙ SVN.MIOS32

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
/////////////////////////////////////////////////////////////////////////
static u8 store_file_required;
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;
        store_file_required = 1;
        ui_store_file_required = 1;
        return 1;
      }
      } else {
      if( SEQ_UI_Var8_Inc(&seq_core_steps_per_measure, 0, 255, incrementer) >= 0 ) {
        store_file_required = 1;
        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;
        store_file_required = 1;
        ui_store_file_required = 1;
        return 1;
      }
      } else {
      if( SEQ_UI_Var8_Inc(&seq_core_steps_per_pattern, 0, 255, incrementer) >= 0 ) {
        store_file_required = 1;
        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;
        store_file_required = 1;
        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 😉