

QCWTool

Introduction

QCWTool is a tool to help manage lines and notes in QCharts workspace files. It can help users migrate one symbol to another.

When you start QCWTool, you'll see the main window which consists of the available tools. Each tool will be described in a subsequent section.

- [Verify](#): This tool reads in a QCW file and verifies that the tool can parse it and write it out correctly.
- [Replace](#): This tool reads in a QCW file and performs one or more symbol replacements.
- [Merge](#): This tool reads in a “source” QCW file and merges lines and notes from selected studies into a “target” QCW

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Verify

The verify tool reads in a single QCW file, verifies that it is a well-formed QCW file, and writes it back out, verifying that what was read is identical to what was written.

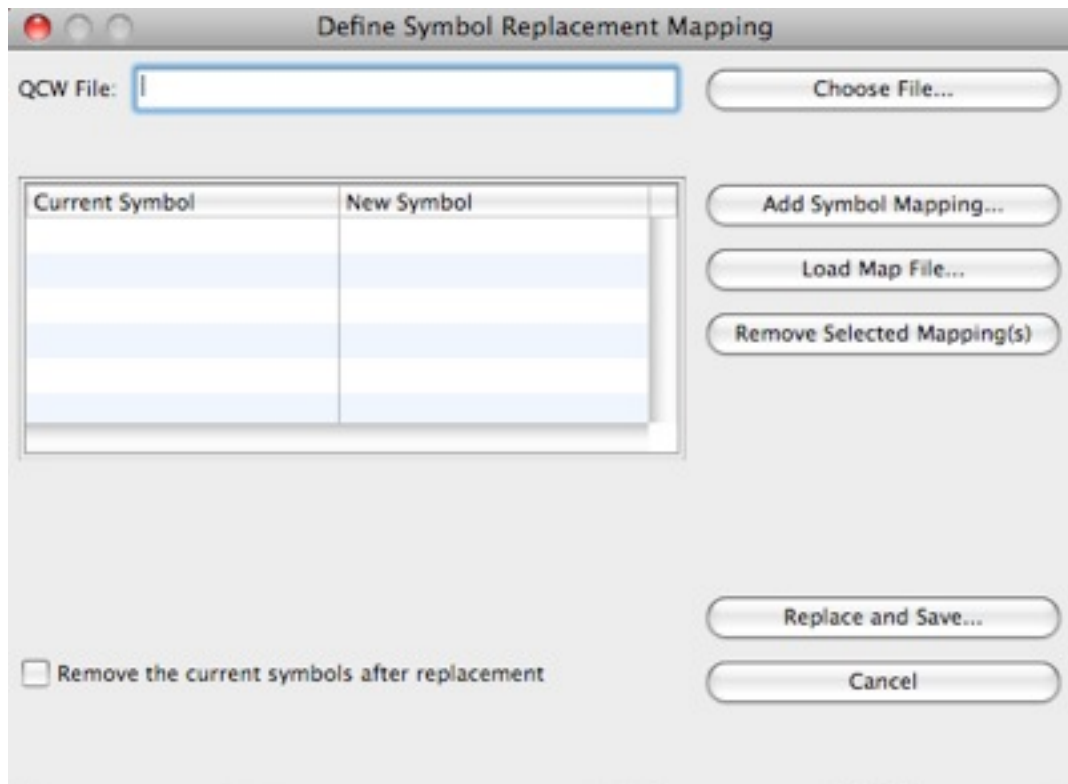
Note that no changes are ever made to the actual input file.

If the verification succeeds, a window is displayed with a summary of the workspace, including the number of lines and notes present.

Replace

The replace tool reads in a single QCW file and migrates the lines and notes associated with one symbol to a second symbol. Since the QCW format associates lines and notes with the symbol string (e.g. “INDEX:OEX.X”) those lines and notes are not available when the symbol name changes (e.g. “INDEX:\$OEX”). This tool helps the user migrate those lines.

Note that no changes are ever made to the actual input file.



Choose File...

The user chooses a QCW file at the top of the dialog by typing in the path of the file or using the “Choose File...” button to open a file chooser window.

Add Symbol Mapping...

A mapping is a pair of symbols with the “current symbol” being the one for which the user has existing lines and notes and the “new symbol” being the one to which the user wants to migrate those lines and notes. Clicking this will open a dialog where the user can enter the two symbols. Note that the symbols should include an exchange prefix. That is, use “INDEX:OEX.X”, not just “OEX.X”.

Load Map File...

The symbol mappings can be entered manually as described above, but this can be tedious if there are lots of them. In this case, the user can load a mapping file containing multiple mappings. The mapping file is an ASCII text file with multiple lines of the form OLD_SYM = NEW_SYM. An example snippet is shown below (using symbols with spaces in them is OK):

```
INDEX:INDU = INDEX:$INDU
INDEX:COMPX = INDEX:$COMPQ
INDEX:OEX.X = INDEX:$OEX
```

Remove the current symbols after replacement

Checking this box will remove the lines and notes for any symbols in the “current symbol” list after the replacement is done. I’m not exactly sure why you’d want to remove these lines and notes as they’re benign, but the option is available if you want to remove them.

Replace and Save...

This will perform the requested replacements and open a file chooser dialog to prompt the user for a location where the resulting QCW file should be saved.

There can be merge conflicts during the replacement process. For instance, if you’re moving the lines and notes from INDEX:OEX.X to INDEX:\$OEX, but you already have lines or notes for INDEX:\$OEX there is a conflict and the tool needs some guidance. A merge conflict resolution dialog will be displayed. See the [Merge Conflict](#) section for a discussion of its options. Once you select a merge policy, the replacement will continue.

Cancel

Close this window and return to the main menu.

Merge

TBD

Merge Conflict

When the user requests that 2 studies are merged, but both studies contain at least one line or note there is a merge conflict and the user must give the tool guidance on how to proceed. In this situation a merge conflict dialog appears and the user has four options:

- Keep all lines. This will take all of the lines from the current symbol and add them to the lines of the new symbol.
- Keep only new lines. This will discard the lines/notes from the current symbol and keep the existing lines/notes of the new symbol untouched.
- Keep only old lines. This will remove any existing lines/notes for the new symbol, replacing them with all of the lines/notes from the current symbol.
- Skip this replacement. Do nothing, keeping the current and new symbols as they are.
 - Note that when using the replace tool, choosing this option with “Remove current symbols after replacement” checked will result in the current symbol being deleted.

The user can check a box to use this policy for future merge conflicts to avoid having to select a policy for each conflict that occurs.

In the screenshot below, we’ve merged two charts and have a conflict where both of them have lines and/or notes for NYSE:DIS.

