Test Results

\_\_\_\_\_

		e configuration s "can't be executed")	Number of BP hits and trigger sources of octave_qscintilla::focusInEvent (extract from breakpoint / backtrace at line 1048) passed   failed = Test Results from the GUI Handling Tests	
Test Number	SetFocusProxy () file-editor-tab.cc:266	m_edit_area->setFocus file-editor-tab.cc:954	"Switching Tab" - Test	"Close Tab" - Test
			Hit #1: other source	No halt
1	uncomment	uncomment	No #2 trig	
			GUI test passed	GUI test failed
			Hit #1: other source	Hit #1: file_editor_tab::set_focus
2	comment	uncomment	Hit #2: file_editor_tab::set_focus	Hit #2: file_editor_tab::set_focus
			GUI test passed	GUI test passed
3			Hit #1: other source	No halt 🔨
	uncomment	comment	No #2 trig	
			GUI test passed	GUI test failed
4	comment	comment	Hit #1: other source	No halt
			No #2 trig	
			GUI test failed	GUI test failed

GDB indicates that "focusInEvent" is executed two times. Both times triggered by "m\_edit\_area->setFocus"

In the GUI the "Close Tab" handling test is passed (i.e. the cursor is transfered und keyboard input is possible)

"Close Tab" - Handling Test Description

1.) Open file A.m and B.m

2.) Set cursor to line 3 in A.m and line 2 in B.m3.) B.m must be the active tab

4.) Close B.m by clicking the cross in the tab bar

5.) Test passed if B.m gets closed & A.m becomes active & the cursor is set to line 3 & A.m responds to keyboard input. The test fails in all other cases. For example if A.m blocks keyboard, has no cursor etc.

"Switching Tab" - Handling Test Description

Step 1.) up to 3.) same as "Close Tab" - Testprocedure

4.) With the mouse click on the A.m Tab

5.) Test passed if A.m becomes active & the cursor is set to line 3 & A.m responds to keyboard input. The test fails in all other cases. For example if A.m blocks keyboard, has no cursor etc.

A.m 💥 B.m 💥	A.m ⋈ B.m ⋈
<pre>1 fprintf ("TAB A\n");</pre>	<pre>1 fprintf ("TAB B\n");</pre>
<pre>2 fprintf ("Line 2\n");</pre>	<pre>2 fprintf ("Line 2\n");</pre>
<pre>3 fprintf ("Line 3\n");</pre>	<pre>3 fprintf ("Line 3\n");</pre>
4	4

Test-Environment

hg id 493d46a02edc+@

rpm -q --whatprovides /lib64/libQt5Widgets.so.5 qt5-qtbase-gui-5.13.2-2.fc31.x86\_64 : qt5-qtbase-gui Name Version : 5.13.2 Release : 2.fc31 : Fedora Project Vendor

	ace is created with the following script. In order to avoid notify events when switching between octave GUI and the console, gdb and the console, gdb according to the breakpoint.
gdl	р -p `pidof lt-octave-gui`
set bre cor	1

Trigger source is identified in the backtrace. For example in "Test #2 / Close Tab " octave\_qscintilla::focusInEvent is triggered via -> emit (fetab\_set\_focus) -> void file\_editor\_tab::set\_focus (const QWidget \*ID).

"other source" means that no "file\_editor\_tab::set\_focus" line can be found in the backtrace.

