Version:	TraceCompass-1.0.0					
Date:	2015/04/17					

Section	Content	To do	Pass	Fail	Total	
1	Integration	0	29	0	29	
2	Junit Tests	0	18	0	18	
3	TMF - Project View	0	141	1	142	With comments
4	TMF - EventsEditor	0	24	0	24	With comments
5	TMF - BookmarksView	0	17	0	17	With comments
6	TMF - Filters View	0	12	0	12	With comments
7	TMF - Colors View	0	6	0	6	
8	TMF - Histogram View	0	50	0	50	With comments
9	TMF - Sequence Diagram	0	36	1	37	With comments
10	TMF - Statistics View	0	17	0	17	With comments
11	TMF - Time Chart View	0	25	1	26	With comments
12	TMF - Custom Parsers	0	27	0	27	With comments
13	TMF - State System Explorer	0	14	0	14	
14	TMF - Call Stack View	0	22	0	22	With comments
15	TMF - Remote Fetching	0	53	0	53	
16	LTTng 2.0 - Control Flow View	0	45	0	45	With comments
17	LTTng 2.0 - Resources View	0	36	0	36	With comments
18	LTTng 2.0 - Control View	0	108	0	108	With comments
19	GDB Tracing	0	26	0	26	With comments
20	Tracing RCP	0	32	0	32	With comments
21	LTTng 2.0 - Memory Analysis	0	16	4	20	With comments
22	LTTng 2.0 - CPU Analysis	0	21	4	25	With comments
23	Trace Synchronization	0	12	1	13	With comments

24	XML analysis	0	37	2	39	With comments
25	Network Trace analysis	0	11	0	11	
	Total:	**0**	**835**	**14**	**849**	
		Open	**Fixed**	**Total**		
	Bug Reports	14	1	15		

	Section	Pass	Fail	To Do	Comment
	Integration	29	0	0	3
Target	Windows				

Step	Test Case	Action	Verification		Comment
1	**Verify C/C++ EPP Package RC1**				
1.1	Download EPP Package	Download, extract and start EPP package	EPP Package starts	Pass	
1.2	Version of Tracing Features	Go to Help -> About Eclipse -> Installion Details	Verify that all tracing features and plug-ins are present and have the correct version (TMF, LTTng, CTF, GDBTrace)	Pass	
1.3	TMF presence	Open Tracing perspective	Tracing perspective opens	Pass	
1.4	LTTng presence	Open LTTng Kernel perspective	LTTng Kernel perspective	Pass	
1.5	GDB Tracepoint Analysis presence	Open GDB Trace perspective	GDB Tracepoint analysis perspective	Pass	
	Mars Update Site	Go to Help -> Install New Software... -> Update site "Mars - http://download.eclipse.org/releases/mars"	Verify that all LTTng Kernel, LTTng UST and GDB Trace are availab	Pass	
2	**Verify C/C++ EPP Package RC2**				
2.1	Download EPP Package	Download, extract and start EPP package. Check the mailing list for the pac https://dev.eclipse.org/mailman/listinfo/epp-dev	EPP Package starts	Pass	
2.2	Version of Tracing Features	Go to Help -> About Eclipse -> Installation Details	Verify that all tracing features and plug-ins are present and have the correct version (TMF, LTTng, CTF, GDBTrace)	Pass	
2.3	TMF presence	Open Tracing perspective	Tracing perspective opens	Pass	
2.4	LTTng presence	Open LTTng Kernel perspective	LTTng Kernel perspective	Pass	
2.5	GDB Tracepoint Analysis presence	Open GDB Trace perspective	GDB Tracepoint analysis perspective	Pass	
2.6	Mars Update Site	Go to Help -> Install New Software... -> Use the testing update site "Mars - http://download.eclipse.org/releases/mars"	Verify that all LTTng Kernel, LTTng UST and GDB Trace are availab	Pass	
3	**Verify C/C++ EPP Package RC3**				
3.1	Download EPP Package	Download, extract and start EPP package	EPP Package starts	Pass	
3.2	Version of Tracing Features	Go to Help -> About Eclipse -> Installation Details	Verify that all tracing features and plug-ins are present and have the correct version (TMF, LTTng, CTF, GDBTrace)	Pass	
3.3	TMF presence	Open Tracing perspective	Tracing perspective opens	Pass	
3.4	LTTng presence	Open LTTng Kernel perspective	LTTng Kernel perspective	Pass	
3.5	GDB Tracepoint Analysis presence	Open GDB Trace perspective	GDB Tracepoint analysis perspective	Pass	
3.6	Mars Update Site	Go to Help -> Install New Software... -> Use the testing update site "Mars - http://download.eclipse.org/releases/mars"	Verify that all LTTng Kernel, LTTng UST and GDB Trace are availab	Pass	/mars wasn't up to date yet, tested /staging instead
4	**Verify C/C++ EPP Package RC4**				
4.1	Download EPP Package	Download, extract and start EPP package	EPP Package starts	Pass	
4.2	Version of Tracing Features	Go to Help -> About Eclipse -> Installation Details	Verify that all tracing features and plug-ins are present and have the correct version (TMF, LTTng Control, LTTng Kernel, LTTng UST, CTF, GDBTrace)	Pass	
4.3	TMF presence	Open Tracing perspective	Tracing perspective opens	Pass	
4.4	LTTng presence	Open LTTng Kernel perspective	LTTng Kernel perspective	Pass	
4.5	GDB Tracepoint Analysis presence	Open GDB Trace perspective	GDB Tracepoint analysis perspective	Pass	
4.6	Mars Update Site	Go to Help -> Install New Software... -> Use the testing update site "Mars - http://download.eclipse.org/releases/mars"	Verify that all LTTng Kernel, LTTng UST and GDB Trace are availab	Pass	/mars wasn't up to date yet, tested /staging instead
5	**Verify Update Site**				
5.1	Mars Update Site	Download Eclipse standard and install LTTng Kernel, LTTng Control, LTTng UST, GDBTrace and PCAP Network Analysis from main Mars testing Update site "Mars - http://download.eclipse.org/releases/mars"	Verify that installation was successful	Pass	
5.2	Trace Compass Update Site	Download Eclipse standard and install LTTng Kernel, LTTng Control, LTTng UST, GDBTrace and PCAP Network Analysis from the Linux Tools Update site http://download.eclipse.org/tracecompass/mars/milestones	Verify that installation was successful	Pass	
5.3	Upgrade using Mars Update Site	Download Eclipse standard from Luna SR2 and install LTTng, LTTng Kernel, GDBTrace and PCAP Network Analysis from main Luna Update site. http://download.eclipse.org/releases/luna Try to update the installation using the testing Mars update site. Mars - http://download.eclipse.org/releases/mars	Verify that installation was successful	Pass	

5.4	Upgrade using Trace Compass Update Site	Download Eclipse standard from Luna SR2 and install LTTng, LTTng Kernel, LTTng UST, GDBTrace and PCAP Network Analysis from the Trace Compass release Update site. http://download.eclipse.org/tracecompass/releases/0.1.0/repository Try to update the installation using the Trace Compass update site http://download.eclipse.org/tracecompass/mars/milestones	Verify that installation was successful	Pass	Also needed Eclipse 4.5 repo and Remote repo because of o.e.rem
5.5	Upragde from previous EPP	Download Eclipse previous C/C++ EPP package. Try to upgrade using both update sites: (TODO find correct job: https://hudson.eclipse.org/packaging/job/luna.epp-tycho-build/128/artifact/org.eclipse.epp.packages/archive/repository/) "Mars - http://download.eclipse.org/releases/mars" The information about the update sites to use is usually posted on epp-dev	Verify that installation was successful	Pass	
6	**Verify Update Site**	**Release outside release train**			
6.1	Trace Compass update site	Download Eclipse standard and install LTTng Kernel, LTTng Control, LTTn UST, GDBTrace and PCAP Network Analysis from main Update site: http://download.eclipse.org/tracecompass/stable/repository/	Verify that installation was successful	N/A	
6.2	Upgrade using Trace Compass update site	Download Eclipse standard from Luna SR0 and install LTTng, LTTng Kernel, LTTng UST, GDBTrace and PCAP Network Analysis from the Luna SR0 Linux Tools Update site. http://download.eclipse.org/linuxtools/update-3.1 Try to update the installation using the Trace Compass update site. http://download.eclipse.org/tracecompass/stable/repository/	Verify that installation was successful	N/A	

	Section	Pass	Fail	To Do	Comment
	Junit Tests	18	0	0	0
Target	Ubuntu 12.04 64 bit and on Hudson				
Step	**Test Case**	**Action**	**Verification**		**Comment**
1	**Junit Test Cases**				
1.1	CTF Core Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.2	CTF Parser Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.3	State System Core Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.4	TMF Core Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.5	TMF UI Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.6	TMF UI SWTBot Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.7	CTF Support for TMF SWTBot Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.8	TMF Xml Analysis Core Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.9	TMF Xml Analysis UI Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.10	LTTng Control Core Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.11	LTTng Control UI Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.12	LTTng Kernel Analysis Core Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.13	LTTng Kernel Analysis UI Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.14	LTTng Kernel UI SWTBot Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.15	LTTng Userspace Tracer Analysis Core Test Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.16	LTTng Userspace Tracer Analysis UI Test Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.17	GDB Tracepoint Analysis Core Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.18	GDB Tracepoint Analysis UI Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	

	Section	Pass	Fail	Type	To Do	Comment
	TMF - EventsEditor	24	0		0	1
Target:						

Step	Test Case	Action	Verification			Comment
1	Preparation					
1.1	Preparation step 1	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views.	Manual	Pass	When opening a garbage file, it passes as BTF
2	Trace bookmarks	Moved to sheet "BookmarksView"				
3	Experiment bookmarks	Moved to sheet "BookmarksView"				
4	Filter					
4.4	Filter	In the filter bar, enter some regex	Only events matching regex are displayed. Top and bottom filter status rows update while filtering is ongoing. When filtering is done, status rows show number of matching events.	Manual	Pass	
4.4	Cancel filter	In the filter bar, enter some regex, then quickly press ESC before filtering is done	Only some events matching regex are displayed. Status rows show partial number of matching events, with different 'stop' icon.	Manual	Pass	
4.5	Un-filter	In the filter bar, clear the regex, or press DEL while table has focus	All events are displayed. Selected event remains selected and visible. Status rows are removed.	Manual	Pass	
4.6	Filter & Search	In the filter bar, enter some regex; likewise in the search bar	Events are filtered and highlighted accordingly	SWTBot	Pass	
4.7	Search & Filter	In the search bar, enter some regex; likewise in the filter bar	Events are filtered and highlighted accordingly	SWTBot	Pass	
5	Time Synchronization					
5.1	Mouse synchronization	Select any event in the table with the mouse button	Other views are synchronized to the selected event's time	Manual	Pass	
5.2	Key synchronization	Select any event in the table using Up, Down, PageUp, PageDown, Home, End	Other views are synchronized to the selected event's time	Manual	Pass	
5.3	Search synchronization	In the search bar, enter some regex, then search again with Enter/Shift-Enter	Other views are synchronized to the selected event's time	Manual	Pass	
5.4	External synchronization	In any other view that supports time synchronization, select a time.	The first event at or following the selected time is selected and visible.	Manual	Pass	
5.5	Range selection	Select an event with left button, press shift key and click select another event	Range of events are highlighted. Selection range is updated in other views that support range selection	Manual	Pass	
6	Event Synchronization					
6.1	Open trace	Open an LTTng CTF Kernel trace	Verify that an editor is opened showing LTTng Kernel specific columns. Views are updated with the new trace.	SWTBot	Pass	
6.2	Mouse synchronization	Select any event in the table with the mouse button	The Properties view is updated with the selected event's Property and Value. Timestamp and Content are expandable.	Manual	Pass	
6.3	Key synchronization	Select any event in the table using Up, Down, PageUp, PageDown, Home, End	The Properties view is updated with the selected event's Property and Value. Timestamp and Content are expandable.	Manual	Pass	
6.4	Search synchronization	In the search bar, enter some regex, then search again with Enter/Shift-Enter	The Properties view is updated with the selected event's Property and Value. Timestamp and Content are expandable.	Manual	Pass	
6.5	External synchronization	In any other view that supports time synchronization, select a time. The selected event in the editor is updated. Then give focus back to the editor.	The Properties view is updated with the selected event's Property and Value. Timestamp and Content are expandable.	Manual	Pass	
7	Source Code / Model Lookup					

7.1	Preparation	**1) Download traces.zip (if necessary) and unzip into a local directory ${local}** **2) Unzip traces/c_project_callsite.zip and traces/callsite.zip to your local disk.** **3) Import demo C project to the Eclipse workspace of zip file c_project_callsite.zip** **4) Import the test trace of zip file callsite.zip to a tracing project.** **Select trace type "Generic CTF Trace" and open the trace**				
7.2	Open call site	1) select event in table 2) click right mouse button 3) select "Open Source Code" menu item	Verify that correct source code file and line number is opened	Manual	Pass	
7.3	Open call site (no source code)	1) Close source code project 2) select event in table 3) click right mouse button 4) select "Open Source Code" menu item	Since the source code is not available the no source code file is opened. Instead a error dialog is opened (with title "FileNotFoundException")	Manual	Pass	
7.4	Open model URI	1) select event in table (e.g. 1st event) 2) click right mouse button 3) select "Open Model Element" menu item	Since the model is not available the model element is not shown. Instead a error dialog is opened (with title "FileNotFoundException")	Manual	Pass	
8	**Export to text**					
8.1	Export CTF trace	1) Open a CTF trace (e.g. LTTng Kernel) 2) Click right mouse button 3) Select "Export To Text" menu item 4) Enter a file name and location 5) Press OK	Make sure that a progress monitor dialog is opened during the export. After finishing make sure that the text file exists and it contains the events stored in the file. Verify that the columns are printed as shown in the events table and that they are separated by tab character.	Manual	Pass	
8.2	Export Other Trace	1) Open a trace other than CTF trace 2) Click right mouse button 3) Select "Export To Text" menu item 4) Enter a file name and location 5) Press OK	Make sure that a progress monitor dialog is opened during the export. After finishing make sure that the text file exists and it contains the events stored in the file. Verify that the columns are printed as shown in the events table and that they are separated by tab character.	Manual	Pass	
9	**Swap Columns and Change Fonts**					
9.1	Swap columns in events table	1) Open a trace 2) Drag a column	Covered by SWTBot tests	SWTBot	Pass	
8.2	Change fonts	1) Open the preferences 2) select new font for trace types 3) press apply 4) verify that the font changed	Covered by SWTBot tests	SWTBot	Pass	
8.3	Reset fonts	1) Open the preferences 2) Reset the font settings 3) Press apply 4) verify that the font changed	Covered by SWTBot tests	SWTBot	Pass	

	Section	Pass	Fail	Type	To Do	Comment
	TMF - Project View	**141**	**1**		**0**	**8**
Target:	**Ubuntu 14.10 64 bit**					

Step	Test Case	Action	Verification			Comment
1	**Preparation**					
1.1	Step 1	Open LTTng Kernel perspective	LTTng perspective opens with correct views	SWTBot	Pass	
1.2	Step 2	Open Navigator View (used for independent verification)	Navigator View opens	SWTBot	Pass	
2	**Project Creation**					
2.1	New Project Wizard	Open New Tracing Project Wizard	Tracing Project Wizard opens	SWTBot	Pass	
2.2	Create project	Specify a project name and finish	Tracing project appears in Project Explorer/Navigator	SWTBot	Pass	
2.3	Project structure	Open the new Tracing project	Project contains Experiments and Traces folders	SWTBot	Pass	
3	**Traces Folder**					
	Preparation	**1) Download traces.zip (if necessary) and unzip into a local directory ${local} 2) Import Custom Text and XML parsers (ExampleCustomXmlParser.xml, ExampleCustomTxtParser.xml) from directory traces/customParsers into your workspace from the Manage Custom Parsers dialog.**				
3.1	Traces Folder menu	Select the Traces folder and open its context menu	Correct menu opens (Import, Refresh)	SWTBot	Pass	
3.2	Trace Import Wizard	Select Import	Trace Import Wizard appears	SWTBot	Pass	
3.3	Import single custom text trace (link to workspace)	1) Browse to directory ${local}/traces/import/ 2) Select trace ExampleCustomTxt.log 3) Keep <Auto Detection>, Select "Import unrecognized traces", unselect "Overwrite existing without warning" and select "Create Links to workspace" and 4) press Finish	Imported trace appear in Traces Folder and the Trace Type Tmf Generic is set. Make sure trace can be opened	SWTBot	Pass	
3.4	Import Single custom XML trace (link to workspace)	redo 3.1-3.3 but this time select ExampleCustomXml.xml	Imported trace appear in Traces Folder and the Trace Type "Custom XML log" is set. Make sure that trace can be opened	Manual	Pass	
3.5	Import LTTng Kernel CTF trace (link to workspace)	redo 3.1-3.3 but this time select directory kernel-overlap-testing/	Imported trace appear in Traces Folder and the Trace Type "LTTng Kernel" is set. Make sure that trace can be opened	SWTBot	Pass	
3.6	Rename + copy import	redo 3.3, 3.4, 3.5. However, Unselect "Create Links to workspace" When dialog box appear select Rename	Traces are imported with new name that has a suffix (2) at the end. Make sure that imported traces are copied to the project.	Manual	Pass	
3.7	Overwrite + copy import	redo 3.3, 3.4, 3.5. However, Unselect "Create Links to workspace" When dialog box appear select Overwrite	Existing traces are deleted and new traces are imported. Make sure that imported traces are copied to the project and can be opened	Manual	Pass	
3.8	Skip	redo 3.3, 3.4, 3.5. However, Unselect "Create Links to workspace" When dialog box appear select Skip	Make sure that no new trace is imported	Manual	Pass	
3.9	Default overwrite	redo 3.3, 3.4, 3.5. However, Unselect "Create Links to workspace" and select "Overwrite existing without warning"	Make sure that no dialog box appears (for renaming, overwriting, skipping) and existing traces are overwritten). Make sure trace can be opened	SWTBot	Pass	
3.10	Import unrecognized	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory ${local}/traces/import 3) Select trace unrecognized.log 4) Keep <Auto Detection>, Select "Import unrecognized traces", unselect "Overwrite existing without warning" and select "Create Links to workspace" and 5) press Finish	unrecognized.log is imported with trace type unknown. The default text file icon is displayed. The trace, when opened, is displayed in the text editor.	Manual	Pass	Either the text editor will open or the system editor, depending on the file associations in your installation
3.11	Import unrecognized (ignore)	redo 3.10, however unselect "Import unrecognized traces"	unrecognized.log is not imported	Manual	Pass	
	Preparation	**Delete all traces in project - Right mouse click on Traces folder and select "Clear"**				
3.12	Import CTF trace by selection metadata file only	Redo 3.5, However only select metadata file instead of directory trace	Imported trace appear in Traces Folder and the Trace Type "LTTng Kernel" is set. Make sure that trace can be opened	Manual	Pass	
	Preparation	**Delete all traces in project**				

3.13	Recursive import with auto-detection (Rename All)	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory ${local}/traces/import 3) select directory import 4) Keep <Auto Detection>, Select "Import unrecognized traces", unselect "Overwrite existing without warning", select "Create Links to workspace" and unselect "Preserve Folder Structure" 5) press Finish 6) When dialog appears select "Rename All"	All Traces are imported with respective trace type set. Traces with name clashes are imported with suffix (2). 1 trace (unrecognized.log) is imported with trace type unknown. Make sure that traces can be opened which have a trace type set. The unknown trace type should open with the text editor.	Manual	Pass		
	Preparation	**Delete all traces in project**					
3.14	Recursive import with auto-detection (Overwrite All)	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory ${local}/traces/import/ 3) select directory import 4) Keep <Auto Detection>, Select "Import unrecognized traces", unselect "Overwrite existing without warning", select "Create Links to workspace" and unselect "Preserve Folder Structure" 5) press Finish 6) When dialog appears select Overwrite All"	All Traces are imported with respective trace type set. Traces with name clashes are overwritten . 1 trace (unrecognized.log) is imported with trace type unknown. Make sure that traces can be opened which have a trace type set. The unknown trace type should open with the text editor.	Manual	Pass		
	Preparation	**Delete all traces in project**					
3.15	Recursive import with auto-detection (Skip All)	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory ${local}/traces/import/ 3) select directory import 4) Keep <Auto Detection>, Select "Import unrecognized traces", unselect "Overwrite existing without warning" and select "Create Links to workspace" and 5) press Finish 6) When dialog appears select Skip All"	All Traces are imported with respective trace type set. Traces with name clashes are not imported. 1 trace (unrecognized.log) is imported with trace type unknown. The unknown trace type should open with the text editor.	Manual	Pass		
	Preparation	**Delete all traces in project**					
3.16	Recursive import with auto-detection (test rename, overwrite and skip)	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory ${local}/traces/import/ 3) select directory import 4) Keep <Auto Detection>, Select "Import unrecognized traces", unselect "Overwrite existing without warning", select "Create Links to workspace" and unselect "Preserve Folder Structure" 5) press Finish 6) When dialog appears select "Rename" 7) When dialog appears select "Overwrite" 8) When dialog appears select "Skip"	All Traces are imported with respective trace type set. Traces with name clashes are either renamed, overwritten or skipped as per dialog action. Make sure that traces can be opened which have trace type set. The unknown trace type should open with the text editor.	Manual	Pass		
	Preparation	**Delete all traces in project**					
3.17	Recursive import with specific trace type 1 (Skip All)	1) Open Import wizard 2) Browse to directory ${local}/traces/import/ 3) select directory import 4) Select trace type "Generic CTF Trace", Select "Import unrecognized traces", unselect "Overwrite existing without warning", select "Create Links to workspace" and unselect "Preserve Folder Structure"and 5) press Finish 6) When dialog appears select Skip All"	After selecting trace type, verify that button "Import unrecognized traces" is disabled. 4 CTF traces are imported with trace type "Generic CTF Trace" . Make sure that these traces can be opened	Manual	Pass		
	Preparation	**Delete all traces in project**					
3.18	Recursive import with specific trace type 2 (Skip All)	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory ${local}/traces/import/ 3) select directory import 4) Select trace type "LTTng Kernel Trace", Select "Import unrecognized traces", unselect "Overwrite existing without warning", select "Create Links to workspace" and unselect "Preserve Folder Structure" 5) press Finish 6) When dialog appears select Skip All"	After selecting trace type, verify that button "Import unrecognized traces" is disabled. One LTTng Kernel trace is imported with trace type "LTTng Kernel Trace". Make sure that this trace can be opened.	Manual	Pass		
	Preparation	**Delete all traces in project**					
3.19	Recursive import with specific trace type 3 (Skip All)	1) Open Import wizard 2) Browse to directory ${local}/traces/import/ 3) select directory import 4) Select trace type "LTTng UST Trace", Select "Import unrecognized traces", unselect "Overwrite existing without warning", select "Create Links to workspace" and unselect "Preserve Folder Structure" 5) press Finish 6) When dialog appears select Skip All"	After selecting trace type, verify that button "Import unrecognized traces" is disabled. 3 LTTng UST traces are imported with trace type "LTTng UST Trace". Make sure that these traces can be opened.	Manual	Pass		
	Preparation	**Delete all traces in project**					
3.20	Recursive import with specific trace type 4 (Skip All)	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory ${local}/traces/import/ 3) select directory import 4) Select trace type "Tmf Generic", Select "Import unrecognized traces", unselect "Overwrite existing without warning", select "Create Links to workspace" and unselect "Preserve Folder Structure" 5) press Finish 6) When dialog appears select Skip All"	All text files in directories are imported as trace and trace type "Tmf Generic" is set. Note that trace type validation only checks for file exists and that file is not a directory. Make sure that these traces can be opened. However traces with wrong trace type won't show any events in the table.	Manual	Pass		
	Preparation	**Delete all traces in project**					

3.21	Import CTF trace by selection metadata file only	Redo 3.5, However only select metadata file instead of directory trace	CTF trace is imported with correct trace type set. Trace can be opened.	Manual	Pass		
3.22	Import to default project	1) Delete project "Tracing" 2) Import a trace using import wizard (File > Import... > Tracing > Trace Import)	Make sure the project with name Tracing is created and trace is imported to that project.	Manual	Pass		
3.23	Import wizard with no project selected	Open import wizard while not having a project seleted	Verify that "Into Folder" points to project Tracing/Traces. Also make sure that project Tracing was created	Manual	Pass		
	Preparation	**Delete all traces in project**		Manual			
3.24	Drag and Drop from other Tracing	D&D a few LTTng traces from another Tracing project's Traces folder	Selected traces are added to the Traces folder with proper icon. Trace can be opened.	Manual	Pass		
3.25	Drag and Drop from non-Tracing	D&D a few files from a non-Tracing project	Selected traces are added to the Traces folder with default icon. Files can be opened wit the default editor.	Manual	Pass		
3.26	Drag and Drop from external	D&D a few files from an external file manager	Selected traces are added to the Traces folder with default icon. For actual traces Trace type is detected automatically. Trace can be opened, For non traces the files are added with default icon and they can be opened with the default editor.	Manual	Pass		
3.27	Drag and Drop of trace with existing name	1) D&D a trace with name of an existing trace into traces folder 2) Confirm the renaming of traces	Verify that trace is added into the traces folder with the trace name of the orignal trace plus a suffix 2	Manual	Pass		
3.28	Drag and Drop of trace with existing name (2nd time)	Redo test 7.8 with the same trace and same destination folder	Verify that trace is added into the traces folder with the trace name of the orignal trace plus a suffix 3	Manual	Pass		
3.29	Import destination	Open Import wizard	Verify that "Into Folder" text box cannot be updated	Manual	Pass		
	Preparation	**Delete all traces in project**					
3.30	Recursive import with preserved folder structure	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory ${local}/traces/import/ 3) select directory import 4) Select trace type "Tmf Generic", unselect "Overwrite existing without warning", select "Create Links to workspace" and select "Preserve Folder Structure" 5) press Finish	All Traces are imported with respective trace type set. The folder "clashes" is imported with its traces inside. Make sure that traces can be opened which have a trace type set.	Manual	Pass		
3.31	Recursive import with preserved folder structure (Skip All)	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory ${local}/traces/import/ 3) select directory import 4) Select trace type "Tmf Generic", unselect "Overwrite existing without warning", select "Create Links to workspace" and select "Preserve Folder Structure" 5) press Finish 6) When dialog appears select "Skip All"	The wizard should finish quickly as no trace will be imported. Make sure that traces can be opened which have a trace type set.	Manual	Pass		
3.32	Recursive import with preserved folder structure (Rename All)	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory ${local}/traces/import/ 3) select directory import 4) Select trace type "Tmf Generic", unselect "Overwrite existing without warning", select "Create Links to workspace" and select "Preserve Folder Structure" 5) press Finish 6) When dialog appears select "Rename All"	All Traces are imported with respective trace type set with suffix (2). The folder "clashes" is imported with its traces inside. Make sure that traces can be opened which have a trace type set.	Manual	Pass		
	Preparation	**Delete all traces in project**					
3.33	Delete with mixed selection of traces and folders	1) Create a trace folder under the "Traces" folder 2) Import 2 traces under the folder 3) Open one of the traces. 4) Select the trace folder and both traces in the Project Explorer view 5) Right-click, Delete. Click OK.	A dialog should ask the user to confirm deletion of the selected elements. Clicking OK should remove all that was selected. The editor should be closed automatically.	Manual	Pass		
3.34	Delete multiple folders	1) Create 2 trace folders under the "Traces" folder 2) Import a trace in each folder 3) Select both trace folders 4) Right-click delete	A dialog should ask the user to confirm deletion of the folders. Clicking OK should remove all that was selected.	Manual	Pass		
3.35	Clear single Traces folder	1) Add a few folders and traces under the Traces folder 2) Right-click on the Traces folder, Clear. Click OK.	A dialog should ask the user to confirm the clear of the folder. Clicking OK should everything under all that was selected.	Manual	Pass		
3.36	Clear multiple Traces folder	1) Create 2 trace projects, both containing a few traces. 2) Select both Traces folder 3) Right-click on one of the trace folders, Clear. Click OK.	A dialog should ask the user to confirm the clear of the folders. Clicking OK should everything under all that was selected.	Manual	Pass		
	Preparation	**Delete all traces in project**					
3.37	Import from archive, preserve folder structure	1) Open Import wizard (see 3.1-3.2) 2) Select archive file: traces.zip 3) select directory the root directory 4) Select trace type "Automatic", unselect "Overwrite existing without warning" and select "Preserve Folder Structure" 5) press Finish	All the files get imported under their respective folders. The CTF traces can be opened (kernel-overlap-testing, simple_server...)	SWTBot	Pass		
	Preparation	**Delete all traces in project**					

3.38	Import from archive, no preserve folder structure	1) Open Import wizard (see 3.1-3.2) 2) Select archive file: traces.zip 3) select directory the root directory 4) Select trace type "Automatic", unselect "Overwrite existing without warning" and unselect "Preserve Folder Structure" 5) press Finish 6) Select Rename All when dialog comes up.	All the files get imported. The CTF traces can be opened (kernel-overlap-testing, simple_server...). The traces with name clashes are added with the trace name of the orignal trace plus a suffix 2 (ExampleCustom*, kernel-overlap-testing, simple_server...).	SWTBot	Pass		
	Preparation	**DO NOT delete all traces in project**					
3.39	Import from archive, rename all	1) Open Import wizard (see 3.1-3.2) 2) Select archive file: traces.zip 3) select directory the root directory 4) Select trace type "Automatic", unselect "Overwrite existing without warning" and unselect "Preserve Folder Structure" 5) press Finish 6) Select Rename All when dialog comes up.	All the files get imported. The CTF traces can be opened (kernel-overlap-testing, simple_server...). The traces with name clashed are added with the trace name of the orignal trace plus a suffix 2 or 3 or 4.	Manual	Pass		
4	**Trace**						
4.1	Trace menu	Select an LTTng trace and open its context menu	Correct menu opens (Open , Copy, Rename, …)	Manual	Pass		
4.2	Open trace	Select the Open menu	Trace is opened and views are populated	Manual	Pass		
4.3	Copy trace	Select the Copy menu and provide a new name. Open.	Trace is replicated under the new name	Manual	Pass		
4.4	Rename trace	Select the Rename menu and provide a new name. Reopen.	Trace is renamed. The trace editor is closed.	Manual	Pass		
4.5	Delete trace	Select the Delete menu and confirm deletion	Trace is deleted. The trace editor is closed.	Manual	Pass		
4.6	Open Trace (Accelerator)	Select trace and press Enter	Trace is opened	Manual	Pass		
4.7	Delete Trace (Accelerator)	Select trace and press Delete and confirm deletion	Trace is deleted. The trace editor is closed.	Manual	Pass		
4.8	Open Trace (double click)	Double-click a trace	Trace is opened	Manual	Pass		
4.9	Open Trace (already open)	Open two traces. Open the first trace again.	The first trace editor is simply brought to front.	Manual	Pass		
5	**Experiments Folder**						
5.1	Experiments menu	Select the Experiments folder and open it context menu	Correct menu opens (New, Import XML Analysis, Refresh)	Manual	Pass		
5.2	Create experiment	Select the New menu and provide experiment name	Experiment appears under folder, no traces yet	Manual	Pass		
6	**Experiment**						
6.1	Experiment menu	Select an experiment and open its context menu	Correct menu opens (Select, Open , Copy, Rename, …)	Manual	Pass		
6.2	Select Traces dialog	Select the Select Traces menu	Select Traces dialog is open and populated w/ traces	Manual	Pass		
6.3	Select traces	Select a few LTTng traces and finish	Selected traces are imported in the experiment	Manual	Pass		
6.4	Open experiment	Select the Open menu	Experiment is opened and views are populated	Manual	Pass		
6.5	Copy experiment	Select the Copy menu and provide a new name. Open.	Experiment is replicated under the new name	Manual	Fail	Failed in 3.0, 3.1, 3.2, TC 0.1 When copying a renamed experiment the orignal named experiment is rec	
6.6	Rename experiment	Select the Rename menu and provide a new name. Open.	Experiment is renamed	Manual	Pass		
6.7	Delete experiment	Select the Delete menu and confirm deletion	Experiment is deleted	Manual	Pass		
6.8	Open Experiment (Accelerator)	Select an Experiment and press Enter	Experiment is opened	Manual	Pass		
6.9	Delete Experiment (Accelerator)	Select an Experiment and press Delete and confirm deletion	Experiment is deleted	Manual	Pass		
6.10	Delete Experiment (open experiment)	Open an experiment, select expereiment and press Delete and confirm deletion	Experiment is closed and deleted	Manual	Pass		
6.11	Select Traces while Experiment is open	Open an experiment and select an additional trace (see 6.3)	Experiment is closed and selected traces is imported to the experiment	Manual	Pass		
7	**Experiment Traces**						
7.1	Trace menu	Select an LTTng trace and open its context menu	Correct menu opens w/ Copy disabled + Remove	Manual	Pass		
7.2	Open trace	Select the Open menu	Trace is opened and views are populated	Manual	Pass		
7.3	Remove trace	Open Experiment, select the Remove menu and confirm removal	Experiment is closed, trace is removed from experiment	Manual	Pass		
7.4	Drag and Drop from Traces	D&D a few LTTng traces from the Traces directory	Selected traces are added to the experiment with proper icon. Experiment can be opened.	Manual	Pass		
7.5	Drag and Drop from other Tracing	D&D a few LTTng traces from another Tracing project's Traces folder	Selected traces are added to the experiment + Traces with proper icon. Experiment can be opened.	Manual	pass		
7.6	Drag and Drop from non-Tracing	D&D a few traces from a non-Tracing project	Selected traces are added to the experiment + Traces with proper icon. Experiment can be opened.	Manual	Pass		
7.7	Drag and Drop from external	D&D a few traces from an external file manager	Selected traces are added to the experiment + Traces with proper icon. Experiment cannot be opened.	Manual	Pass		
7.8	Drag and Drop from external (non-traces)	D&D a few files (non-traces) from an external file manager	Selected traces are added to the experiment + Traces with proper icon. Experiment can be opened.		Pass		
7.9	Drag and Drop of trace with existing name	1) D&D a trace with name of an existing trace into experiment folder 2) Confirm the renaming of traces	Verify that trace is added into the traces folder and experiment folder with the trace name of the orignal trace plus a suffix 2	Manual	Pass		
7.10	Drag and Drop of trace with existing name (2nd time)	Redo test 7.8 with the same trace and same destination folder	Verify that trace is added into the traces folder and experiemnt folder with the trace name of the orignal trace plus a suffix 3	Manual	Pass		
7.11	Drag and Drop of trace while Experiment is open	Open an experiment and D&D a trace from the Traces directory (see 7.4)	Experiment is closed and selected traces is imported to the experiment	Manual	Pass		

8	**Propagation**						
8.1	Preparation	Copy experiment	Selected experiment is replicated	Manual	Pass		
8.2	Rename propagation	In Traces folder, rename a trace showing in both experiments	New name is propagated to both experiments	Manual	Pass		
8.3	Delete propagation	In Traces folder, delete a trace showing in both experiments	Selected trace is removed from both experiments	Manual	Pass		
8.4	Propagate trace type 1	Add a trace to 2 experiments. Change its type from Traces	All occurences of that trace are updated	Manual	Pass		
8.5	Propagate trace type 2	Add a trace to 2 experiments. Change its type from one of the experiments	All occurences of that trace are updated	Manual	Pass		
9	**Properties View Synchronization**						
9.1	Trace synchronization	Select a trace under a Traces folder in Project Explorer view. Repeat with trace under an Experiment.	The Properties view is updated with the selected trace's "Resource properties" Property and Value. The "Info > type" property shows the selected trace category and trace type name.	Manual	Pass		
9.2	Other trace nodes synchronization	Select a Traces folder, Experiments folder, or an experiment in Project Explorer view.	The Properties view is updated with the selected item's Property and Value. For Experiment verify the "type" property is set.	Manual	Pass		
9.3	Check trace properties	Open an LTTng kernel trace, click on the trace, check the new properties view.	The "Trace properties" should be populated	Manual	Pass		
9.4	Check trace properties - experiment	Open an experiment which containes LTTng kernel traces, click on the experiment, check the new properties view.	The "Trace properties" should be populated for every subtrace	Manual	N/A	New feature … not implemented yet	
10	**Trace Type Selection**						
10.1	Preparation	Import an file with unrecognized trace type (${local}/traces/import/unrecognized.log)	Imported trace appear in Traces with default icon. File is can be opened by default Editor (either Eclipse text or system editor depending on plug-ins installed)	Manual	Pass		
10.2	Trace properties	Select the trace and open the Properties View	Selected trace type is blank	Manual	Pass		
10.3	Trace filtering	Select an experiment and open Select Traces dialog	Untyped trace does not appear in list	Manual	Pass		
11	**Supplementary Files**						
11.1	Preparation	1) In Project Explorer remove filter for hidden resources (Coolbar menu > Customize View... > unselect '.* resources) 2) Create Experiment with 2 LTTng CTF traces in it	Verify that .tracing directory is shown under the project	Manual	Pass		
11.2	Create Supplementary File (State History File) from trace	Open a LTTng CTF trace and wait for indexing to finish	Verify that StateHistory.ht is created under .tracing/<trace name>/.	Manual	Pass		
11.3	Trace Context sensitive menu	a) Select trace under Folder Traces and click right mouse button b) Redo test: Select trace under Experiment Folder c) Redo test: Select Experiment	Verify that menu item 'Delete Supplementary Files...' is shown in the context-sensitve menu	Manual	Pass		
11.4	Delete Supplementary Files Action	1) Select trace and click right mouse button 2) Select 'Delete Supplementary Files...'	Verify that confirmation dialog box is opend and <trace name>/StateHistory.ht is listed	Manual	Pass		
11.5	Select and delete State History File	Select <trace name>/StateHistory.ht file and click on 'Ok'	Make sure that file .tracing/<trace name>/StateHistory.ht is deleted from the project explorer view	Manual	Pass		
11.6	Create Supplementary File (State History File) from experiment	Open Experiment with 2 LTTng CTF traces	Verify that two StateHistory.ht files are created under .tracing/<trace1 name>/ and ./tracing/<trace2 name>/ respectively. Also verify, that supplementatry folder for the experiment ./tracing/<exp name>_exp is created.	Manual	Pass		
11.7	Delete Supplementary Files Action	1) Select Experiment and click right mouse button 2) Select 'Delete Supplementary Files...'	Verify that confirmation dialog box is opend and shows 3 root entries: <exp name>, <trace1 name> and <trace2 name>, with their respective supplementary files below	Manual	Pass		
11.8	Select and delete State History File	Select one history file (<trace name>/StateHistory.ht) and click on 'Ok'	Make sure that the selected file .tracing/<trace name>/StateHistory.ht is deleted from the project explorer view	Manual	Pass		
11.9	Select and delete multiple State History files	1) Redo 11.2 and 11.6 2) Select both history files and click on 'Ok'	Make sure that both history files are deleted under .tracing/<trace1 name>/ and .tracing/<trace2 name>/ respectively	Manual	Pass		
11.10	Delete Trace	a) Redo 11.2 to create Supplementary File b) Delete trace	Verify that supplementary directory .tracing/<trace name>/ is deleted.	Manual	Pass		
11.11	Delete Experiment	a) redo 11.6 to create experiment and Supplementary File b) delete Experiment	Verify that supplementary File StateHistory.ht .tracing/<trace1 name>/ and ./tracing/<trace2 name>/ are NOT deleted. Also verify that the supplementary folder for the experiment ./tracing/exp_name_exp is deleted.	Manual	Pass		
11.12	Delete Experiment Trace	a) redo 11.6 to create experiment and Supplementary File b) remove traces under Experiment	Verify that supplementary File StateHistory.ht .tracing/<trace1 name>/ and ./tracing/<trace2 name>/ are NOT deleted	Manual	Pass		
11.13	Delete Supplementary Files Action while trace is open	Open trace and then redo 11.4	Verify that trace is closed and supplementary files are deleted	Manual	Pass		
12	**Link With Editor**						
12.1	Preparation	1) In Project Explorer make sure that "Link with Editor" button is selected 2) Open multiple traces and experiments		Manual			

12.2	Select trace/experiment in Editors area	Select several traces and experiments one after each other in Editors area	Verify that after each selection the corresponding trace or experiment element is selected in the Project Explorer	Manual	Pass		
12.3	Select opened traces/experiments in Project Explorer	Select several open traces and experiments one after each other in Project Explorer	Verify that after each selection the corresponding trace or experiment is brought to the top in the Editors area	Manual	Pass		
12.4	Preparation	1) In Project Explorer make sure that "Link with Editor" button is not selected 2) Open multiple traces and experiments (if not open)		Manual			
12.5	Select trace/experiment in Editors area	Select several traces and experiments one after each other in Editors area	Verify that selection in Project Explorer doesn't change	Manual	Pass		
12.6	Select opened traces/experiments in Project Explorer	Select several open traces and experiments one after each other in Project Explorer	Verify that Editor in focus is not changed	Manual	Pass		
13	**Trace Package Export Wizard**						
13.1	Preparation	1) Import 2 traces that generate supplementay files (trace2, kernel_vm) 2) Open both traces, wait for the indexing to finish 2) Add bookmarks in the two traces					
13.2	Open the trace package export wizard	Click on “File”, “Export...”, “Tracing”, “Trace Package Export” and click Next	A wizard should appear with a list of projects and traces to select. Next button should be disabled.	Manual	Pass		
13.3	Select Traces	On the left side, select the project in which the traces were imported. Then on the right side, selected both traces.	Next should be become enabled when the first trace is selected. If all traces are unselected, the Next button is disabled.	Manual	Pass		
13.4	Deselect/Select All	With traces selected, press the Deselect All button. Then press on the Select All button. Click Next.	Next should become disabled after Deselect All, enabled after Select All.	Manual	Pass		
13.5	Trace element selection	Unselect the trace2 element	All elements in the trace tree are unselected, the Approximate uncompressed size field changes to a lower number.	Manual	Pass		
13.6	Trace sub-element selection	Unselect the kernel_vm > Trace element	All elements in the trace tree are unselected, the Approximate uncompressed size field changes to 0. The Next button is disabled.	Manual	Pass		
13.7	Select/Deselect All	With nothing selected, click Select All. Then click Deselect All. Then click Select All again.	When Select All is clicked, all the tree elements are selected, the approximate size increases. When Deselect All is clicked, all the tree elements are deselected and the approximate size decreases.	Manual	Pass		
13.8	Archive file selection	1) Click on the Browse button. 2) Select a location on the filesystem 3) Enter the file name export.tar	A file chooser dialog comes up. Whe the destination file is entered, the “To archive file” is filed with export.tar.gz. The Finish button should be enabled.	Manual	Pass		
13.9	Change export options, change compression	Unselect the “Compress” checkbox.	The name of the archive file changes to export.tar	Manual	Pass		
13.10	Change export options, change format	Change to Zip format	The name of the archive file changes to export.zip	Manual	Pass		
13.11	Change export options, change format and compression	Change to Tar format then select the Compress checkbox.	The name of the archive file changes to export.tar.gz	Manual	Pass		
13.12	Finish the wizard	Click Finish	A progress bar should appear at the bottom the the dialog and it should disappear upon completion. The export.tar.gz file should be created on the file system.	Manual	Pass		
13.13	Overwrite	Open the wizard again and select the traces (step 13.2, 13.3). Click Finish.	The Archive file name should be remembered and already filled. A dialog should prompt the user to overwrite. Answering No should keep the wizard opened. Answering Yes should re-export the archive and close the wizard.	Manual	Pass		
13.14	Verify formats	Open the wizard again and select the traces (step 13.2, 13.3). This time, choose Zip format. Click Finish.	The export.zip file should be created on the file system	Manual	Pass		
13.15	Verify content	Open the tar.gz and the zip files in an archive manager.	In both archives, verify that it contains: 1) A trace folder for each trace containing all the trace files (excluding supplementary files) 2) A .tracing folder containing all the supplementary files 3) An export-manifest.xml file listing the trace files, supplementary files and bookmarks	Manual	Pass		
13.16	Partial selection	Open the wizard again and select the traces (step 13.2, 13.3). This time, unselect both Supplementary files subtrees. Click Finish.	Verify that the exported archive contains: In both archives, verify that it contains: 1) A Traces folder containing all the trace files (excluding supplementary files) 2) No .tracing folder 3) An export-manifest.xml file listing the trace files and bookmarks	Manual	Pass		
14	**Trace Package Import Wizard**						
14.1	Preparation	Create an empty tracing project. Make sure you have export.tar.gz available from the Trace Package Export Wizard (13) test case, which should include everything including trace files, supplementary files and export-manifest.xml.					
14.2	Open the trace package import wizard	Click on “File”, “Import...”, “Tracing”, “Trace Package Import” and click Next	The first page of the wizard should appear (Choose content to import)	Manual	Pass		
14.3	Project Selection	Click the Select button. Choose the previously created project.	The Into project field gets filled with the selected project name.	Manual	Pass		

14.4	Archive file selection	1) Click on the Browse button. 2) Browse for export.tar.gz on the file system	Finish should be become enabled when the first trace is selected. If all traces are unselected, the Next button is disabled.	Manual	Pass		
14.5	Deselect/Select All	With traces selected, press the Deselect All button. Then press on the Select All button.	Finish should become disabled after Deselect All, enabled after Select All.	Manual	Pass		
14.6	Trace element selection	Unselect the trace2 element	All elements in the trace tree are unselected.	Manual	Pass		
14.7	Trace sub-element selection	Unselect the kernel_vm > Trace element	All elements in the trace tree are unselected.	Manual	Pass		
14.8	Select/Deselect All	With nothing selected, click Select All. Then click Deselect All. Then click Select All again.	When Select All is clicked, all the tree elements are selected. When Deselect All is clicked, all the tree elements are deselected..	Manual	Pass		
14.9	Finish the wizard	Click Finish	A progress bar should appear at the bottom the the dialog and it should disappear upon completion. The two traces should appear under the project in Project Explorer	Manual	Pass		
14.10	Supplementary Files	Right-click on trace2 in Project Explorer	Delete Supplementary files appears in the content menu	Manual	Pass		
14.11	Bookmarks	Open the Bookmarks view	Bookmarks appear in the list for the imported traces	Manual	Pass		
14.12	Open from bookmark	Double click on one of the bookmarks	The corresponding trace opens at the bookmarked event. Bookmarks are displayed in the event table.	Manual	Pass		
14.13	Overwrite	Open the wizard again (step 13.2) and select the archive file (step 13.4). Click Finish.	A dialog should prompt the user to overwrite for each trace. Answering Yes to All should overwrite without prompting again.	Manual	Pass		
15	**Time Offsetting**						
15.1	Preparation	Open Project Explorer view and Properties view. Create an empty tracing project. Import two different traces to the project. Open the traces and note their start time. Close the traces.					
15.2	Apply time offset dialog - trace selection	Select both trace elements in the Project Explorer view. Right-click and select Apply Time Offset...	The Apply time offset dialog opens in Basic mode. The Trace name show both traces and the Offset in seconds is blank.	SWTBot	Pass		
15.3	Apply time offset dialog - folder selection	Select the Traces folder element in the Project Explorer view. Right-click and select Apply Time Offset...	The Apply time offset dialog opens in Basic mode. The Trace name show both traces and the Offset in seconds is blank.	SWTBot	Pass		
15.4	Apply time offset dialog - experiment selection	Create an experiment with both traces. Select the experiment element in the Project Explorer view. Right-click and select Apply Time Offset...	The Apply time offset dialog opens in Basic mode. The Trace name show both traces and the Offset in seconds is blank.	SWTBot	Pass		
15.5	Apply time offset dialog - Basic mode	Select a trace element in the Project Explorer view. Right-click and select Apply Time Offset... In the Offset in seconds column, enter a time with seconds and decimals. Click OK. Open the trace.	The timestamps in the trace are all offset by the entered value. The Properties view shows the 'time offset' with the entered value.	SWTBot	Pass		
15.6	Apply time offset dialog - cumulative offset	Select the same trace element in the Project Explorer view. Right-click and select Apply Time Offset... In the Offset in seconds column, enter a time with seconds and decimals. Click OK. Open the trace.	The timestamps in the trace are all offset by the cumulative sum of the previous and current entered value. The Properties view shows the 'time offset' with the cumulative value.	SWTBot	Pass		
15.7	Clear time offset	Select the trace element in the Project Explorer view. Right-click and select Clear time offset. Click OK to confirm. Open the trace.	The timestamps in the trace are back to their original values. The Properties view shows the 'time offset' as blank.	SWTBot	Pass		
15.8	Apply time offset dialog - Advanced mode	Open one trace and close the other trace. Select both trace elements in the Project Explorer view. Right-click and select Apply Time Offset... Choose the Advanced radio button.	The Apply time offset dialog opens and is switched to Advanced mode. The Trace name show both traces and the Offset in seconds is blank. The Reference time for the opened trace is set to its start time.	Manual	Pass		
15.9	Apply time offset dialog - Advanced mode - compute from selection	Double-click the second trace to open it. Select an event in its trace editor. Select the first trace editor. Select an event in its trace editor. Click the button in the dialog row of the second trace. Click OK. Open both traces.	Both traces are open. Selecting an event updates the Reference time for the selected trace, and updates the Target time for all traces. Pressing the button computes the Offset in seconds as the difference between Target time and Reference time for that row. The trace which has a computed offset is closed when the OK button is pressed. After reopening, the two previously selected events now have the same timestamp. The Properties view shows the 'time offset' with the computed value.	Manual	Pass		
15.10	Apply time offset dialog - Advanced mode - compute from entered values	Select the first trace element in the Project Explorer view. Right-click and select Apply Time Offset... Choose the Advanced radio button. Double-click the trace name to open it. Select the Reference time cell and copy the start time. Select the Target time and paste the value. Edit both values to different times. Click the button in the trace row. Click OK. Open the trace.	The trace is opened. The Reference time is set to the trace start time. The Reference time and Target time can be copied, pasted, and edited. Pressing the button computes the Offset based on the current time values. The trace is closed with the OK button is pressed. After reopening, the timestamps in the trace are offset according to the computed value. The Properties view shows the 'time offset' with the computed value.	Manual	Pass	Column width of calculated offset is very small in GTK3	
15.11	Clear time offset with opened traces	Open both traces. Select both trace elements in the Project Explorer view. Right-click and select Clear time offset. Click OK to confirm. Open the traces.	The opened traces are closed when the OK button is pressed. After reopening, the timestamps in the traces are back to their original values. The Properties view shows the 'time offset' as blank.	Manual	Pass		

	Section	Pass	Fail	Type	To Do	Comment
	TMF - BookmarksView	**17**	**0**		**0**	**1**
Target:	Ubuntu 14.10 64 bit					
Step	**Test Case**	**Action**	**Verification**			**Comment**
1	**Preparation**					
1.1	Preparation step 1	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views.	Manual	Pass	
2	**Trace bookmarks**					
2.1	Show Bookmarks View	Select Bookmarks view (bottom folder)	Bookmaks view is shown	Manual	Pass	
2.2	Open trace	Open an LTTng CTF Kernel trace	Views are populated. Verify that a Kernel events editor is opened showing LTTng Kernel specific columns	Manual	Pass	
2.3	Add Trace Bookmark	Add a bookmark, by a) double-clicking on the left margin next to an event b) right-clicking the margin and select Add bookmark.... c) using the Edit > Add bookmark... menu. Enter the bookmark description in dialog box	Make sure that bookmark icon is shown on left site of the event row and is added to the Bookmarks view with relevant information (i.e. Description entered and correct trace resource)	Manual	Pass	No Edit menu in Trace Compass RCP
2.4	Open Trace Bookmark (1)	Scroll within event table so that bookmark is not visible anymore and then double-click on bookmark in Bookmarks View	Make sure that event with bookmark is selected and visible in event table	Manual	Pass	
2.5	Open Trace Bookmark (2)	Open another trace #2 and then double-click on bookmark in Bookmarks view	Make sure that correct trace #1 is brought to top and correct event with bookmark is selected in events table	Manual	Pass	
2.6	Open Trace Bookmark (3)	Close the trace #1 and then double-click on bookmark in Bookmarks view	Make sure that correct trace #1 is opened and correct event with bookmark is selected in events table	Manual	Pass	
2.7	Delete Bookmark (from table)	Select bookmarks icon in event table right-click on icon and select "Remove Bookmark"	Make sure that bookmark icon is removed from event table and corresponding bookmark is removed from the Bookmarks view	Manual	Pass	
2.8	Delete Bookmark (from table)	Double-clicking bookmarks icon in event table.	Make sure that bookmark icon is removed from event table and corresponding bookmark is removed from the Bookmarks view	Manual	Pass	
2.9	Delete Bookmark (from Bookmarks view)	Add a bookmark (see 2.4), then select bookmark in Bookmarks view, right mouse click and select "Delete". Confirm the deletion.	Make sure that bookmark icon is removed from event table and corresponding Bookmark is removed from the Bookmarks view	Manual	Pass	
3	**Experiment bookmarks**					
3.1	Create and open experiment	Create Experiment with 2 LTTng CTF Kernel traces in it and open experiment	Verify that an Events editor is opened showing LTTng Kernel specific columns	Manual	Pass	
3.2	Add Experiment Bookmark	Add a bookmark, by a) double-clicking on the left margin next to an event b) right-clicking the margin and select Add bookmark.... c) using the Edit > Add bookmark... menu. Enter the bookmark description in dialog box	Make sure that bookmark icon is shown on left site of the event row and is added to the Bookmarks view with relevant information (i.e. Description entered and correct experiment resource)	Manual	Pass	
3.3	Open Experiment Bookmark (1)	Scroll within event table so that bookmark is not visible anymore and then double-click on bookmark in Bookmarks View	Make sure that event with bookmark is selected and visible in event table	Manual	Pass	
3.4	Open Experiment Bookmark (2)	Open another trace #2 and then double-click on bookmark in Bookmarks view	Make sure that correct experiment #1 is brought to top and correct event with bookmark is selected in events table	Manual	Pass	
3.5	Open Experiment Bookmark (3)	Close the experiment #1 and then double-click on bookmark in Bookmarks view	Make sure that correct experiment #1 is opened and correct event with bookmark is selected in events table	Manual	Pass	
3.6	Delete Bookmark (from table)	Select bookmarks icon in Events view, right-click on icon and select "Remove Bookmark"	Make sure that bookmark icon is removed from event table and corresponding bookmark is removed from the Bookmarks view	Manual	Pass	
3.7	Delete Bookmark (from Bookmarks view)	Add a bookmark (see 6.4), then select bookmark in Bookmarks view, right mouse click and select "Delete". Confirm the deletion.	Make sure that bookmark icon is removed from event table and corresponding Bookmark is removed from the Bookmarks view	Manual	Pass	

	Section	Pass	Fail		To Do	Comment
	TMF - Filters View	**12**	**0**		**0**	**1**
Target:	Ubuntu 14.10 64 bit					
Step	**Test Case**	**Action**	**Verification**			**Comment**
1	Open a trace to be filtered	Trace is opened	SWTBot	SWTBot	Pass	
2	Open filter view	Filter view is opened	SWTBot	SWTBot	Pass	
3	Create a filter on event type and timestamp	The filterview contains a filter on the event type and the timestamp	SWTBot	SWTBot	Pass	
3.1	Apply that filter	A subset of the events pass	SWTBot	SWTBot	Pass	
4	Create a filter on the timestamp oring field values	Create the filter	SWTBot	SWTBot	Pass	
4.1	Apply that filter	A subset of the events pass	SWTBot	SWTBot	Pass	
5	Create a filter with equals node	Create the filter	SWTBot	SWTBot	Pass	
5.1	Apply that filter	A subset of the events pass	SWTBot	SWTBot	Pass	
6	Create a filter with matches node	Create the filter	SWTBot	SWTBot	Pass	
6.1	Apply that filter	A subset of the events pass	SWTBot	SWTBot	Pass	
7	Create a filter with contains node	Create the filter	SWTBot	SWTBot	Pass	
7.1	Apply that filter	A subset of the events pass	SWTBot	SWTBot	Pass	

	Section	Pass	Fail		To Do	Comment
	TMF - Colors View	**6**	**0**		**0**	**0**
Target:	Ubuntu 14.10 64 bit					
Step	**Test Case**	**Action**	**Verification**			**Comment**
1	Open a test trace	a trace is visible in the events editor	SWTBot	SWTBot	Pass	
2	Open the colors view	the view is visible	SWTBot	SWTBot	Pass	
3	Select a color and a filter	Select a color and a filter, the matching events should update their colors (background and foreground) to the new ones	SWTBot	SWTBot	Pass	
4	Add multiple colors	Click on add 4 times, four colors should be displayed	SWTBot	SWTBot	Pass	
5	Change the color priorities	By clicking on up and down, the order of the displayed colors should change	SWTBot	SWTBot	Pass	
6	Delete all the colors	The color filters should disappear.	SWTBot	SWTBot	Pass	

	Section	Pass	Fail		To Do	Comment
	TMF - Histogram View	50	0		0	5
Target:	Ubuntu 14.10 64 bit					

Step	Test Case	Action	Verification			Comment
1	**Preparation**					
1.1	Step 1	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views	SWTBot	Pass	
1.2	Step 2	Open an LTTng trace	Views are populated	SWTBot	Pass	
2	**Manage View**					
2.1	Close view	Close the Histogram View	Histogram View is removed from perspective	Manual	Pass	
2.2	Open view	Window > Show View > Other > Tracing > Histogram	Histogram View is displayed and re-populated	Manual	Pass	
2.3	Resize	Resize the Histogram View width-wise	Histograms are compressed/decompressed without loss	Manual	Pass	
3	**Full Trace Histogram**					
3.1	Single selection	Select timestamp with left-click	Selection Start/End + blue bars are updated	Manual	Pass	
3.2	Range selection	Select time range with shift-left-click, shift-left-drag or left-drag	Selection Start/End + blue bars are updated	Manual	Pass	
3.3	Drag zoom window	Drag the zoom window left/right with ctrl-left-drag or middle-drag	Zoom window is dragged, won't go beyond full range	Manual	Pass	
3.4	Move zoom window	Move the zoom window with ctrl-left-click or middle-click	Zoom window is centered on click, won't go beyond full range	Manual	Pass	
3.5	Set zoom window	Set a new zoom window with right-drag	Zoom window is set, Window Span is updated, won't go beyond histogram range	Manual	Pass	
3.6	Zoom in/out	Zoom in/out with mouse wheel up/down	Zoom window is updated, Window Span is updated, won't go below 2 ns, won't exceed full trace range	Manual	Pass	
3.7	Arrow keys	Move the current event using left/right arrow keys	Selection (blue bar) moves to the previous/next non-empty bucket	Manual	Pass	arrow right doesn't work (Bug 468074) - fixed for Mars
3.8	Home/End keys	Press Home/End key	Selection Start/End moves to beginning/end of trace (i.e. start time of last bucket is selected)	Manual	Pass	
3.9	Lost events	With a trace containing lost events, click the "Hide lost events" toolbar icon. Click it again.	The lost events (red bars) are toggled on and off.	Manual	Pass	
3.10	Zoom in/out (key)	Zoom in/out with +/- key	Zoom window is updated, Window Span is updated, won't go below 2 ns, won't exceed full trace range	Manual	Pass	
4	**Time Range Histogram**					
4.1	Single selection	Select timestamp with left-click	Selection Start/End + blue bars are updated	Manual	Pass	
4.2	Range selection	Select time range with shift-left-click, shift-left-drag or left-drag	Selection Start/End + blue bars are updated	Manual	Pass	
4.3	Drag zoom window	Drag the zoom window left/right with ctrl-left-drag or middle-drag	Zoom window is dragged, won't go beyond full range	Manual	Pass	
4.4	Zoom in/out	Zoom in/out with mouse wheel up/down	Zoom window is updated, Window Span is updated, won't go below 2 ns, won't exceed full trace range	Manual	Pass	
4.5	Arrow keys	Move the current event using left/right arrow keys	Selection (blue bar) moves to the previous/next non-empty bucket	Manual	Pass	arrow right doesn't work (Bug 468074) -> fixed - Fixed for Mars
4.6	Home/End keys	Press Home/End key	Selection Start/End moves to beginning/end of time range (i.e. start time of last bucket is selected)	Manual	Pass	
4.7	Lost events	With a trace containing lost events, click the "Hide lost events" toolbar icon. Click it again.	The lost events (red bars) are toggled on and off.	Manual	Pass	
3.10	Zoom in/out (key)	Zoom in/out with +/- key	Zoom window is updated, Window Span is updated, won't go below 2 ns, won't exceed full trace range	Manual	Pass	
5	**Selection Start/End**					
5.1	Set selection start	Enter a TS within the full range in Selection Start widget	Selection Start + blue bars are updated	Manual	Pass	
5.2	Set selection end	Enter a TS within the full range in Selection End widget	Selection End + blue bars are updated	Manual	Pass	
5.3	Set selection (linked)	Select the link icon. Enter a TS within the full range in Selection Start widget	Selection Start/End + blue bars are updated	Manual	Pass	
5.4	Set invalid selection start	Enter a TS before the full range start in Selection Start widget	Selection Start + blue bar set to first event	Manual	Pass	
5.5	Set invalid selection end	Enter a TS after the full range end in Selection End widget	Selection End + blue bar set to last event	Manual	Pass	

6	**Window Span**					
6.1	Set window span	Enter a span in Window Span widget	Both Histograms are updated accordingly	Manual	Pass	
6.2	Set large window span	Enter an invalid span (too large) in Window Span widget	Span set to full range	Manual	Pass	
6.3	Set invalid window span	Enter an invalid span (too small, negative, not a number) in Window Span widget	Span set to previous value	Manual	Pass	
7	**Selected Timestamp Synchronization**					
7.1	Time Range mouse synchronization	Click on the time range histogram. The time of the bucket at the mouse position is selected.	Other views are synchronized to the selected time	Manual	Pass	
7.2	Full Trace mouse synchronization	Click on the full trace histogram. The time of the bucket at the mouse position is selected.	Other views are synchronized to the selected time	Manual	Pass	
7.3	Selection synchronization (linked)	Select the link icon. Enter a time within the full range in Selection Start widget	Other views are synchronized to the selected time	Manual	Pass	
7.4	External synchronization	In any other view that supports time synchronization, select a time.	Selection Start/End + blue bars in both histograms are updated to the selected time	Manual	Pass	
8	**Selected Time Range Synchronization**					
8.1	Time Range mouse synchronization	Select a time range in the small histogram (shift-left click, left-drag or shift-left drag).	Verify that the selected time range shows in both histograms, and in other views.	Manual	Pass	
8.2	Full Trace mouse synchronization	Select a time range in the full histogram (shift-left click, left-drag, shift-left drag).	Verify that the selected time range shows in both histograms, and in other views.	Manual	Pass	
8.3	Selection Start/End synchronization	Enter a time within the full range in Selection Start/End widget	Other views are synchronized to the selected time range	Manual	Pass	
8.4	External synchronization	In any other view that supports time range synchronization, select a time range.	Selection Start/End + blue bars in both histograms are updated to the selected time range	Manual	Pass	
9	**Zoom Window synchronization**					
9.1	Time Range mouse synchronization	Select a zoom window in the small histogram (ctrl-left drag, middle-drag, right-drag, mouse wheel up/down).	Other views are synchronized to the new range	Manual	Pass	
9.2	Full Trace mouse synchronization	Select a zoom window in the full histogram (ctrl-left drag, middle-click, middle-drag, right-drag, mouse wheel up/down).	Other views are synchronized to the new range	Manual	Pass	
9.3	Window Span synchronization	Enter a new span in Window Span widget	Other views are synchronized to the new range	Manual	Pass	
9.4	External synchronization	In any other view that supports range synchronization, select a new zoom window.	Window Span and both histograms are updated to the new range	Manual	Pass	
10	**Multiple Trace Synchronization**					
	Preparation	**1) Download traces.zip (if necessary) and unzip into a local directory ${local} 2) Import kernel trace ${local}/traces/import/kernel-overlap-testing 3) Import UST ${local}/traces/import/trace ust-overlap-testing 4) Create experiment with trace of 2) in it**				
10.1	Open multiple traces (no overlap)	Open multiple traces that don't overlap in time	View shows the last opened trace	Manual	Pass	
10.2	Change selected time and range (no overlap)	Select a time and new range	Selection Start/End, Window Span and both histograms are updated to selected time and new range.	Manual	Pass	
10.3	Open multiple traces (overlap)	Open multiple traces that overlap in time	View shows the last opened trace	Manual	Pass	
10.4	Change selected time and range (overlap)	Select a time and new range	Selection Start/End, Window Span and both histograms are updated to selected time and new range.	Manual	Pass	
10.5	Select other trace (overlap)	Select different trace by clicking its editor tab	View is updated to show selected trace. Selection Start/End, Window Span and both histograms are set to the newly selected time and range.	Manual	Pass	

10.6	Trace coloring	With an experiment containing multiple traces opened, click the "Activate trace coloring" toolbar icon. Click it again.	The colors in both Histograms and toggled on and off. When it is toggled off, the legend disappears at the bottom and only one color is used for non-lost events.	Manual	Pass	
10.7	Close all traces	Close all trace editor tabs	View is cleared.	Manual	Pass	

	Section	Pass	Fail	To Do	Comment
	TMF - Sequence Diagram	**36**	**1**	**0**	**5**
Target:	Ubuntu 12.04 64 bit				

Step	Test Case	Action	Verification		Comment
1	**Preparation**				
		1) Download traces.zip (if necessary) and unzip into a local directory ${local} 2)Use traces simple-server-thread1 and simple-server-thread2 under traces/import/ for test cases below			
1.1	Open perspective	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views: Project Explorer, Control, Control Flow, Resources, Statistics, Histogram, Properties, Bookmarks	Pass	
1.2	Open TMF Sequence Diagram View	Use menu Window → Show View → Other … → Tracing → Sequence Diagram	Verify that 'Sequence Diagram' view is shown	Pass	
1.3	Create and open experiment with sequence diagram data	1) Create Tracing Project 2) Create Experiment (SeqExp) 3) Import 2 traces simple-server-thread1 and simple-server-thread2 4) Select trace type "Generic CTF Trace" 5) Add these 2 traces to experiment 6) Open (double-click on) the experiment	Verify that sequence diagram was loaded. The interaction show the signal numbers (Note that trace doesn't contain strings for the interactions. A special parser would be necessary to map signal number to trace)	Pass	
2	**Manage View**				
2.1	Close view	Close Sequence Diagram view	Sequence Diagram View is removed from perspective	Pass	
2.2	Open view when experiment/traces is already loaded	1) Close 'Sequence Diagram' View 2) load sequence diagram experiment 3) Open Sequence Diagram view	Verify that sequence diagram was loaded. Verify that all 17 pages are loaded.	Pass	
3	**Tooltip**				
3.1	Hover over interaction	1) Goto to first page (no selection of any interaction or lifeline) 2) Hover over first interaction (arrow or number)	Verify that tooltip appears with content with interaction name and time stamp (10000 14:58:00.740995147)	Pass	Tooltip backgound is very dark and text is hard to read on Ubuntu 13.10, 14.10 with default theme https://bugs.eclipse.org/bugs/show_bug.cgi?id=455523
3.2	Hover over interaction after selection	1) Goto to first page 2) select first interaction 3) Hover over 3rd interaction	Verify that tooltip appears with content with interaction names and time stamp delta between selected interaction and interaction that was hovered over (10001 → 10000 delta: 000.000 157 023)	Pass	
3.3	Hover over time compression bar	Hover over first element in time compression bar on the left of the view	Verify that tooltip appears with delta and graph to show where delta is in relation to current configured min max values. (delta: 000.000 3 480)	Pass	
4	**View Synchronization**				
4.1	Selection of interaction	Select an interaction in the 'Sequence Diagram'	Verify that interaction is highlighted in 'Sequence Diagram' view. Verify that in the events table the corresponding event is selected. Verify that time stamps matches	Pass	
4.2	Selection of event in events table	Select an sequence diagram event in the events table (type SEND or RECEIVE)	Verify that corresponding interaction is selected in the 'Sequence Diagram' view	Pass	
4.3	Selection of new time range	Change time range in 'Histogram View'.	Verify that the focus to the corresponding events of the 'Sequence diagram' changes is changed.	Pass	It's a bit unclear to me what this is supposed to do. I think it means when the start of the range changes, it should update the events shown in the sequence diagram
5	**View Actions**				

5.1	Test page navigation	Use buttons and menu items 'Go to next page', 'Go to previous page', 'Go to last page' and 'Go to first page' to navigate through trace. Use also menu item 'Pages...' to jump to specific page	Verify that different time ranges are selected when changing page by looking at Histogram View. Histogram View window will show the start of the page. Note that there are 10000 interactions per page. In this traces there are in total 160032 interactions. Verify that last page has 32 interactions between 2 lifelines.	Pass	
5.2	Test menu item 'Pages...'	1) Select menu item 'Pages...' 2) In text box type "9" 3) Click on 'OK'	Verify that a dialog box will show. Verify that for this trace it shows 'Total: 17 pages is shown" and the current page is displayed in the text box. After step 3) verify that page where changed to page 9. For this trace page 9 is the page with 3 lifelines.	Pass	
5.3	Find of interaction	Goto to page 1 → 1) Use button and menu item "Find" 2) select Interactions and deselect lifeline 3) type regular expression 10.*00 4) press find 5) press find 6) press find 7) press find 8) press find	After 4) verify that interaction 10000 (player1 → master) is selected. After 5) verify that interaction 10100 (master → player1) is selected. After 6) verify that 10000 (player2 → master) is selected. After 7) verify that interaction 10100 (master → player2). After 8 nothing else will be found	Pass	
5.4	Find of lifeline	Goto to page 1 → 1) Use button and menu item "Find" 2) select lifeline and deselect interaction 3) type player2 4) press find 5) press find	After 4) verify that lifeline with name player2 is selected (page 9 with 3 lifelines). After 5) player2 is selected on page 10	Pass	
5.5	Find criteria persistence	1) Restart eclipse 2) open find dialog	Verify that previous used find criteria are still in the list	Pass	
5.6	Find short-cut	1) Select 'Sequence Diagram' view 2) pres CTRL+F	Verify that find dialog opens	Pass	
5.7	Filter of interactions	Goto to page 1 → 1) Use menu item 'Hide Patterns...' 2) Press Add 3.1) select Interactions and deselect Lifeline 3.2) type regular expression 10.*03 4) Press 'Create' 5) Press 'Ok'	After 5) verify that Interactions with name 10003 and 10103 are not shown	Pass	
5.8	Filter of lifelines	Goto to page 9 → 1) Use menu item 'Hide Patterns...' 2) Press Add 3.1) select Lifelines and deselect Interactions 3.2) type regular player2 4) Press 'Create' 5) Press 'Ok'	After 5) verify that player2 is not shown	Pass	
5.9	Deselect filter	1) Apply one filter 2) Use menu item 'Hide Patterns...' 3) deselect filter 4) click 'Ok'	Verify that all lifelines and interactions are shown	Pass	
5.10	Filter criteria persistence	1) Restart eclipse 2) open hide dialog	Verify that previous used hide criteria are still in the list	Pass	
5.11	Zoom-in	1) Use button and menu item for zoom-in to activate zooming in 2) click into sequence diagram view	Verify that 'Sequence Diagram' view zooms in. Note that no selection is possible.	Pass	
5.12	Selection after zooming	1) Click on button and menu item 'Select' to go back to selection mode 2) select an interaction	Verify that selection is possible.	Pass	
5.13	Zoom-out	1) Use button and menu item for zoom-out to activate zooming out 2) click into sequence diagram view	Verify that 'Sequence Diagram' view zoom out. Note that no selection is possible.	Pass	

5.14	Reset zoom	1) Use button and menu item for 'Reset zoom factor' to reset the zoom level	Verify that 'Sequence Diagram' view goes back to default zoom	Pass	
5.15	Configure min/max	1) Select menu item 'Configure Min Max' 2) Change min to 100 and max to 2000 (keep scale and precision) 3) press 'Ok'	After 1) verify that a dialog box shows with default values. After 3) verify that time compression bar changes some colors. It will show more deeper red because the max value is lower.	Pass	
5.16	Configure min/max (default)	After changing min and max 1) select menu 'Configure Min Max' 2) press 'Default' 3) press 'Ok'	After step 2) the default values are shown. After step 3) the time compression bar will change colors. Note that the default values are computed based on all deltas of 2 consecutive interactions.	Pass	
5.17	Show node end	Goto to page 1 → 1) Resize view so that the arrow of the interaction is not shown 2) select on interaction 3) Use menu item Navigation → Show node end	Verify that end lifeline of the interaction (the arrow) is shown	Pass	
5.18	Show node start	Goto to page 1 → 1) Resize view so that the beginning of the interactions are not shown 2) select on interaction 3) Use menu item Navigation → Show node start	Verify that start lifeline of the interaction is shown	Pass	
5.19	Show node end short-cut	Goto to page 1 → 1) Resize view so that the arrow of the interaction is not shown 2) select on interaction 3) Press SHIFT+ALT+END	Verify that end lifeline of the interaction (the arrow) is shown	Pass	
5.20	Show node start short-cut	Goto to page 1 → 1) Resize view so that the arrow of the interaction is not shown 2) select on interaction 3) Press SHIFT+ALT+HOME	Verify that start lifeline of the interaction is shown	Pass	
5.21	Scroll down short cut	Press SHIFT+ALT+ARROW_DOWN	Verify that within a page the display scrolls down per view size	Pass	
5.22	Scroll up short cut	Press SHIFT+ALT+ARROW_UP	Verify that within a page the display scrolls up per view size	Pass	**Key combination on Ubuntu 12.04 is used for something else. This can be disabled using the combiz-settings-manager (http://askubuntu.com/questions/171489/how-to-unbind-shift-alt-up-shortkey-in-12-04) After disabling this combination this test case passes** **On Ubuntu 14.04, 14.10, this is not an issue, by default the keys are not mapped.**
5.23	Overview feature	Goto page 9 → Keep pressing + icon at the lowest right corner of the view and drag down, up, left or right	Verify that it's possible to navigate through a page of the sequence diagram view	Pass	On Ubuntu, the movement is hectic and the overview box is very narrow. On Mac OS X 10.8, the button is not visible but there is a visible empty space that is clickable in its place. Clicking on it brings up the overview box which has a reasonable size but movement is still hectic. Bug 436442
5.24	Print	Select 'Sequence Diagram' view and press printer icon in the Eclipse's tool bar (or use CTRL+P). Select one pager page to print	Verify that it is possible to print	Fail	Getting printer data on my Ubuntu 14.04 hangs (Printer.getDefaultPrinterData() in SDPrintDialogUI)
5.25	Remove filter (Bug 391714)	1) Create 1filter if necessary (see 5.8) 2) Open Error Log view if necessary 3) Open filter dialog box and remove all filters 4) Press 'Ok' 5) Open filter dialog box again	Verify that no exceptions occurred and after 5) no filter are listed	Pass	

5.27	Time Sync. without interactions (Bug 391716)	1) Open trace without any sequence diagram information 2) Open SD view if necessary 3) Open Error Log view if necessary 4) change time range in Histogram view 5) Change time current selected time in Histogram View	Make sure that no exceptions occurred	Pass	

	Section	Pass	Fail	To Do	Comment
	TMF - Statistics View	**17**	**0**	**0**	**7**
Target:	Windows 7 64 bit				

Step	Test Case	Action	Verification		Comment
1	**Preparation**				
	Preparation	**Download traces simple-server-thread1 and simple-server-thread1 from traces/import/**			
1.1	Open Perspective	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views	Pass	
1.2	Open TMF Statistics View	Use menu Window → Show View → Other … → Tracing → Statistics	Verify that 'Statistics' view is shown	Pass	Path is actually Window -> Show view -> Tracing -> Statistics
1.3	Open experiment	1) Create Tracing Project 2) Create Experiment (SeqExp) 3) Import 2 traces simple-server-thread1 and simple-server-thread2 4) Select trace type "Generic CTF Trace" 5) Add these 2 traces to experiment	Verify that statistics are shown per trace and per event type. Each trace has 80021 events. Verify that event types ENTER/RETURN/SEND/RECEIVE/INFO/after_fork_child are counted.	Pass	
2	**Manage View**				
2.1	Delete view	Close the 'Statistics' View	Statistics' view is removed from perspective	Pass	
2.2	Open view	Use menu Window → Show View → Other … → Tracing → Statistics	Statistics' view View is displayed and re-populated	Pass	See comment on step 1.2 about the path
2.3	Open view when experiment/trace is already loaded	1) Close 'Statistics View' 2) load trace above trace 3) Open 'Statistics' view	Verify that statistics are shown per trace and per event type. Each trace has 80021 events. Verify that event types ENTER/RETURN/SEND/RECEIVE/INFO/after_fork_child are counted	Pass	Randomly, the number of events in a trace stays at zero when the statistics view is opened. However, I can't reproduce the problem at will. Bug 436416 France : I have tried many times to open the view when the trace is already loaded and was not able to redo the problem
3	**Other**				
3.1	Build of statistic index	Open trace	Verify that 'Statistics' view is populated when indexing is finished	Pass	The view is populated gradually during indexation
3.2	Persistence of statistics	Open same trace multiple times after indexing of trace was finished the first time	Verify that when opening the trace the x-times (x > 1), that the statistics appear right away without parsing the trace again	Pass	
4	**Range Synchronization**				
4.1	External synchronization (full)	In any other view that supports range synchronization, select the full range of the trace.	Events in selected time range' is updated and equals 'Events total' values	Pass	Bug 459571
4.2	External synchronization (range)	In any other view that supports range synchronization, select a new range.	Events in selected time range' is updated according to new range	Pass	Bug 459571
5	**Multiple Trace Synchronization**				
	Preparation	**1) Download traces.zip (if necessary) and unzip into a local directory ${local}** **2) Import kernel trace ${local}/traces/import/kernel-overlap-testing** **3) Import UST ${local}/traces/import/trace ust-overlap-testing** **4) Create experiment with trace of 2) in it**			
5.1	Open multiple traces (no overlap)	Open multiple traces that don't overlap in time	View shows the last opened trace	Pass	France : I am not sure what to do in this section (overlaping vs non overlaping)
5.2	Change selected time and range (no overlap)	In any other view that supports range synchronization, select a new range	Events in selected time range' is updated according to new range	Pass	

5.3	Select other trace (no overlap)	Select different trace by clicking its Events editor tab	View is updated to show selected trace. 'Events in selected time range' is updated according to the selected trace's previously selected range.	Pass	
5.4	Open multiple traces (overlap)	Open multiple traces that overlap in time	View shows the last opened trace	Pass	
5.5	Change selected time and range (overlap)	In any other view that supports range synchronization, select a new range	Events in selected time range' is updated according to new range	Pass	
5.6	Select other trace (overlap)	Select different trace by clicking its Events editor tab	View is updated to show selected trace. 'Events in selected time range' is updated according to the newly selected time and range.	Pass	
5.7	Close all traces	Close all Events editor tabs	View is cleared.	Pass	

	Section	Pass	Fail	To Do	Comment
	TMF - Time Chart View	**25**	**1**	**0**	**3**
Target:	**Windows 7 64 bit**				

Step	Test Case	Action	Verification		Comment
1	**Preparation**				
1.1	Preparation step 1	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views.	Pass	
1.2	Preparation step 2	Show Time Chart View	Time Chart view is shown	Pass	
2	**Trace handling**				
2.1	Open trace	Open an LTTng CTF Kernel trace #1	Trace #1 entry added to Time Chart view. Trace #1 is selected entry. Range of view is full trace range.	Pass	
2.2	Open other trace	Open an LTTng CTF Kernel trace #2	Trace #2 entry added to Time Chart view. Trace #2 is selected entry. Range of view is union of full trace ranges.	Pass	
2.3	Open experiment	Open an experiment	Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges.	Pass	
2.4	Select other trace	Select trace #1 by clicking its trace entry in Time Chart view	Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top.	Pass	
2.5	Select other trace (external)	Select trace #2 by clicking its editor tab	Trace #2 is selected entry. View range does not change.	Pass	
2.6	Close view	Close the Time Chart view	Time Chart view is removed from perspective	Pass	
2.7	Open view	Show Time Chart view	Time Chart view is displayed and re-populated with opened traces data	Pass	
2.8	Close trace/experiment	Close trace #2 editor tab. Repeat with experiment editor tab.	Trace entry is removed from Time Chart view. Range is view is union of remaining full trace ranges.	Pass	
2.9	Close last trace	Close trace #1 editor tab	View is cleared.	Pass	
3	**Time Synchronization**				
3.1	Mouse synchronization (single time)	Left-click on the time chart. The selected time line is updated.	Other views are synchronized to the selected time. Event at or following the selected time is selected in the event table.	Pass	
3.2	Mouse synchronization (time range)	Shift-left-click or left-drag on the time chart. The selected time range is updated.	Other views are synchronized to the selected range. Event at or following the selected time is selected in the event table.	Pass	
3.3	External synchronization (single time)	In event table, select an event.	Selected time line is updated to the event time. If necessary, range is updated to show selected time.	Pass	
3.4	External synchronization (time range)	In event table, select an event range with shift-left-click.	Selected time line is updated to the time range.	Pass	
4	**Zoom Range Synchronization**				
4.1	Mouse wheel synchronization	Zoom in/out with mouse wheel while holding Ctrl.	Other views are synchronized to the new range	Pass	
4.2	Mouse drag zoom synchronization	Drag zoom with right-button on time chart.	Other views are synchronized to the new range	Pass	
4.3	Mouse drag move synchronization	Drag move with ctrl-left or middle button on time chart.	Other views are synchronized to the new range	Pass	
4.4	Mouse full range synchronization	Double-click with left button on time chart's time scale.	Other views are synchronized to the full range	Pass	
4.5	External synchronization	In any other view that supports range synchronization, select a new zoom range.	View range is updated to the new range	Pass	
5	**Event Table Synchronization**				
5.1	Search synchronization	Enter a search regex in event table	Matching events are marked in time chart	Pass	Bug 436324: Text is not seen as is it typed into the text field on GTK3
5.2	Search cleared	Clear the search regex in event table	Marks are removed in time chart	Pass	France : I am not sure what to do in this section
5.3	Filter synchronization	Enter a filter regex in event table	Non-matching events are removed from time chart	Pass	
5.4	Filter cleared	Clear the filter regex in event table	All events are shown in time chart	Pass	
5.5	Bookmark synchronization	Add a bookmark in event table	Bookmarked event is marked in time chart	Pass	
5.6	Bookmark cleared	Remove the bookmark in event table	Mark is removed in time chart	Fail	Bug 436323: Bookmark is not removed right away, only when the view is refreshed. This bug used to be GTK3 only but is reproducible with GTK 2.24.25 on Ubuntu 14.10

	Section	Pass	Fail	To Do	Comment
	TMF - Custom Parsers	27	0	0	3
Target:	Windows 7				

Step	Test Case	Action	Verification		Comment
0	**Prerequisites**				
0.1	Get custom parser definition and logs	Find text and XML test files.			
1	**View management**				
1.1	Open perspective	Open and reset Tracing perspective, and open Time Chart view	Time Chart view opens.	Pass	
1.2	Import traces	Create a tracing project and import a text and XML custom trace	Traces imported in Traces folder of project.	Pass	
2	**Custom parser management**				
2.1	Open Manage Custom Parsers dialog	Open Manage Custom Parsers dialog in Traces folder context menu	Dialog opens.	Pass	
2.2	New (text)	Select "Text" radio button, click New... button, enter Log Type, change stuff, click Next, click Finish	Custom parser appears in list.	Pass	It is actually "Trace type" not "Log type"
2.3	Edit (text)	Select custom parser, click Edit..., change stuff, click Next, click Finish	Previously entered data appears, can be edited.	Pass	
2.4	Export (text)	Select custom parser, click Export, enter name, click Save	Exported custom parser stored in file system.	Pass	
2.5	Delete (text)	Select custom parser, click Delete	Custom parser is deleted.	Pass	
2.6	Import (text)	Click Import, find custom parser definition, click Open	Imported custom parser appears in list.	Pass	
2.7	New (XML)	Select "XML" radio button, click New... button, enter Log Type, write an xml log in the input, <a><c>1</c><d>1</d><c>2</c><d>1</d> then click on feeling lucky. set c to timestamp logged and d to message logged, set timestamp format to ss in both text boxes, click Next, click Finish	Custom parser appears in list.	Pass	France : I go stuck in the "New..." window (I was not able to click on Next or FInish button because I was missing info). Action description should be more precise.
2.8	Edit (XML)	Select custom parser, click Edit..., change stuff, click Next, click Finish	Previously entered data appears, can be edited.	Pass	
2.9	Export (XML)	Select custom parser, click Export, enter name, click Save	Exported custom parser stored in file system.	Pass	
2.10	Delete (XML)	Select custom parser, click Delete	Custom parser is deleted.	Pass	
2.11	Import (XML)	Click Import, find custom parser definition, click Open	Imported custom parser appears in list.	Pass	
3	**Custom parser trace handling**				
3.1	Select trace type (text)	Select test file in Traces folder, right-click, select "Select Trace Type > Custom Text > (parser name)"	Trace type is assigned (re-open Select Trace Type sub-menu to verify)	Pass	

3.2	Open trace (text)	Double-click on test file in Traces folder	Editor opens with events table, Time Chart view is populated.	Pass	France : I could no test, was not able to load trace correctly because of the custom settings probably. I suggest to clarify the action description of action 2.2 ("change stuff") Matthew: works but we should specify "valid trace"
3.3	Raw view (text)	Right-click in editor, click Show Raw	Editor is split with raw view on right pane.	Pass	
3.4	Time synchronization (text)	Click in Time Chart view, select event in editor table, select event in raw view	All three widgets synchronize to selected time.	Pass	
3.5	Select trace type (XML)	Select test file in Traces folder, right-click, select "Select Trace Type > Custom XML > (parser name)"	Trace type is assigned (re-open Select Trace Type sub-menu to verify)	Pass	
3.6	Open trace (XML)	Double-click on test file in Traces folder	Editor opens with events table, Time Chart view is populated.	Pass	
3.7	Raw view (XML)	Right-click in editor, click Show Raw	Editor is split with raw view on right pane.	Pass	
3.8	Time synchronization (XML)	Click in Time Chart view, select event in editor table, select event in raw view	All three widgets synchronize to selected time.	Pass	
4	**Raw viewer**				
4.1	Show Raw Viewer	1) Open Custom text trace 2) Right-click in table and select "Show Raw"	Raw viewer is shown beside the events table	Pass	
4.2	Hide Table	Right-click in table and select "Hide Table"	Events table is hidden and only raw viewer is shown	Pass	
4.3	Show Table	Right-click in table and select "Show Table"	Events table is shown beside raw viewer	Pass	
4.4	Select Event (Bug 457852)	Select event in raw viewer	Correct event is select in table, timestamp is propagated to other TMF views and Properties view shows content of selected event	Pass	
4.5	Select Event using arrow keys (457852)	1) select event in raw viewer with mouse 2) use arrow key down and up several times	Correct event is select in table, timestamp is propagated to other TMF views and Properties view shows content of selected event	Pass	
4.6	Hide Raw viewer	Right-click in table and select "Hide Raw"	Raw viewer is hidden and only events table is shown	Pass	

	Section	Pass	Fail	To Do	Comment
	TMF - State System Explorer	14	0	0	
Target:	Windows 7 64 bit				

Step	Test Case	Action	Verification		Comment
1	**Preparation**				
1.1	Open TMF State System Explorer View	Use menu Window → Show View → Other … → Tracing → State System Explorer	Verify that 'State System Explorer' view is shown	Pass	
2	**Manage View**				
2.1	Delete view	Close the State System Explorer' View	'State System Explorer' view is removed from perspective	Pass	
2.2	Open view	Use menu Window → Show View → Other … → Tracing → State System Explorer	'State System Explorer' view is displayed and re-populated	Pass	
2.3	Open Trace	Open an LTTng Kernel Trace	Verify that view is populated with kernel state system (o.e.t.analysis.os.linux.kernel) and statistics state systems (o.e.l.tmf.statistics.*) of opened trace	Pass	Some state systems ID's should be renamed for Trace Compass
2.4	Open view when trace is already loaded	1) Close State System Explorer View 2) Load LTTng trace 3) Open 'State System Explorer' view	Verify that view is populated with state systems from trace	Pass	(if the state system were already built)
2.5	Open Experiment	Open Experiment with 2 or more LTTng traces	Verify that view is populated with all kernel state system and statistics state systems of opened experiment (separated by trace)	Pass	The values are only available for time ranges where the trace exists. Only after we've "visited" other timestamps, then the attributes show up and print "Out of range". http://eclip.se/443653
2.7	Select other trace	Select different trace by clicking its Events editor tab	View is updated to show selected trace. State values, start time and end time are updated according to the selected trace's previously selected range.	Pass	
2.6	Restart	Restart Eclipse	Verify that view is populated with state systems from trace	Pass	
2.7	Close all traces	Close traces and experiment one by one from the editor tab	Verify that state system explorer view is cleared after closing the last trace	Pass	
3	**Timestamp / Time Range Selection**				
3.1	Select timestamp	Select time in another view (e.g Histogram view) that supports time synchronization	Verify that state values are updated	Pass	
3.2	Select time range	Select a time range in another view that supports time synchronization	Verify that only the start of the range is taken in consideration (changing the end time of the range should not affect the displayed values)	Pass	France : I am not sure what to do here
4	**Displaying of Changed Values**				
4.1	Highlighting of changed values	Select many different timestamps one after the other	Attributes whose value changed in the last timestamp selection should be highlighted in yellow.	Pass	
4.2	“Only Display Changes at Selected Timestamp” option with event selection	Enable the “Only Display Changes...” option with the toolbar button. Select different Events from the Event Table.	Verify that only the state values that changed because of that event are displayed.	Pass	
	“Only Display Changes...” with timestamp selection	Enable the “Only Display Changes...” option. Select *timestamps* corresponding to state changes (for example, using the previous/next buttons in the Control Flow View).	Verify that only the state values that changed at that timestamp are displayed.	Pass	

	Section	Pass	Fail	To Do	Comment
	TMF - Call Stack View	22	0	0	8
Target:	Windows 7 64 bit				

Step	Test Case	Action	Verification		Comment
0	**Download the test resources**	**Download this**			
1	**Preparation**				
1.1	Open TMF Call Stack View	Use menu Window → Show View → Other … → Tracing → Call Stack	Verify that 'Call Stack' view is shown	Pass	Path is actually Window -> Show view -> Tracing -> Call stack
1.2	Import generic trace	Import a trace that does not have any call stack information, like a standard kernel trace	Verify that nothing is shown in the view, except “Stack info not available (<tracename>)”	Pass	
1.3	Import cyg-profile trace	Import the trace in the "trace" directory of the downloaded zip	Verify that the Callstack View is populated with some callstack information.	Pass	
1.4	Import cyg-profile-fast trace	Import a trace in the "trace-fast" directory of the downloaded zip	Verify that the Callstack View is populated with some callstack information.	Pass	
2	**Manage View**				
2.1	Delete view	Close the Call stack view' View	'Call Stack' view is removed from perspective	Pass	
2.2	Open view	Use menu Window → Show View → Other … → Tracing → Call Stack	'Call Stack' view is displayed and re-populated	Pass	See comment 1.1. about the path
2.3	Open Trace	Open "trace(-fast)" trace	Verify that view is populated with call stack information	Pass	
2.4	Open view when trace is already loaded	1) Close 'Call Stack' view 2) Open "glxgears-cyg-profile(-fast)" trace located in the git in ctf test 3) Open 'Call Stack' view	Verify that view is populated with call stack information	Pass	
2.5	Open Experiment	Open Experiment with 2 or more Call Stack traces. (You can use both traces)	Verify that view is populated with all call stack information (separated by trace).	Pass	
2.7	Select other trace	Select different trace by clicking its Events editor tab	View is updated to show selected trace.	Pass	
2.6	Restart	Restart Eclipse with Call Stack trace opened	Verify that view is populated with call stack from trace	Pass	
2.7	Close all traces	Close traces and experiment one by one from the editor tab	Verify that Call Stack view is cleared after closing the last trace	Pass	
3	**Navigation**				
3.1	Select time	Click on random time in the time graph pane	Selected time line is updated. Table is updated to show the full stack information at the selected time. Selected time is updated in other views.	Pass	
3.2	Select Previous/Next Event	Click Previous/Next Event button	Previous or next call stack change is selected and corresponding active function and stack depth is selected. Table is updated to show the full stack information at the selected time. Selected time is updated in other views.	Pass	
3.3	Zoom to function (table)	Double-click on a function in the table pane	Time range is updated to the full duration of the selected function	Pass	
3.4	Zoom to function (time graph)	Double-click on a function (interval) in the time graph pane	Time range is updated to the full duration of the selected function	Pass	
4	**Synchronization**				
4.1	Time synchronization	Select a random time in another view	Selected time line is updated. Table is updated to show the full stack information at the selected time. If selected time is outside current range, time range is updated to include it.	Pass	The vertical scroll bar is not updated
4.2	Event synchronization	Select a call stack-impacting event (function entry/exit) in events table	In addition to updating the selected time, the active function at the event time is selected. Vertical scroll bar is updated if necessary.	Pass	
4.3	Time range synchronization	Select a new time range in Histogram view.	Time range is updated.	Pass	The vertical scroll bar is not updated
5	**Function name import - Text file**				
5.1	Invalid text file import	Click the "Import a textfile..." button in the view. Select a random file that does not contain any debugging info.	The function addresses do not change.	Pass	France : I am not sure what to do here
5.2	Valid text file import	Import a file "fibonacci.symbols"	The view now displays function names instead of function addresses (both in the timegraph and the call stack areas).	Pass	The symbol mapping is applied on view level. If multiple traces are opened, or if an experiment with multiple traces is opened, they cannot each have their own mapping. Bug 459909. France : I am not sure what to do here

6	**Function name import - CDT**				
	Binary import	Click the "Import Binary..." button in the view, select the fibonacci executable (fibonacci)	The view now displays the function names for both traces	Pass	France : I am not sure what to do here

	Section	Pass	Fail		To Do	Comment
	TMF - Remote Fetching	53	0		0	5
Target:						

Step	Test Case	Action	Verification	Type		Comment
1	Preparation					
1.1	Step 1	Open Trace Compass and reset Lttng perspective	Lttng perspective opens with correct views		Pass	
2	Opening					
2.1	Open Profile Editor 1	Right-click on Traces Folder -> Fetch Remote Traces ... -> Manage Profiles	The Profile Editor of preference page opens	SWTBot	Pass	
2.2	Open Profile Editor 2	Window -> Preferences-> Tracing -> Remote Profiles	The Profile Editor of preference page opens	SWTBot	Pass	
3	Edit Profile - Add/Delete					
3.1	Create Profile	Open Profile Editor > Click on 'Add' > Enter profile name, remote information, root path and trace pattern	New Profile is created and template is provided	SWTBot	Pass	
3.2	Add Node	Select Profile node > right mouse click > select 'New Connection Node'	New Connection Node is create under the profile and template is provided	SWTBot	Pass	
3.3	Add trace group	Select node node > righ mouse click > select 'New Trace Group'	New Trace Group is created under the node and template is provided	SWTBot	Pass	
3.4	Add trace	Select trace group > right mouse click > select 'New Trace'	New Trace is created under Trace Group and template is provided	SWTBot	Pass	
3.5	Delete Trace	Select trace > right mouse click > select Delete	Trace is deleted	SWTBot	Pass	
3.6	Delete Trace Group	Select Trace Group> right mouse click > select Delete	Trace Group is deleted	Manual	Pass	
3.7	Delete Connection Node	Select Connection Node > right mouse click > select Delete	Connection Node is deleted	Manual	Pass	
3.8	Remove Profile	Select Profile > click on 'Remove' button	Profile is deleted	SWTBot	Pass	
4	Edit Profile - Reorder					
4.1	Move profile up/down	Create at 2-3 profiles > select 2nd profile and press buttons 'Move Up'/'Move Down'	Profiles are moved up and down	Manual	Pass	
4.2	Move connection node up/down	Make sure that there are 2 or 3 connection nodes > select 1 connection node > click buttons 'Move Up'/'Move Down'	Connection Nodes are moved up and down within a profile	Manual	Pass	
4.3	Move Trace Group up/down	Make sure that there are 2 or 3 trace gropus > select 1 trace gropu > click buttons 'Move Up'/'Move Down'	Trace Groups are moved up and down within a connection node	Manual	Pass	
4.4	Move Trace up/down	Make sure that there are 2 or 3 trace gropus > select 1 traces > click buttons 'Move Up'/'Move Down'	Traces are moved up and down within a Trace Group	SWTBot	Pass	
5	Edit Profile - Copy, Cut, Paste					
5.1	Copy/Paste Profile	Select Profile > click right mouse button on a profile > Select Copy -> click right mouse button on other profile > Select Paste	Profile is pasted under the selected profile	Manual	Pass	
5.2	Copy/Paste Profile (Keys)	Redo 5.1 with CTRL+C and CTRL+V keys	Profile is pasted under the selected profile	Manual	Pass	
5.3	Copy/Paste Connection Node	Select Profile > click right mouse button on a Connection Node > Select Copy -> click right mouse button on other Connection Node > Select Paste	Profile is pasted under the selected Connction Node	Manual	Pass	
5.4	Copy/Paste Connection Node (Keys)	Redo 5.3 with CTRL+C and CTRL+V keys	Profile is pasted under the selected Connction Node	Manual	Pass	
5.5	Copy/Paste Trace Group	Select Profile > click right mouse button on a Trace Group > Select Copy -> click right mouse button on other Trace Group > Select Paste	Profile is pasted under the selected Trace Group	Manual	Pass	
5.6	Copy/Paste Trace Group (Keys)	Redo 5.5 with CTRL+C and CTRL+V keys	Profile is pasted under the selected Trace Group	Manual	Pass	
5.7	Copy/Paste Trace	Select Profile > click right mouse button on a Trace > Select Copy -> click right mouse button on other Trace > Select Paste	Profile is pasted under the selected Trace	SWTBot	Pass	
5.8	Copy/Paste Trace (Key)	Redo 5.5 with CTRL+C and CTRL+V keys	Profile is pasted under the selected Trace	Manual	Pass	
5.9	Cut/Paste	Redo 5.1 - 5.8 with cut and paste	Successful cut and paste	Manual	Pass	Trace (5.7) is done with SWTBot
6	Edit Profile - Adverserial					
6.1	Error empty profile name	Clear profile name	Error message "Profile must not be empty"	Manual	Pass	
6.2	Duplicate profile name	Add profile with name of existing profile	Error message "Duplicate profile name"	Manual	Pass	

6.3	Error empty Connection node name	Clear Connection node name	Error message "Node name must not be empty"	Manual	Pass	
6.4	Duplicate Connection node name	Within a profile, add Connection node with name of existing node	Error message "Duplicate node names"	Manual	Pass	
6.5	Missing username in URI	remove user name of a Connection Node	Error message "URI must include user information"	Manual	Pass	
6.6	Invalid URI	add invalid URI	Error message "URI must include valid host and port number"	Manual	Pass	
6.7	Error empty Trace Group	Delete Trace Group name	Error message "Trace Group name must not be empty"	Manual	Pass	
6.8	Error empty Trace	Delete File Pattern	Error message "File name must not be empty"		Pass	
6.9	Invalid File pattern	Add trace with invalid regular expression	Error message "Invalide File Pattern"	Manual	Pass	
5	**Export/Import Profile**					
7.1	Export Profile	Select multipe profiles > Click Export Button > Select Folder and enter file name > OK	Only selected profiles are exported	SWTBot	Pass	
7.2	Import Profile	Click on Import Button > select profile XML file > OK	Profiles are emported	SWTBot	Pass	
7.3	Import Profile	Redo 7.2	after second import an error message appears "Duplicate profile names"	Manual	Pass	
8	**Remote Fetch Wizard**					
8.1	Preparation	1) Import Test Profiles (test-profiles.xml) from test spec. template directory 2) Extract test traces.zip from test spec. template directory 3) Load custom text parsers located in traces.zip				
8.2	Create and run Profile "new Profile" (syslog + synthetic CTF trace in sub-directory)	1) Create traces in /tmp/traces/syslog and /tmp/traces/generated/synthetic-trace 2) Create Profile with Local connection, 1 trace group (root /tmp/traces/) and 2 traces (.*syslog.* and .*synthetic.*) in this group 3) Select profile in Remote Fetch Wizard (Remote Page) 4) Click on 'Next' button 5) Click on 'Ok'	Verify that all test traces are imported with correct trace types assigned. Verify that folder structure is preserved.	SWTBot	Pass	Local connection is used in SWTBot
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.3	Create and run Profile "new Profile" (syslog + synthetic CTF trace in sub-directory), only 1 trace selectted	1) Create traces in /tmp/traces/syslog and /tmp/traces/generated/synthetic-trace 2) Create Profile with Local connection, 1 trace group (root /tmp/traces/) and 2 traces (.*syslog.* and .*synthetic.*) in this group 3) Select profile in Remote Fetch Wizard (Remote Page) 4) Click on 'Next' button 5) deslect the synthetic CTF trace 5) Click on 'Ok'	Verify that only the selected traces are imported with correct trace types assigned. Verify that folder structure is preserved.	SWTBot	Pass	Local connection is used in SWTBot
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.4	Re-run Profile "TestAllRecursive" (1)	1) Edit Profile to point root directory of extracted test traces of traces.zip 2) Select profile in Remote Fetch Wizard (Remote Page) 3) Ckick on 'Next' button (enter password if needed) 4) Click on 'Ok' 5) In dialog box select 'Rename' for the first trace and 'Rename ALL' for the second traces	Verify that all test traces are imported with correct trace types assigned (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with unrecognized trace type. Make sure that directory structure is preserved.	Manual	Pass	
8.5	Re-run Profile "TestAllRecursive" (Rename)	1) Select profile in Remote Fetch Wizard (Remote Page) 2) Click on 'Next' button (enter password if needed) 3) Click on 'Ok' 4) In dialog box select 'Rename' for the first trace and 'Rename ALL' for the second traces	Verify that all test traces are imported with new name and correct trace types assigned (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with unrecognized trace type. Make sure that directory structure is preserved.	Manual	Pass	
8.6	Re-run Profile "TestAllRecursive" (Overwrite)	1) Select profile in Remote Fetch Wizard (Remote Page) 2) Click on 'Next' button (enter password if needed) 3) Click on 'Ok' 4) In dialog box select 'Overwrite' for the first trace and 'Overwrite ALL' for the second traces	Verify that all test traces are imported with correct trace types is assigned where old traces are overwritten. (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with unrecognized trace type. Make sure that directory structure is preserved.	Manual	Pass	
8.7	Re-run Profile "TestAllRecursive" (Skip)	1) Select profile in Remote Fetch Wizard (Remote Page) 2) Click on 'Next' button (enter password if needed) 3) Click on 'Ok' 4) In dialog box select 'Skip' for the first trace and `Skip ALL' for the second traces	Verify that all test traces are skipped and no trace is imported	Manual	Pass	
8.8	Re-run Profile "TestAllRecursive" (Overwrite 2)	1) Select profile in Remote Fetch Wizard (Remote Page) 2) Select checkbox 'Overwrite traces without warning' 3) Click on 'Next' button (enter password if needed) 4) Click on 'Ok'	Verify that all test traces are imported with correct trace types assigned where old traces are overwritten (no dialog box opens). (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with unrecognized trace type. Make sure that directory structure is preserved.	Manual	Pass	

	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.9	Re-run Profile "TestAllRecursive" (2)	1) Select profile in Remote Fetch Wizard (Remote Page) 2) Click on 'Ok'	Verify that all test traces are imported with correct trace types assigned. The second page is omitted. (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with unrecognized trace type. Make sure that directory structure is preserved.	Manual	Pass	
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.10	Run Profile "TestAllNonRecursive"	1) Select profile in Remote Fetch Wizard (Remote Page) 2) Ckick on 'Next' button (enter password if needed) 3) Click on 'Ok'	Verify that only traces from root path are imported (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with unrecognized trace type. Make sure that directory structure is preserved.	Manual	Pass	
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.11	Run Profile "TestSpecificRecursive"	1) Select profile in Remote Fetch Wizard (Remote Page) 2) Ckick on 'Next' button (enter password if needed) 3) Click on 'Ok'	Verify that only kernel and custom text logs are imported from root and subdirectory. Make sure that directory structure is preserved.	Manual	Pass	
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.12	Run Profile "TestSpecificNonRecursive"	1) Select profile in Remote Fetch Wizard (Remote Page) 2) Ckick on 'Next' button (enter password if needed) 3) Click on 'Ok'	Verify that only kernel and custom text logs are imported from root directory only. Make sure that directory structure is preserved.	Manual	Pass	
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.13	Run Profile "TestSpecificMutliGroupRecursive"	1) Select profile in Remote Fetch Wizard (Remote Page) 2) Ckick on 'Next' button (enter password if needed) 3) Click on 'Ok'	Verify that only traces from root path are imported (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with unrecognized trace type. Make sure that directory structure is preserved.	Manual	Pass	
8.14	Cancel Import	1) Create profile with directory with many CTF traces 2) Click on 'Ok' 3) Cancel import (red square or Cancel button)	Verify that import operation is cancelled	Manual	Pass	
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.15	Run Profile "TestMultiNodes"	1) Select profile in Remote Fetch Wizard (Remote Page) 2) Ckick on 'Next' button (enter password if needed) 3) Click on 'Ok'	Verify that only traces from root path are imported (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with unrecognized trace type. Make sure that directory structure is preserved. 2 nodes directories are created with the above traces stored	Manual	Pass	
9	**Connection Handling**					
9.1	Error cannot connect to remote host (node doesn't exist)	Create profile with IP address that cannot be connected to and run profile	Operation to connect to remote node fails and error dialog is shown with detailed information (after time-out)	Manual	Pass	
9.2	Error cannot connect to remote host (wrong password)	Create profile valid IP address. When asked for password enter invalid password	Operation to connect to remote node fails with time-out and error dialog is shown with detailed information. Note time-out is as per remote development preferences	Manual	Pass	
10	**Other Remote Backends**					
10.1	Remote Fetch using RSE	Create profile (see 7.3) with URI scheme rse (instead of ssh) and redo test 7.3	Verify that all test traces are imported with correct trace types assigned (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with unrecognized trace type. Make sure that directory structure is preserved.	Manual	N/A	RSE not available with o.e.remote 2.0.0
	Clear traces	Delete all traces from Traces directory	All traces deleted			
10.2	Remote Fetch using Local	Create profile (see 7.3) with URI scheme file (instead of ssh) and node name Local and redo test 7.3	Verify that all test traces are imported with correct trace types assigned (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with unrecognized trace type. Make sure that directory structure is preserved.	SWTBot	Pass	See tests 7.2/7.3

	Section	Pass	Fail	To Do	Comment
	LTTng 2.0 - Control Flow View	45	0	0	2
Target:	Windows				

Step	Test Case	Action	Verification		Comment
0	**Prerequisites**				
0.1	Import traces	Import LTTng Kernel traces in Tracing project			
0.2	Create experiment	Create an experiment with LTTng Kernel traces			
1	**View management**				
1.1	Open perspective	Open and reset LTTng Kernel Perspective	Control Flow view opens.	Pass	
1.2	Open trace	Open LTTng Kernel trace in Project Explorer	Control Flow view is populated with processes, sorted by Trace then TID. Child processes appear under their parent, sorted by birth time. Range is set to initial offset. Arrows are drawn between states of a CPU.	Pass	
1.2	Open experiment	Open experiment with LTTng Kernel traces in Project Explorer	Control Flow view is populated with processes, sorted by Trace then TID. Child processes appear under their parent, sorted by birth time. Range is set to initial offset. Arrows are drawn between states of a CPU.	Pass	
1.3	Close view	Close the Control Flow view	View is closed.	Pass	
1.4	Open view	Open the Control Flow view	Control Flow view is opened and populated with processes.	Pass	
2	**View selection**				
2.1	Select process in table	Select a process in the table	Same process is highlighted in time graph.	Pass	
2.2	Select process in time graph	Select a process in the time graph (empty region)	Same process is highlighted in table. Selected time line is updated. Other views are synchronized to selected time.	Pass	
2.3	Select state in time graph	Select a state in the time graph	Same process is highlighted in table. State is highlighted in time graph. Selected time line is updated. Other views are synchronized to selected time.	Pass	
3	**Mouse handling**				
3.1	Drag move time range	Ctrl-Drag move time graph left and right with middle button	Time range is dragged. When mouse button is released, states are updated and new time range is propagated to other views.	Pass	Dragging also works with Ctrl-Left
3.2	Zoom time range (mouse wheel)	Zoom with mouse wheel up and down, cursor inside time graph while holding the Ctl button	Time range is zoomed in and out, relative to mouse cursor. When mouse wheel is stopped for a short time, states are updated and new time range is propagated to other views.	Pass	
3.3	Zoom time range (mouse drag)	Drag in time graph scale left and right with left button	Time range is zoomed in and out. When mouse button is released, states are updated and new time range is propagated to other views.	Pass	
3.4	Mouse vertical scroll	Scroll with mouse wheel up and down, cursor outside time graph	Table and time graph scroll up and down and remain aligned. Selected process does not change. Vertical scroll bar updated.	Pass	

3.5	Vertical scroll bar	Click and drag vertical scroll bar	Table and time graph scroll up and down and remain aligned. Selected process does not change.	Pass	
3.6	Drag select time range	Drag select time graph with right button	Selection highlighted. When mouse button is released, time range is zoomed to selection, states are updated and new time range is propagated to other views.	Pass	
3.7	Double-click reset time range	Double-click left button on time scale	Time range is reset to full range, states are updated and new time range is propagated to other views.	Pass	
3.8	Mouse hover (empty region)	Hover mouse in time graph over empty region	Tool tip shows process name only.	Pass	
3.9	Mouse hover (state)	Hover mouse in time graph over state	Tool tip shows process name, state name, date, start time, end time, duration. For USERMODE state, CPU is shown. For SYSCALL state, CPU and System Call is shown. For INTERRUPTED state, CPU is shown.	Pass	
3.10	Drag mouse selection	Drag select time graph with left button	Selection highlighted. Status bar of Eclipse is updated with time information: T, T1, T2 and delta, where T is the time of the mouse position, T1 the left most selected time, T2 the right most selected time and delta the time difference between T2-T1	Pass	
3.11	Shift key selection	Click select with left button (begin time), press shift key and click select another time (end time)	Selection highlighted. Status bar of Eclipse is updated with time information: T, T1, T2 and delta, where T is the time of the mouse position, T1 the left most selected time, T2 the right most selected time and delta the time difference between T2-T1	Pass	
4	**Keyboard handling**				
4.1	Keyboard navigation in table (process selection)	With focus on table, use UP, DOWN, HOME, END keys	Selected process is changed. Time graph selection is updated. Vertical scroll bar updated.	Pass	
4.2	Keyboard navigation in table (tree expansion)	With focus on table, in Windows use LEFT, RIGHT keys while parent or child process is selected in Linux use SHIFT LEFT, RIGHT keys while parent or child process is selected	For parent process, tree is expanded or collapsed. Time graph item expansion is updated. Vertical scroll bar updated. For child process, left changes selection to parent, time graph selection is updated. Vertical scroll bar updated.	Pass	Tested in Windows
4.3	Keyboard navigation in time graph (process selection)	With focus on time graph, use UP, DOWN, HOME, END keys	Selected process is changed. Table selection is updated. Vertical scroll bar updated.	Pass	
4.4	Keyboard navigation in time graph (state selection)	With focus on time graph, use LEFT, RIGHT keys	Previous or next state is selected. Selected time is updated in other views.	Pass	
5	**Tool bar handling**				
5.1	Show Legend	Click Show Legend button	The legend dialog is opened and can be closed.	Pass	
5.2	Reset Time Scale	Click Reset Time Scale button	Time range is reset to full range, states are updated and new time range is propagated to other views.	Pass	
5.3	Select Previous/Next Event	Click Previous/Next Event button	Previous or next state is selected. Selected time is updated in other views.	Pass	

5.4	Select Previous/Next Process	Click Previous/Next Process button	Selected process is changed in table and time graph. Vertical scroll bar updated.	Pass	
5.5	Zoom In/Out	Click Zoom In/Out button	Time range is zoomed in and out, relative to center of time range. States are updated and new time range is propagated to other views.	Pass	
5.6	Filter Dialog	Open Filter Dialog	Verify that all buttons are working correctly	Pass	
5.7	Filter Processes	1) Open Filter Dialog 2) Deselect several processes 3) Press Ok	Verify that only selected processes are displayed in the view	Pass	
5.8	Hide Arrows	Click Hide Arrows button	Verify that arrows are not drawn in the time graph	Pass	
5.9	Follow CPU Forward	With focus on time graph, click Follow CPU Forward button	Time graph is updated to show the next state for this cpu following the arrow, the event is selected in the Events editor.	Pass	
5.10	Follow CPU Backward	With focus on time graph, click Follow CPU Backward button	Time graph is updated to show the previous state for this cpu following the arrow, the event is selected in the Events editor.	Pass	
6	**Synchronization**				
6.1	Time synchronization	Select a random time in another view	Selected time line is updated. If selected time is outside current range, time range is updated to include it.	Pass	
6.2	Event synchronization	Select a state-impacting event (sched_switch, syscall, ...) in events table or in Resources view using Select Previous/Next event.	In addition to updating the selected time, the process containing the state change is selected. Vertical scroll bar is updated if necessary.	Pass	
6.3	Time range synchronization	Select a new time range in Resources view or in Histogram view.	Time range is updated.	Pass	
6.4	Time range selection synchronisation	In any other view that supports range synchronization, select a new range.	Selection is highlighted. If begin time (T1) of selected time range is outside the current range, then time range is updated to include it	Pass	
7	**Multiple Trace Synchronization**				
	Preparation	**1) Download traces.zip (if necessary) and unzip into a local directory ${local} 2) Import kernel trace ${local}/traces/import/kernel-overlap-testing 3) Import UST ${local}/traces/import/trace ust-overlap-testing 4) Create experiment with trace of 2) in it**			
7.1	Open multiple traces (no overlap)	Open multiple traces that don't overlap in time	View shows the last opened trace	Pass	
7.2	Change selected time and range (no overlap)	Select a time and new range	Selected time line and time range is updated to selected time and new range.	Pass	
7.3	Select other trace (no overlap)	Select different trace by clicking its Events editor tab	View is updated to show selected trace. Selected time line and time range are restored to the selected trace's previously selected time and range.	Pass	
7.4	Open multiple traces (overlap)	Open multiple traces that overlap in time	View shows the last opened trace	Pass	
7.5	Change selected time and range (overlap)	Select a time and new range	Selected time line and time range is updated to selected time and new range.	Pass	

7.6	Select other trace (overlap)	Select different trace by clicking its Events editor tab	View is updated to show selected trace. Selected time line and time range are set to the newly selected time and range.	Pass	
7.7	Close all traces	Close all Events editor tabs	View is cleared.	Pass	
8	**Miscellaneous**				
8.1	Restart (Bug 409345)	1) Open LTTng Kernel Trace 2) Select Control Flow View 3) Restart Eclipse	Verify that Control Flow View is populated	Pass	

	Section	Pass	Fail	To Do	Comment
	LTTng 2.0 - Resources View	36	0	0	2
Target:	Windows 7				

Step	Test Case	Action	Verification		Comment
0	**Prerequisites**				
0.1	Import traces	Import LTTng Kernel traces in Tracing project			
0.2	Create experiment	Create an experiment with LTTng Kernel traces			
1	**View management**				
1.1	Open perspective	Open and reset LTTng Kernel Perspective, and select Resources view	Resource view opens.	Pass	
1.2	Open trace	Open LTTng Kernel trace in Project Explorer	Resources Flow view is populated with processes, sorted by Trace then TID. Child processes appear under their parent, sorted by birth time. Range is set to initial offset.	Pass	
1.2	Open experiment	Open experiment with LTTng Kernel traces in Project Explorer	Resource view is populated with traces (sorted by name) and their resources as tree children (sorted by resource type then numerically) Range is set to initial offset.	Pass	
1.3	Close view	Close the Resources view	View is closed.	Pass	
1.4	Open view	Open the Resources view	Resources view is opened and populated with processes.	Pass	
2	**View selection**				
2.2	Select resource in time graph	Select a resource in the time graph (empty region)	Resource is highlighted. Selected time line is updated. Other views are synchronized to selected time.	Pass	
2.3	Select state in time graph	Select a state in the time graph	State is highlighted in time graph. Selected time line is updated. Other views are synchronized to selected time.	Pass	
3	**Mouse handling**				
3.1	Drag move time range	Ctrl-Drag move time graph left and right with middle button	Time range is dragged. When mouse button is released, states are updated and new time range is propagated to other views.	Pass	
3.2	Zoom time range (mouse wheel)	Zoom with mouse wheel up and down on header or ctrl mousewheel in the time graph	Time range is zoomed in and out, relative to mouse cursor. When mouse wheel is stopped for a short time, states are updated and new time range is propagated to other views.	Pass	Zoom in and out with Ctlr + Mouse wheel. Consider adding that detail to the action description to clariry
3.3	Zoom time range (mouse drag)	Drag in time graph scale left and right with left button	Time range is zoomed in and out. When mouse button is released, states are updated and new time range is propagated to other views.	Pass	
3.4	Mouse vertical scroll	Scroll with mouse wheel up and down, cursor outside time graph (in name space)	Time graph scrolls up and down. Selected process does not change. Vertical scroll bar updated.	Pass	
3.5	Vertical scroll bar	Click and drag vertical scroll bar	Time graph scroll up and down and remain aligned. Selected process does not change.	Pass	

3.6	Drag select time range	Drag select time graph with right button	Selection highlighted. When mouse button is released, time range is zoomed to selection, states are updated and new time range is propagated to other views.	Pass	
3.7	Double-click reset time range	Double-click left button on time scale	Time range is reset to full range, states are updated and new time range is propagated to other views.	Pass	
3.8	Mouse hover (empty region)	Hover mouse in time graph over empty region	Tool tip shows resource name only.	Pass	
3.9	Mouse hover (state)	Hover mouse in time graph over state	Tool tip shows resource name, state name, date, start time, end time, duration. For IRQ state, IRQ number is shown. For IRQ_ACTIVE/SOFT_IRQ_ACTIVE state, CPU is shown.	Pass	On usermode and syscall tool tip shows also shows hover time, tid and process name. When not zoomed enough, tool tip does not show CPU for IRQ_ACTIVE/SOFT_IRQ_ACTIVE state.
3.10	Drag mouse seleection	Drag select time graph with left button	Selection highlighted. Status bar of Eclipse is updated with time information: T, T1, T2 and delta, where T is the time of the mouse position, T1 the left most selected time, T2 the right most selected time and delta the time difference between T2-T1	Pass	
3.11	Shit key selection	Click select with left button (begin time), press shift key and click select another time (end time)	Selection highlighted. Status bar of Eclipse is updated with time information: T, T1, T2 and delta, where T is the time of the mouse position, T1 the left most selected time, T2 the right most selected time and delta the time difference between T2-T1	Pass	
4	**Keyboard handling**				
4.1	Keyboard navigation in time graph (process selection)	With focus on time graph, use UP, DOWN, HOME, END keys	Selected process is changed. Vertical scroll bar updated.	Pass	
4.2	Keyboard navigation in time graph (state selection)	With focus on time graph, use LEFT, RIGHT keys	Previous or next state is selected. Selected time is updated in other views.	Pass	
5	**Tool bar handling**				
5.1	Show Legend	Click Show Legend button	The legend dialog is opened and can be closed.	Pass	
5.2	Reset Time Scale	Click Reset Time Scale button	Time range is reset to full range, states are updated and new time range is propagated to other views.	Pass	
5.3	Select Previous/Next Event	Click Previous/Next Event button	Previous or next state is selected. Selected time is updated in other views.	Pass	
5.4	Select Previous/Next Process	Click Previous/Next Process button	Selected process is changed in time graph. Vertical scroll bar updated.	Pass	
5.5	Zoom In/Out	Click Zoom In/Out button	Time range is zoomed in and out, relative to center of time range. States are updated and new time range is propagated to other views.	Pass	
6	**Synchronization**				
6.1	Time synchronization	Select a random time in another view	Selected time line is updated. If selected time is outside current range, time range is updated to include it.	Pass	
6.2	Time range synchronization	Select a new time range in Control Flow view or in Histogram view.	Time range is updated.	Pass	
6.3	Time range selection synchronisation	In any other view that supports range synchronization, select a new range.	Selection is highlighted. If begin time (T1) of selected time range is outside the current range, then time range is updated to include it	Pass	

7	**Multiple Trace Synchronization**				
	Preparation	**1) Download traces.zip (if necessary) and unzip into a local directory ${local} 2) Import kernel trace ${local}/traces/import/kernel-overlap-testing 3) Import UST ${local}/traces/import/trace ust-overlap-testing 4) Create experiment with trace of 2) in it**			
7.1	Open multiple traces (no overlap)	Open multiple traces that don't overlap in time	View shows the last opened trace	Pass	
7.2	Change selected time and range (no overlap)	Select a time and new range	Selected time line and time range is updated to selected time and new range.	Pass	
7.3	Select other trace (no overlap)	Select different trace by clicking its Events editor tab	View is updated to show selected trace. Selected time line and time range are restored to the selected trace's previously selected time and range.	Pass	
7.4	Open multiple traces (overlap)	Open multiple traces that overlap in time	View shows the last opened trace	Pass	
7.5	Change selected time and range (overlap)	Select a time and new range	Selected time line and time range is updated to selected time and new range.	Pass	
7.6	Select other trace (overlap)	Select different trace by clicking its Events editor tab	View is updated to show selected trace. Selected time line and time range are set to the newly selected time and range.	Pass	
7.7	Close all traces	Close all Events editor tabs	View is cleared.	Pass	
8	**Miscellaneous**				
8.1	Restart (Bug 409345)	1) Open LTTng Kernel Trace 2) Select Resource View 3) Restart Eclipse	Verify that Resources View is populated	Pass	

	Section	Pass	Fail	To Do	Comment
	LTTng 2.0 - Control View	108	0	0	19
Target:	Ubuntu 14.04 64 bit				
	LTTng Tools 2.6.0, Built-in SSH				

Step	Test Case	Action	Verification		Comment
0	**Prerequisites**				
		For the tests below a Ubuntu machine with LTTng 2.0 installed (with lttng tools 2.0.x) is required. Either create a machine yourself or use machine vCloud machine 142.133.166.54. Make sure that the root session daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx)	LTTng Tracer Control User Guide: http://wiki.eclipse.org/Linux_Tools_Project/LTTng2/User_Guide#LTTng_Tracer_Control		
0.1	Set Proxy	a) Window → Preferences → General → Network Connections b) Set "Active Provider" to "Direct"			
1	**General**				
1.1	Open perspective	Open and reset LTTng Kernel Perspective	LTTng Kernel perspective opens with correct Control view on the left bottom corner	Pass	
2	**Manage View**				
2.1	Close view	Close Control View	Control view is removed from perspective	Pass	
2.2	Open Control view	Use menu Window → Show View → Other … → Lttng → Control	Verify that Control view is shown	Pass	
3	**Connection Handling**				
3.1	Create Host Connection	1) Click Button 'New Connection...' 2) Select Tree item "Built-in SSH" and click on Create 3) Enter Connection Name (e.g. MyHost), enter Host Name (a DNS name or IP address), username and password 4) Click 'Finish' 5) In Tree select the newly create connection and click on 'Ok'	Make sure that after 4) the new connection is shown in the tree. Verify that the new host is shown in the Control view (with 'Connection Name'. After Ssh connection has been established, make sure that Provider and Session nodes are created in the Control view underneath the host. Verify that all active Providers (Kernel and UST providers) are shown under the 'Provider' node.	Pass	
3.2	Disconnect	a) Select host to disconnect and click Button 'Disconnect' b) Redo test with context sensitive menu item 'Disconnect'	Verify that icon for the corresponding node changes to the disconnect icon and all sub-nodes are removed.	Pass	
3.3	Connect	a) Select host to connect and click Button 'Connect' b) Redo test with context sensitive menu item 'Connect'	Verify that icon for the corresponding node changes to the connected icon and after successful SSH connection all data is retrieved form the remote host (Providers, sessions etc).	Pass	
3.4	Select Host Connection	1) Restart Eclipse 2) Click Button 'New Connection...' 3) Select the host previously created 4) Select 'Ok'. (Afterwards enter user ID and Password if necessary)	Make sure that SSH connection is established and all data is retrieved from the remote host ((Providers, sessions etc).	Pass	
3.5	Node contexts sensitive menu (host connected)	1) Connect to remote host 2) select connected node and click right mouse button	Verify that menu items are shown and enabled/disabled depending on state: 'Connect' (disabled) Disconnect (enabled) Refresh (enabled) Delete (disabled)	Pass	
3.6	View button enable state (host connected)	1) Connect to remote host (if necessary) 2) select connected node	Verify enable state of view buttons: 'New Connection...' (enabled) 'Connect' (disabled) 'Disconnect' (enabled) 'Refresh' (enabled) 'Delete' (disabled) 'Start' (disabled) 'Stop' (disabled) 'Destroy Session...' (disabled) 'Record Snapshot' (disabled) 'Import...' (disabled)	Pass	
3.7	Node contexts sensitive menu (host disconnected)	1) Disconnect from node 2) select disconnnected node and click right mouse button	Verify that menu items are shown and enabled/disabled depending on state: 'Connect' (enabled) 'Disconnect' (disabled) 'Refresh' (disabled) 'Delete' (enabled)	Pass	
3.8	View button enable state (host connected)	1) Disconnect to remote host (if necessary) 2) select disconnected node if necessary	Verify enable state of view buttons: 'New Connection...' (enabled) 'Connect' (enabled) 'Disconnect' (disabled) 'Refresh' (disabled) 'Delete' (enabled) 'Start' (disabled) 'Stop' (disabled) 'Destroy Session...' (disabled) 'Record Snapshot' (disabled) 'Import...' (disabled)	Pass	
3.9	Delete	a) Select node to delete (state disconnected) and click on button 'Delete' b) Redo test with context sensitive menu item 'Delete'	Verify that host is removed from the control view. Verify that host doesn't show up in available hosts when creating a new connection (see 3.4)	Pass	
3.10	Create Host Connection with ssh port	re-do 3.1 but this time specify a port number other than default SSH port 22	The connection should fail (unless remote is configured for the specified port)	Pass	

4	**Session Handling**										
4.1	Preparation	1) Connect to remote host	-	Pass							
4.2	Sessions Context Sensitive Menu	Select 'Sessions' in tree and click right mouse button	Verify that menu items are shown and enabled: 'Refresh', 'Create Session...', 'Execute Command Script ...'	Pass							
4.3	Create Session (default location)	1) Click right mouse button on 'Sessions' 2) Select 'Create Session...' in the context sensitive menu 3) Enter session name 'MySession', keep 'Session Path' empty 4) Select 'Ok'	Verify that new session is added under the Session tree node. Verify properties in Properties view (by selecting the session in the Control view): 'Session name' (=MySession) 'Session Path' (=/home/<user>/traces/MySession_<date and time>) and 'State' (=INACTIVE)	Pass							
4.4	Create Session (custom location)	1) Click right mouse button on 'Sessions' 2) Select 'Create Session...' in the context sensitive menu 3) Enter session name 'MyOtherSession' 4) enter custom path (/tmp/myTraces) for 'Session Path' 5) Select 'Ok'	Verify that new session is added under the Session tree node. Verify properties in Properties view (by selecting the session in the Control view): 'Session name' (=MyOtherSession) 'Session Path' (=/tmp/myTraces) and 'State' (=INACTIVE)	Pass							
4.5	Create Session – session already exists in GUI	1) Click right mouse button on 'Sessions' 2) Select 'Create Session...' in the context sensitive menu 3) Enter session name 'MySession', keep 'Session Path' empty	Make sure that an error message appears in the message area of the dialog box with information that session 'MySession' already exists in the tree.	Pass							
4.6	Create Session – session already exists on node	1) login to the remote host using a command shell 2) type lttng create newSession and press enter. This will create a session which is not know by the Control view. 3) Click right mouse button on 'Sessions' 4) Select 'Create Session...' in the context sensitive menu 5) Enter session name 'MySession', keep 'Session Path' empty 6) Select 'Ok'	Verify that an error dialog box will show with information that command to create a session failed. session already exists on the node. Select 'Details': Verify that the command error detail is shown (with return value (28))	Pass							
4.7	Session Context Sensitive menu (session inactive)	Select newly created session and click right mouse button	Verify context sensitive menu items: 'Refresh' (enabled) 'Start' (enabled) 'Stop' (disabled) 'Destroy Session...' (enabled) 'Import...' (enabled) 'Enable Channel...' (enabled) 'Enable Event (default channel)...' (enabled) 'Record Snapshot' (disabled)	Pass							
4.8	View button enable state (session inactive)	Select newly created session (enable an event before)	Verify enable state of view buttons: 'New Connection...' (enabled) 'Connect' (disabled) 'Disconnect' (disabled) 'Refresh' (enabled) 'Delete' (disabled) 'Start' (enabled) 'Stop' (disabled) 'Destroy Session...' (enabled) 'Import...' (enabled) 'Record Snapshot' (disabled)	Pass							
4.9	Start Session	a) Eable an event b) Select session and click on button 'Start' c) Redo test with context sensitive menu item 'Start'	Verify that Session icon changes to 'ACTIVE' icon. Verify that property view shows 'ACTIVE' for the session state	Pass	Syscalls look crazy: I think I counted at least 50 events enabled. -> this is due to per syscall events in 2.6						
4.10	Session Context Sensitive menu (session active)	Select started session and click right mouse button	Verify context sensitive menu items: 'Refresh' (enabled) 'Start' (disabled) 'Stop' (enabled) 'Destroy Session...' (disabled) 'Import...' (disabled) 'Enable Channel...' (disabled) 'Enable Event (default channel)...' (disabled)	Pass							
4.11	View button enable state (session active)	Select started session	Verify enable state of view buttons: 'New Connection...' (enabled) 'Connect' (disabled) 'Disconnect' (disabled) 'Refresh' (enabled) 'Delete' (disabled) 'Start' (disabled) 'Stop' (enabled) 'Destroy Session...' (disabled) 'Import...' (disabled)	Pass							
4.12	Destroy Session	1) In the Control view select session 'MyOtherSession' 2) Click right mouse button 3) select 'Destroy Session...' in the context sensitive menu 4) Select 'Ok' in the confirmation dialog box	Verify that session is removed from the control view.	Pass							
5	**Kernel Channel Handling**										
5.1	Preparation	1) Connect to remote host 2) Create new Session 'MyOtherSession'	-	Pass							
5.2	Enable Channel on session level (default values)	1) Select session and right mouse click 2) Select menu item 'Enable Channel...' 3) Enter Channel name (e.g. myChannel) and keep default values 4) Select Kernel 5) Click on 'Ok'	Verify that domain 'Kernel' is created under session and channel is added under the domain. Verify that default values for the channel are displayed in the Properties view after selecting the channel in the tree.	Pass							

5.3	Enable Channel on domain level (default values)	1) Select domain 'Kernel' and right mouse click 2) Select menu item 'Enable Channel...' 3) Enter Channel name (e.g. MyOtherChannel) 4) Change values 5) Click on 'Ok'	Verify that channel is added under the domain. Verify that correct values for the channel are displayed in the Properties view after selecting the channel in the tree.	Pass								
5.4	Enable Channel – channel already exists	1) Select domain 'Kernel' and right mouse click 2) Select menu item 'Enable Channel' 3) Enter Channel name (e.g. MyOtherChannel) and keep default values 4) Click on 'Ok'	Verify that error dialog box is opened notifying that channel already exists.	Pass								
5.5	Domain Context Sensitive menu	Select domain 'Kernel' and click right mouse button	Verify context sensitive menu items: 'Refresh' (enabled) 'Enable Channel...' (enabled) 'Enable Event (default channel)...' (enabled) 'Add Context...'' (enabled) 'Calibrate'' (enabled)	Pass								
5.6	Channel Context Sensitive menu	Select channel 'MyChannel' and click right mouse button	Verify context sensitive menu items: 'Refresh' (enabled) 'Enable Channel' (disabled) 'Disable Channel' (enabled) 'Enable Event (default channel)...' (enabled) 'Add Context...'' (enabled)	Pass								
5.7	Disable Channel	1) Select channel 'MyChannel' and click right mouse button 2) Select 'Disable' menu item	Verify that channel is disabled (disabled channel icon shown, state DISABLED shown in Properties view, menu item 'Disable' is disabled and menu item 'Enable' is enabled	Pass								
5.8	Enable Channel	1) Select channel 'MyChannel' and click right mouse button 2) Select 'Enable' menu item	Verify that channel is enabled (enabled channel icon shown, state ENABLED shown in Properties view, menu item 'Disable' is enabled and menu item 'Enable' is disabled	Pass								
6	**UST Channel Handling**											
6.1	Enable Channel on session level (default values)	1) Select session and right mouse click 2) Select menu item 'Enable Channel...' 3) Enter Channel name 'MyChannel' 4) Select UST 5) Click on Button 'Default' 5) Click on 'Ok'	Verify that domain 'UST global' is created under session and channel is added under the domain. Verify that default values for the channel are displayed in the Properties view after selecting the channel in the tree.	Pass								
6.2	Enable/Disable Channel	Redo tests 5.7 and 5.8 with UST channel	See 5.7/5.8	Pass								
				Pass								
7	**Kernel Event Handling**											
7.1	Enable Event on session level (all tracepoints)	1) Select session and click right mouse button 2) Select menu item 'Enable Events (default channel)...' 3) Select 'Kernel' 4) Select Radio button for 'Tracepoint Events' 5) Select top level tree node 'All' 6) Click on Ok	Verify that default channel (channel0) is create under domain 'Kernel' and that all tracepoint events are added under the channel with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=TRACEPOINT, State=ENABLED)	Pass								
7.2	Enable Event on domain level (syscalls)	1) Select domain Kernel and click right mouse button 2) Select menu item 'Enable Events (default channel)...' 3) Select 'Kernel' 4) Select Radio button for 'All Syscalls' 5) Click on Ok	Verify that event with name syscalls is added under the default channel (channel0) with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=SYSCALL, State=ENABLED)	Pass								
7.3	Enable Event on Channel level (Dynamic Probe)	1) Select a channel (e.g. channel0) and click right mouse button 2) Select menu item 'Enable Events...' 3) Select Radio button for 'Dynamic Probe' 4) Enter Event Name 'MyEvent' and Probe (e.g. 0xc0101280, see file /boot/System.map<kernel version>) 5) Click on Ok	Verify that event with name 'MyEvent' is added under the respective channel with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=Probe, State=ENABLED, Address=0xc0101280, Event Name=MyEvent)	Pass			address not allowed Command to change state o Command failed! Command: lttng --mi xml enabl Error Ouptut: Error: Event myEvent: Non-default channel exists Return Value: 83 <?xml version="1.0" encoding="UTF-8"?> <command><name>enable-event</name><outp			
7.4	Enable Event on Channel level (Dynamic Function Probe)	1) Select a channel (e.g. channel0) and click right mouse button 2) Select menu item 'Enable Events...' 3) Select Radio button for 'Dynamic Function Entry/Return Probe' 4) Enter Event Name 'MyOtherEvent' and Probe (e.g. create_dev, see file /boot/System.map<kernel version>) 5) Click on Ok	Verify that event with name 'MyOtherEvent' is added under the respective channel with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=Function, State=ENABLED, Symbol=create_dev, Offset=0x0, Event Name=MyOtherEvent)	Pass	Since LTTng Tools 2.2 the event type displayed in the list command is function instead of probe.		Command to change state of events failed Command failed! Command: lttng --mi xml enabl Error Ouptut: Error: Event bob: Non-default channel exists withi Return Value: 83 <?xml version="1.0" encoding="UTF-8"?> <command><name>enable-event</name><outp			
7.5	Disable Event	1) Select multiple events under a channel (not syscalls) and click right mouse button 2) Select 'Disable' menu item	Verify that all selected events are disabled (disabled event icon is shown, state DISABLED is shown in Properties view, menu item 'Disable' is disabled and menu item 'Enable' is enabled	Pass								
7.6	Enable Event	1) Select multiple disabled events and click right mouse button 2) Select 'Enable' menu item	Verify that selected events are enabled (enabled event icon is shown, state ENABLED is shown in Properties view, menu item 'Disable' is enabled and menu item 'Enable' is disabled	Pass								
7.7	Enable Tracepoint Event using filter in tree (Bug 450526)	1) Create Session 2) Select session, right-mouse click and select 'Enable Events (default channel)' 3) Enter a filter (e.g. sched) for the tracepoint tree and then select All 4) Click on Ok	Verify that only the selected trace points (filtered) are enabled and not all UST trace poionts	Pass								
8	**UST Event Handling**											
8.1	Enable Event on session level (all tracepoints)	1) Select session and click right mouse button 2) Select menu item 'Enable Events (default channel)...' 3) Select 'UST' 4) Select Radio button for 'Tracepoint Events' 5) Select top level tree node 'All' 6) Click on Ok	Verify that default channel (channel0) is create under domain 'UST global' and that a wildcard event '*' is create under the channel with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=TRACEPOINT, State=ENABLED)	Pass								

8.2	Enable Event on domain level (wildcards)	1) Select domain 'UST global' and click right mouse button 2) Select menu item 'Enable Events (default channel)...' 3) Select Radio button for 'Wildcard' 4) Enter a wildcard (e.g. ust*) 5) Click on Ok	Verify that event with wildcarded name (e.g ust*) is added under the default channel (channel0) with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=TRACEPOINT, State=ENABLED)	Pass							
8.3	Enable Event on Channel level (log level)	1) Select a channel (create if necessary) and click right mouse button 2) Select menu item 'Enable Events...' 3) Select Radio button for 'Log Level' 4) Enter Event Name 'MyEvent' 5) Select log level TRACE_ERR 6) Select radio button for loglevel 7) Click on Ok	Verify that event with name 'MyEvent' is added under the respective channel with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=TRACEPOINT, State=ENABLED, Log Level=<=TRACE_ERR, Event Name=MyEvent)	Pass	Note: In LTTng backend v2.4 and later provide information if a loglevel is for a range (e.g. <= TRACE_ERR) This will be displayed by the properties view now						
8.4	Enable Event on Channel level (log level oly)	1) Select a channel (create if necessary) and click right mouse button 2) Select menu item 'Enable Events...' 3) Select Radio button for 'Log Level' 4) Enter Event Name 'MyOtherEvent' 5) Select log level TRACE_INFO 6) Select radio button for loglevel-olny 7) Click on Ok	Verify that event with name 'MyOtherEvent' is added under the respective channel with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=TRACEPOINT, State=ENABLED, Log Level= ==TRACE_INFO, Event Name=MyOtherEvent).	Pass	Note: In LTTng backend v2.4 and later provide information if a loglevel is for a single level (e.g. == TRACE_INFO) This will be displayed by the properties view now						
8.5	Enable/Disable Event	Redo tests 7.5 and 7.6 with UST events	See 7.5/7.6	Pass							
8.6	Enable Tracepoint Event using filter in tree (Bug 450526)	1) Create Session 2) Select session, right-mouse click and select 'Enable Events (default channel)' 3) Enter filter for the tracepoint tree and then select All 4) Click on Ok	Verify that only the selected trace points (filtered) are enabled and not all UST trace poionts	Pass							
9	**Contexts Handling**										
9.1	Add Context (to channel)	1) Select kernel channel and click right mouse button 2) Select menu item 'Add Contexts...' 3) Expand tree and select some contexts (e.g prio, procname, pid) 4) Click on 'Ok'	Verify that command is successful (no error). NOTE: There is no way to retrieve added contexts from the trace. Therefore GUI cannot display this information.	Pass			duplicated event, and gives a failure. Command to change state of events failed Command failed! Command: lttng --mi xml enable-event log -u -s MyOtherSession -c Grimace --tracepoint Error Ouptut: Error: Event log: UST event already enabled (channel Grimace, session MyOtherSession) Return Value: 55 <?xml version="1.0" encoding="UTF-8"?> <command><name>enable-event</name><output><events><event><name>log</name><type>TRACEPOINT</type><enabled>false</enabled><filter>false</filter><exclusion>false</exclusion><success>false</success></event></events></output><success>false</success></command>				
9.2	Add Context (to channel)	1) Select UST channel and click right mouse button 2) Select menu item 'Add Contexts...' 3) Expand tree and select contexts procname, pthread_id, vpid and vtid 4) Click on 'Ok'	Verify that command is successful (no error). NOTE 1: There is no way to retrieve added contexts from the trace. Therefore GUI cannot display this information. NOTE2: For UST only contexts procname, pthread_id, vpid and vtid are supported	Pass							
9.3	Add Context (to event)	1) Select 1 Kernel tracepoint event and click right mouse button 2) Select menu item 'Add Contexts...' 3) Expand tree and select some contexts (e.g prio, procname, pid) 4) Click on 'Ok' Note: only when using LTTng Tools 2.0.x - 2.1.x. For v2.2 or later this menu item has to be disabled	Verify that command is successful (no error). NOTE: There is no way to retrieve added contexts from the trace. Therefore GUI cannot display this information.	N/A	Per event adding of context is not supported by LTTng Tools anymore (starting from LTTng 2.2)						
10	**Enable Events (from Provider)**										
10.1	Enable Kernel Events	1) Create a new session 2) Select multiple Kernel Tracepoint events under Providers → Kernel 3) click right mouse button 4) select menu item 'Enable Event...' 5) Select newly created session 6) Select 'Ok'	Verify that domain 'Kernel' is created under the new session. Verify that default channel 'channel0' is created under the domain. Verify that selected events are added under the channel and are ENABLED.	Pass							
10.2	Enable UST Events	1) Make sure that UST application is running on remote host (see step 0) 2) Create a new session 3) Create a channel under domain 'UST global' 4) Select multiple UST Tracepoint events under Providers -> <UST Process> 5) click right mouse button 6) select menu item 'Enable Event...' 7) Select newly created session 8) Select newly created channel 9) Select 'Ok'	Verify that selected events are added under the selected channel and are ENABLED.	Pass							
11	**Importing to Project**										

11.1	Preparation	1) Create new session 2) Enable all Kernel Tracepoint events 3) Enable all Kernel sycalls 4) Enable all UST events 5) Start Tracing 6) Stop Tracing after a few seconds 7) Create new Tracing Project		Pass								
11.2	Import to project	1) Select session from 11.1 and click right mouse button 2) Select 'Import...' 3) Select Ok	After 2 verify that all traces are selected by default and also that the tracing project with name 'Remote' is selected. Verify that during import a progress dialog is opened to show the progress of the import operation. Verify that traces are imported to the project wiith name Remote and its Traces folder. Verify that for the kernel trace the trace type "LTTng Kernel Trace" is set and for the UST traces the trace type "LTTng UST Trace" is set. Create Experiment, select all traces and open Experiment. Make sure that all view are populated correctly in the LTTng Kernel Perspective.	Pass								
11.3	Import to project (Overwrite)	1) Repeat step 1 – 3 of test case 11.2 2) In dialog box select 'Overwrite existing traces without warning' 3) Select Ok	Verify that traces are imported and existing traces are overwritten	Pass								
11.4	Import to project (Rename)	1) Repeat step 1 – 3 of test case 11.2 2)Select Ok 3) For each trace a confirmation dialog will open: Select 'Rename' and change trace name 4) Select 'Ok'	Verify that traces are imported with a different name	Pass								
11.4	Import to project (Overwrite Confirmation)	1) Repeat step 1 – 3 of test case 11.2 2)Select Ok 3) For each trace a confirmation dialog will open: Select 'Overwrite' 4) Select 'Ok'	Verify that traces are imported and existing traces are overwritten	Pass								
12	**Refresh**											
12.1	Refresh	Press refresh button and context sensitive menu item for different selections	Verify that the Control View is refreshed.	Pass								
13	**Calibration**											
13.1	Preparation	1) Create new session 2) Enable all Kernel Tracepoint events 3) Enable all Kernel sycalls 4) Enable all UST events		Pass								
13.1	Calibrate	1) Start Tracing 2) Select Domain 'Kernel' and click right mouse button 3) Select menu item Calibrate 4) Redo step 2-3 with domain 'UST global' 5) Stop tracing	Verify that Calibrate command is executed without error. The test case is To Doed if no Error occurred. See also calibrate section in link below for a Use Case of that feature. http://lttng.org/files/doc/man-pages/man1/lttng.1.html	Pass								
14	**Event Filtering (LTTng 2.1)**											
14.1		For the tests below a Ubuntu machine with LTTng 2.1 installed (with lttng tools 2.1.x) is required. Either create a VM machine yourself (e.g. on Virtualbox) or install it locally on your native Ubuntu (if correct version). Make sure that the root session daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx)										
14.2	Preparation	1) Connect to remote host 2) Create new Session 'FilterSession'										
14.3	Enable UST Event on session level	1) Select session and click right mouse button 2) Select menu item 'Enable Events (default channel)...' 3) Select 'UST' 4) Select Radio button for 'Tracepoint Events' 5) Select one tracepoint 6) Enter filter expression on a event field 7) Click on 'Ok'	Verify that default channel (channel0) is create under domain 'UST global' and that the corresponding event is created under the channel with state ENABLED. Verify that Properties view shows correct values for this event (Event Type=TRACEPOINT, State=ENABLED, Filter=with filter)	Pass								
14.4	Enable UST Event from provider	1) Execute 14.3 2) Select one UST Tracepoint event under Providers -> <UST Process> 3) click right mouse button 4) select menu item 'Enable Event...' 5) Select newly create session and channel 6) Enter filter expression on a event field 7) Click on 'Ok'	Verify that selected event is added under the selected channel. Verify that Properties view shows correct values for this event (Event Type=TRACEPOINT, State=ENABLED, Filter=with filter)	Pass								
14.5	Create trace	1) Start Tracing 2) Stop Tracing after a view seconds 3) Import Trace to Project 4) Open Trace 5) Destroy Session	Make sure that only events are shown in the events table that met the condition in the filter expressions	Pass								
15	**Create Session With Advanced Options LTTng v2.1)**											

15.1		For the tests below a Ubuntu machine with LTTng 2.1 installed (with lttng tools 2.1.x) is required. Either create a VM machine yourself (e.g. on Virtualbox) or install it locally on your native Ubuntu (if correct version). Make sure that the root session daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx)										
15.2	Create Session Dialog - Advanced Button	1) Open Create Session Dialog box 2) Select "Advanced >>>" 3) Select "<<< Basic"	After 2) verify that advanced options are shown (e.g. Trace Path, Protocol, Address and Port) After 3) verify that advanced option are not shown and only basic options are there (Session Name and Session Path)	Pass								
15.3	Create Session Dialog - Check box "Use same protocol and address for data and control"	1) Open Create Session Dialog box and select "Advanced >>>" 2) Uncheck checkbox"Use same protocol and address for data and control" 3) Check checkbox "Use same protocol and address for data and control"	After 2) verify that data Protocol and data Address is enabled. Note that the ports cannot be configured for net and net6 when this button is unchecked. -> port text fields are disabled After 3) Verify that data Protocol and data Address are disabled	Pass								
15.4	Create Session Dialog - Protocol list	1) Open Create Session Dialog box and select "Advanced >>>"	Verify that the data protocol dropdown menu shows net, net6 and file	Pass								
15.5	Create Session Dialog - Protocol list 2	1) Open Create Session Dialog box and select "Advanced >>>" 2) Uncheck checkbox "Use same protocol and address for data and control"	After 2) verify that the data protocol dropdown menu shows net, net6, tcp and tcp6	Pass								
15.6	Create Session Dialog - Protocol propagation	1) Open Create Session Dialog box, select "Advanced >>>" 2) Select net6 for Control Protocol 3) Select file for Control Protocol	After 2) verify that net6 is propagated to the data protocol and and that the data and control port text fields are enabled After 3) verify that file is propagated to the data protocol and that the data and control port text fields are disabled.	Pass								
15.7	Create Session Dialog - Address propagation	1) Open Create Session Dialog box, select "Advanced >>>" 2) Enter IP address	After 2) verify that the IP address is propagated to the data address field	Pass								
15.8	Create Session Dialog - Protocol propagation 2	1) Open Create Session Dialog box and select "Advanced >>>" 2) Uncheck checkbox "Use same protocol and address for data and control" 3) Select tcp for control protocol and tcp6 for data protocol 4) Check checkbox "Use same protocol and address for data and control"	After 4) make sure that both data and control protocol show net	Pass								
15.9	Create trace with file protocol	1) Open Create Session Dialog box and select "Advanced >>>" 2) Enter session name, select file protocol and enter directory /tmp/testTraces/ in address field and press ok 3) Enable events, start tracing, wait for a few seconds, stop tracing 4) Import traces to a existing tracing project 5) Destroy session	Verify that the traces are stored on the remote host under /tmp/testTraces/<session name + date>/kernel and /tmp/testTraces/<session name + date>/ust/<application(s)> repectively. After 2) make sure that the Session Path in the Property View shows the URL with the configured parameters Verify that the remote import dialog box opens at step 4 (as described in test cases 11.x) and it is possible to transfer the traces to the tracing project.	Pass								
15.10	Create trace with file protocol and trace path	1) Open Create Session Dialog box and select "Advanced >>>" 2) Enter session name, select file protocol and enter directory /tmp/tmpTraces/ in address field, enter /newPath in "Trace Path" text field and press ok 3) Enable events, start tracing, wait for a few seconds, stop tracing 4) Import traces to a existing tracing project 5) Destroy session	Verify that the traces are stored on the remote host under /tmp/testTraces/newPath/kernel and /tmp/testTraces/newPath/ust/<application(s)> repectively. After 3) make sure that the Session Path in the Property View shows the URL with the configured parameters Verify that the remote import dialog box opens at step 4 (as described in test cases 11.x) and it is possible to transfer the traces to the tracing project.	Pass	After import the root directory is newPath. However I expected tmpTrace with sub-dir newPath. Needs to be investigated							
15.11	Create trace with net protocol	1) Start relayd on Eclipse local machine (default settings: lttng-relayd) 2) Open Create Session Dialog box and select "Advanced >>>" 3) Enter session name, select net protocol and enter IP address of Eclipse local machine in address field and press ok 4) Enable events, start tracing, wait for a few seconds, stop tracing 5) Import traces to a existing tracing project 6) Destroy session	Verify that the traces are stored on the Eclipse local machine under /home/<user name>/lttng-traces/<remote machine name>/<session name + date>/kernel and /home/<user name>/lttng-traces/<remote machine name>/<session name + date>/ust/<application(s)> repectively. After 3) make sure that the Session Path in the Property View shows the URL with the configured parameters After 5) Verify that dialog box for selecting a tracing project is openend that after selecting a project and pressing next the default trace import wizard opens. Then verify that it is possible to transfer the traces to the tracing project.	Pass								

15.12	Create trace with tcp protocol and port	1) Uncheck checkbox "Use same protocol and address for data and control" 2) Start relayd on Eclipse local machine with specified ports (lttng-relayd -C tcp://0.0.0.0:1234 -D tcp://0.0.0.0:5678) 3) Open Create Session Dialog box and select "Advanced >>>" 4) Enter session name, select tcp protocol and enter IP address of Eclipse local machine in address field, specify data and control ports and press ok 5) Enable events, start tracing, wait for a few seconds, stop tracing 6) Import traces to a existing tracing project 7) Destroy session	Verify that the traces are stored on the Eclipse local machine under /home/<user name>/lttng-traces/<remote machine name>/<session name + date>/kernel and /home/<user name>/lttng-traces/<remote machine name>/<session name + date>/ust/<application(s)> repectively. After 4) make sure that the Session Path in the Property View shows the URL with the configured parameters After 6) Verify that dialog box for selecting a tracing project is openend that after selecting a project and pressing next the default trace import wizard opens. Then verify that it is possible to transfer the traces to the tracing project.	Pass							
15.13	Live Streaming Session (UST) - Initial implementation	1) Start relayd on Eclipse local machine (default settings: lttng-relayd) 2) Select Live Mode 3) Open Create Session Dialog box and select "Advanced >>>" 4) Enter session name, select net protocol and enter IP address of Eclipse local machine in address field, keep defaults for Live Connection and Live Delay, and press ok 5) Enable UST events (per UID channel), start tracing, wait for a few seconds, stop tracing 6) Import traces to a existing tracing project 7) Destroy session	Verify that session is created successfully. Verify that after 6) the trace appears in the Traces directory of Remoter project. Verify that relevants views are updated when new data arrives	Pass	No way to specify destination in tracing project. No check for name collision of the trace name Not possible yet to trace per PID XML Analysis view cannot be opened						
15.14	Live Streaming Session (Kernel) - Inititial Implementation	1) Start relayd on Eclipse local machine (default settings: lttng-relayd) 2) Select Live Mode 3) Open Create Session Dialog box and select "Advanced >>>" 4) Enter session name, select net protocol and enter IP address of Eclipse local machine in address field, keep defaults for Live Connection and Live Delay, and press ok 5) Enable Kernel events, start tracing, wait for a few seconds, stop tracing 6) Import traces to a existing tracing project 7) Destroy session	Verify that session is created successfully. Verify that after 6) the trace appears in the Traces directory of Remoter project. Verify that relevants views are updated when new data arrives	Pass	Performance needs to be investigated.						
16	**Preferences**										
16.1	Open Preference Dialog	Open Preferences (Menu -> Preferences -> Tracing -> LTTng Tracer Control Preferences)	Verify that tracer control preferences exists and shows Tracing Group, Logging, Log File (always disabled), Append, Verbose Level (None, Level 1, Level2 Level 3)	Pass							
16.2	Enable Logging	In Tracer Control Prferences, check checkbox Logging	Verbose Level radio buttons will be enabled	Pass							
16.3	Disable Logging	In Tracer Control Prferences, uncheck checkbox Logging	Verbose Level radio buttons will be disabled	Pass							
16.4	Test Logging level none	Execute 16.2 and execute some commands (e.g. create session, enable event)	Make sure that log file is created and contains the executed commands and command replies	Pass							
16.5	Test Verbose Logging (Level 1)	1) Execute 16.2 2) select verbose level Level 1 3) Execute some commands (e.g. create session, enable event)	Make sure that log file contains the executed commands with -v option (e.g. lttng -v create session) and the command replies come with debug information	Pass	This makes no difference for Lttng 2.6 in mi mode						
16.6	Test Verbose Logging (Level 2)	1) Execute 16.2 2) select verbose level Level 2 3) Execute some commands (e.g. create session, enable event)	Make sure that log file contains the executed commands with -vv option (e.g. lttng -vv create session) and the command replies come with debug information	Pass	This makes no difference for Lttng 2.6 in mi mode						
16.7	Test Verbose Logging (Level 3)	1) Execute 16.2 2) select verbose level Level 3 3) Execute some commands (e.g. create session, enable event)	Make sure that log file contains the executed commands with -vvv option (e.g. lttng -vvv create session) and the command replies come with debug information	Pass	This makes no difference for Lttng 2.6 in mi mode						
16.8	Append Mode	Check checkbox Append, restart Eclipse and open Tracer Control Preferences	Verify that tracer control preferences are persisted and the log file is opened in append mode (old file is not overwritten)	Pass							
16.9	Change Tracing Group	Change Tracing group (e.g. tracing2) and execute a command (while logging enabled)	Verify that lttng command is executed with command line option -g <group>. Ignore any command reply errors (if any)	Pass	Incorrect command-line was build (Bug 459444)						
16.10	Change execution timeout	Change Execution Timeout	After verify that values smaller than 5 and bigger than 600 are rejected	Pass							
16.11	Reset	Reset to defaults	Verify: Group=tracing, Logging is deselected, Append is deselected, Verbose Level=None), and Command Timout is 15	Pass							
17	**Create Channel with advance features (LTTng 2.2 features)**										
17.1		For the tests below a Ubuntu machine with LTTng 2.1 installed (with lttng tools 2.1.x) is required. Either create a VM machine yourself (e.g. on Virtualbox) or install it locally on your native Ubuntu (if correct version). Make sure that the root session daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx).									
17.2	Configure Metadata channel (kernel)	1) Create and select session and click right mouse button 2) Select menu item 'Enable Channel...' 3) Select Checkbox 'Configure metadata channel' 4) Update all text boxes 5) Click on 'Ok'	Verify after 3) that 'Channel Name' is set to metadata and the correspondig textbox is disabled. Verify after 5) that metadata channel was created under the kernel domain. Also verify in the properties view that all parameters are set correctly when selecting the channel metadata.	Pass							

17.3	Configure Metadata channel (UST)	1) Re-do 17.2 with a UST channel	Verify after 3) that 'Channel Name' is set to metadata and the correspondig textbox is disabled. Verify after 5) that metadata channel was created under the domain UST global. Also verify in the properties view that all parameters are set correctly when selecting the channel metadata.	Pass	Command is successful. However tracer doesn't create metadata channel						
17.4	Configure File rotation (kernel)	1) Create and select session and click right mouse button 2) Select menu item 'Enable Channel...' 3) Fill in channel name 4) Fill in 1048576 in 'Maximum size of trace files' and also 'Sub Buffer Size' 5) Fill in 2 in 'Maximum number of trace filesfiles' 6) Click on 'Ok' 7) Enable all kernel events 8) Start, wait and stop tracing.	After 8) verify on the trace node that trace files are not bigger than 1048576 bytes	Pass	Kernel trace is generated corretly with LTTng 2.5.4						
17.5	Configure File rotation (ust)	1) Create and select session and click right mouse button 2) Select menu item 'Enable Channel...' 3) Fill in channel name 4) Select UST 5) Fill in 262144 in 'Maximum size of trace files' and also 'Sub Buffer Size' 6) Fill in 2 in 'Maximum number of trace filesfiles' 7) Click on 'Ok' 8) Enable all UST events 9) Start, wait and stop tracing.	After 9) verify on the trace node that trace files are not bigger than 262144 bytes	Pass							
17.6	Buffer Type - toggle UST/kernel	1) Create and select session and click right mouse button 2) Select menu item 'Enable Channel...' 3) Select UST 4) Select Kernel 5) Slect cancel	Verify after 2 and 4 that the radio buttons for the buffer type is disabled and the buffer type "Global shared buffers" is selected which is the value for the kernel tracer. Verify after 3) that the radio buttons are enabled an no buffer type is selected	Pass							
17.7	Default UST Buffer Type	1) Create and select session and click right mouse button 2) Select menu item 'Enable Channel...' 3) Select UST 4) Enter Channel Name 5) Select 'Ok'	Verify after 5) that the default buffer type is configured for that channel (see properties view). Note for LTTng Tools 2.2 the default is per-PID and for LTTng Tools 2.3 and later it is per-UID	Pass							
17.8	per PID UST Buffer Type	Prequisite: Multiple UST Applications need to run 1) Create and select session and click right mouse button 2) Select menu item 'Enable Channel...' 3) Select UST 4) Select 'Per PID buffers' 5) Enter Channel Name 6) Select 'Ok' 8) Enable all ust events 9) Start, wait and stop tracing. 10) Import trace	Verify after 6) that the per-pid buffer type is configured for that channel (see properties view). After 10) make sure that for each UST application one trace is created	Pass							
17.9	per UID UST Buffer Type	Prequisite: Multiple UST Applications need to run 1) Create and select session and click right mouse button 2) Select menu item 'Enable Channel...' 3) Select UST 4) Select 'Per UID buffers' 5) Enter Channel Name 6) Select 'Ok' 8) Enable all ust events 9) Start, wait and stop tracing. 10) Import trace	Verify after 6) that the per-pid buffer type is configured for that channel (see properties view). After 10) make sure that only one trace is created even multiple UST applications are running.	Pass	While doing this I found a few bugs but it ended up working. See https://bugs.eclipse.org/bugs/show_bug.cgi?id=469425 and https://bugs.eclipse.org/bugs/show_bug.cgi?id=469424						
18	**Snapshot Channel (LTTng 2.3 features)**										
	Preparation	Connect to a node with LTTng 2.3 installed									
18.1	Create Snapshot Session	1) Click right mouse button on 'Sessions' 2) Select 'Create Session...' in the context sensitive menu 3) Enter session name 'MySession', keep 'Session Path' empty 4) Select checkbox 'Snapshot Mode' 5) Select 'Ok'	Verify that new session is added under the Session tree node. Verify properties in Properties view (by selecting the session in the Control view): 'Session name' (=MySession) 'Snaphshot ID' (=1) 'Snapshot Name' (=snapshot-1) 'Session Path' (=/home/<user>/traces/MySession_<date and time>) and 'State' (=INACTIVE) Make sure that the button and menu item 'Record Snapshot' is disabled	Pass							
18.2	Enable Kernel Event	Enable all Kernel Tracepoint and syscall events	Verify that channel and events a successful enabled	Pass							
18.3	Start Session	a) Select session and click on button 'Start' b) Redo test with context sensitive menu item 'Start'	Verify that Session icon changes to 'ACTIVE' icon. Verify that property view shows 'ACTIVE' for the session state Make sure that the button and menu item 'Record Snapshot' is enabled. Also make sure that the Button and menu item 'Import' is enabled.	Pass							
18.4	Record snapshot	select session and record 2 snapshots: Once with button 'Record Snapshot' and once with context-sensitive menu item 'Record Snapshot'	Commands succeed without error	Pass							
18.5	Create another snapshot session	session name ustSession (as described in 18.1)	Make sure that snapshot session is created successfully	Pass							
18.6	Enable UST Events	Enable all UST events	Verify that channel and events a successful enabled	Pass							
18.7	Start UST session	see 18.3	see 18.3	Pass							

18.8	Record snapshot over multiple sessions	Select kernel and ust session (see 18.1 and 18.5) and click on 'Record snapshot' button	Command succeeds without error	Pass								
18.9	Import traces	Open Import dialog (see 11.2)	Verify that 4 snapshots are available (3 kernel and 1 UST). Verify that all snapshots are imported to the selected tracing project	Pass								
18.10	Stop and destroy sessions	Stop and destroy both sessions	Verify that sessions are destroy successfully	Pass								
18.11	Network snapshot session	1) Start relayd on Eclipse local machine (default settings: lttng-relayd) 2) Open Create Session Dialog box, select 'Snapshot Mode'and select "Advanced >>>" 3) Enter session name, select net protocol and enter IP address of Eclipse local machine in address field and press ok 4) Enable events (UST and Kernel), start tracing, and recored a few snapshots, stop tracing 5) Import traces to a existing tracing project 6) Destroy session	Make sure that all steps were successfull. Also, import the traces using the standard import instead of the remote import	Pass	lttng-consumerd crashed after a couple of snapshots but everything worked on Trace Compass side							
19	**Command Script**											
19.1	Execute command sript	Create a command script to create a session with kernel and ust events enabled.	Make sure that each command of script is executed and script execution is without errors	Pass								

	Section	Pass	Fail	To Do	Comment
	GDB Tracing	26	0	0	1
Target:	Ubuntu 15.04 64 bit				

Step	Test Case	Action	Verification		Comment
1	**Preparation**				
1.1	Step 1	Open and reset the GDB Trace perspective	GDB Trace perspective opens with correct views	Pass	
1.2	Step 2	Open Navigator View (used for independent verification)	Navigator View opens	Pass	
2	**Project Creation**				
2.1	New Project Wizard	Open New Tracing Project Wizard	Tracing Project Wizard opens	Pass	
2.2	Create project	Specify a project name and finish	Tracing project appears in Project Explorer	Pass	
2.3	Project structure	Close and open the new Tracing project	Project contains the Traces folder	Pass	
3	**Traces Folder**				
3.1	Traces Folder menu	Select the Traces folder and open its context menu	Correct menu opens (Open Trace, Import, New Folder, …)	Pass	
3.2	Trace Import Wizard	Select Import Trace	Trace Import Wizard appears	Pass	
3.3	Import traces	Select a GDB Trace from samples directory and finish	Imported traces appear in Folders with proper icon	Pass	
4	**Trace Configuration**				
4.1	Project/executable selection	Double-click on an un-configured trace	Verify that an Error Dialog opens that notfiies the user to select the trace executable	Pass	
4.2	Select Trace Executable	1) Right mouse click on trace 2) Select menu item "Select Trace Executable" 3) Fill in the proper values in dialog and finish	Trace is configured (4.3 is successful, when 4.2 was successful)	Pass	
4.3	Open configured trace	Double-click on a configured trace	Trace is opened, events table and views are populated	Pass	
5	**Source Code Lookup**				
5.1	Select event	With mouse select an event in events table	The corresponding source code location is selected in the source code file.	Pass	
5.2	Select another event	redo 5.1	The corresponding source code location is selected in the source code file.	Pass	
6	**Events Table Navigation**				
6.1	Arrow keys	Update the current event using up/down keys within window	Each keystroke modifies the selected event and the corresponding source code location is selected in the source code file.	Pass	
6.2	Scrolling	Update the current event using up/down keys outside windo	Table is refreshed to display new current event and the corresponding source code location is selected in the source code file	Pass	
6.3	PgUp/PgDn	Update the current event using PgUp/PgDn keys	Table is scrolled accordingly	Pass	
6.4	Home/End	Update the current event using Home/End keys	Table jumps from first to last event and the corresponding source code location is selected in the source code file	Pass	
7	**Events Searching & Filtering**				
7.1	Search	In the search bar, enter some RE	Events corresponding to the RE are highlighted	Pass	Color issues on GTK3, https://bugs.eclipse.org/bugs/show_bug.cgi?id=467933
7.2	Navigation	Navigate through highlighted events using Enter/Shift-Enter	Next/previous highlighted event selected accordingly	Pass	
7.3	Un-search	In the search bar, clear the RE	Events are displayed normally	Pass	
7.4	Filter	In the filter bar, enter some RE	Only events matching RE are displayed	Pass	
7.5	Un-filter	Ithe filter bar, clear the RE	Events are displayed normally	Pass	
7.6	Filter & Search	In the filter bar, enter some RE; likewise in the search bar	Events are filtered and highlighted accordingly	Pass	
7.7	Search & Filter	In the search bar, enter some RE; likewise in the filter bar	Events are filtered and highlighted accordingly	Pass	
8	**Events Synchronization**				
8.1	Synch from Events View	Click on an event in the Events View	Trace Control View is updated; Debug View is updated	Pass	
8.2	Synch from Trace Control	Go up/down from the Trace Control View	Events View is updated accordingly	Pass	

	Section	Pass	Fail	To Do	Comment
	Tracing RCP	**32**	**0**	**0**	**1**
Target:	Ubuntu 15.04				

Step	Test Case	Action	Verification		Comment
1	**Start RCP**				
1.1	Start Tracing RCP	Open RCP from command line or file explorer	Tracing RCP opens in default perspective	Pass	
1.2	Start Tracing RCP with text trace	Open RCP from command line with --open <trace name with absolut path>	Trace will be opened with auto-detected trace type	Pass	
1.3	Start Tracing RCP with previously opened text trace	Open RCP from command line with --open <trace name with absolut path>. Use same trace than 1.2	Verify that the same trace that was previously linked into the Traces folder is opened and not a new trace entry is created	Pass	
1.4	Start Tracing RCP with Kernel CTF trace	Open RCP from command line with --open <kernel trace name with absolut path>	Tracing RCP is opened, the trace is linked to the Tracing project, the kernel analysis trace type is selected and trace is opened.	Pass	The kernel trace opens in an editor but the editor of the first trace gets activated. Bug 443461.
1.5	Start Tracing RCP with previously opened Kernel CTF trace	Open RCP from command line with --open <kernel trace name with absolut path>. Use same trace than 1.4	Verify that the same trace that was previously linked into the Traces folder is opened and not a new trace entry is created	Pass	
1.6	Start Tracing RCP with new trace with name conflict	Open RCP from command line with --open <trace name with absolut path>, where the name of trace is the same than 1.2, but the trace is located at a different location on disk	Verify that a new trace is linked to the Tracing project and trace is opened. Verify that the new trace name has a integer number a suffix added.	Pass	
1.7	Re-do 1.6	Open RCP from command line with --open <kernel trace with absolut path>, where name of trace is the same than 1.4, but the trace is located at a different location on disk	Verify that a kernel trace is linked to the Tracing project, the kernel analysis trace type is selected and trace is opened. Verify that the new trace name has a integer number a suffix added.	Pass	
1.8	Start Tracing RCP with non-trace file	Open file that is not a trace	Trace is imported (linked) however default icon (from Eclipse) is set	Pass	
2	**File menu**				
2.1	Open Trace (File)	Use Menu "File -> Open Trace …" In the file dialog select a text trace and select open.	Trace will be opened with auto-detected trace type	Pass	
2.2	Open Trace (File) with previously opened text trace	Use Menu "File -> Open Trace…". In the file dialog select a text trace and select open. Use same trace than 2.1	Verify that the same trace that was previously linked into the Traces folder is opened and not a new trace entry is created	Pass	
2.3	Open Trace (Directory)	Use "Menu File -> Open Trace …" . In the file dialog select a file of Kernel CTF trace directory and select open.	Verify that the trace is linked to the Tracing project, the kernel analysis trace type is selected and trace is opened.	Pass	
2.4	Open Trace (Directory) with previously opened Kernel CTF trace	Use "Menu File -> Open Trace …" . In the file dialog select a file of Kernel CTF trace directory and select open. Use same trace than 2.3	Verify that the same trace that was previously linked into the Traces folder is opened and not a new trace entry is created	Pass	
2.5	Open Trace File with name conflict	Use Menu "File -> Open Trace …" In the file dialog select a text trace and select open, where the name of trace is the same than 2.1, but the trace is located at a different location on disk	Verify that the new trace is linked to the Tracing project and the trace is opened. Verify that the new trace name has a integer number a suffix added.	Pass	
2.6	Re-do 2.5	Use "Menu File -> Open Trace …" . In the file dialog select a file of Kernel CTF trace directory and select open, where the name of trace is the same than 2.3, but the trace is located at a different location on disk	Verify that the kernel trace is linked to the Tracing project, the kernel analysis trace type is selected and trace is opened. Verify that the new trace name has a integer number a suffix added.	Pass	
2.7	Open file	Open file that is not a trace	Trace is imported (linked) however default icon (from Eclipse) is set	Pass	
2.8	Restart	Use Menu File -> Restart	Verify that RCP is restarted with the previously open perspective and trace	Pass	
2.9	Exit	Use Menu File -> Exit	Tracing RCP exits	Pass	
3	**Window Menu**				
3.1	Open Perspective	Use Menu Window -> Show Perspective -> Tracing Perspective	Tracing perspective is opened	Pass	

3.2	Open View	Use Menu Window -> Show View -> Select Tracing -> Sequence Diagram	Sequence diagram view is shown	Pass	
3.3	Preferences	Use Menu -> Preferences	Preferences dialog is shown	Pass	
3.4	Save Perspective As	Make changes of perspective by moving views and use menu Window -> Save Perspective As. Enter a perspective name and select Ok	Perspective with new name is stored	Pass	
3.5	Reset Perspective	Make changes of perspective by moving views and use menu Window -> Reset Perspective.	After confirming the reset operation the perspective is reset to the default layout.	Pass	
4	**Help Menu**				
4.1	Help Contents	Use Menu -> Help -> Help Contents	Help content browser is opened. All Tracing related help is included	Pass	
4.2	Help Contents (shortcut)	Use key F1	Help content browser is opened. All Tracing related help is included	Pass	
4.2	Install new Software	Use Menu -> Help -> Install New Software… to install new Eclipse feature	Installation is successful	Pass	
4.4	About	Use Menu -> Help -> About	About dialog is opened all relevent information (e.g. version, copyright years etc) is up-to-date and correct.	Pass	
4.5	Version + Copyright	Use Menu -> Help -> About -> Installation details	Go over all tracing features and plug-ins and verify that all have the correct version and copyright years	Pass	
5	**Content**				
5.1	TMF presence	Open Tracing perspective	Tracing perspective opens	Pass	
5.2	LTTng presence	Open LTTng Kernel perspective	LTTng Kernel perspective opens	Pass	
5.3	PCAP Network analysis presence	Open Network analysis perspective	Network analysis perspectiv opens	Pass	
5.4	BTF presence	Open BTF trace	BTF trace opens correctly	Pass	
6	**Upgrade**				
6.1	Upgrade from previous release	Use Help -> Check For Updates	RCP is upgraded	Pass	

	Section	Pass	Fail	To Do	Comment
	LTTng 2.0 - Memory Analysis	16	4	0	6
Target:					

Step	Test Case	Action	Verification		Comment
0	**Prerequisites**				
0.1	Download traces	Download UST trace with memory events from http://secretaire.dorsal.polymtl.ca/~gbastien/traces/eclipse_mem_ust.tar.gz			
0.2	Import trace with memory event	Import the LTTng UST trace downloaded above in Tracing project			
0.3	Import trace without memory event	Import one of the LTTng UST trace that does not contain the memory events, for example, the one used for the callstack view			
0.4	Import non-UST trace	Import one LTTng Kernel trace			
1	**Project View**				
1.1	Check analysis can execute	In the project explorer, expand the trace that contains the memory events	"Ust Memory" analysis is present and "normal"	Pass	
1.2	Verify help message when applicable	In the project explorer, open and expand the trace that contains the memory events, right-click the memory analysis and select Help	A generic help message appears with the name of the analysis.	Pass	
1.3	Check analysis cannot execute	In the project explorer, expand the UST trace that does not contain memory events	"Ust Memory" analysis is present, but striked-out	Pass	
1.4	Verify help message when not applicable	In the project explorer, open and expand the UST trace that does not contain memory events, right-click the memory analysis and select Help	The help message mentions the analysis is impossible to execute and contains the requirement that is not fulfilled	Pass	
1.5	Check analysis for another trace type	In the project explorer, expand a LTTng Kernel trace	"Ust Memory" analysis is not present	Pass	
2	**View Management**				
2.1	Populate analysis's view	Open the UST trace with memory events and expand the "UST Memory" analysis in the project explorer	"Ust Memory Usage" View appears under the analysis	Pass	
2.2	Open view	Double-click the UST Memory View under the memory analysis	The UST Memory Usage view opens and triggers the memory analysis. After the analysis, the XY chart is populated	Pass	
2.3	Close trace	Close the trace	The UST Memory Usage view is emptied.	Fail	Axises need to be cleared https://bugs.eclipse.org/bugs/show_bug.cgi?id=469644
2.4	Open trace	With the view already opened, open the trace	The UST Memory Usage view is populated.	Pass	
2.5	Close view	Close the UST Memory Usage view	The view is closed.	Pass	
2.6	Re-open view	Double-click the UST Memory Usage view under the memory analysis in project explorer.	The view opens and is automatically populated.	Pass	
3	**Mouse handling**				
3.1	Drag move time range	Drag move xy chart left and right with middle button	Time range is dragged. When mouse button is released, the view refreshes with the new time range	Pass	But while dragging, nothing visible happen
3.2	Zoom time range (mouse wheel)	Zoom with mouse wheel up and down, cursor inside xy chart	Time range is zoomed in and out, relative to mouse cursor. When mouse wheel is stopped for a short time, series are updated and new time range is propagated to other views.	Pass	

3.3	Drag select time range	Drag select time graph with right button	Selection highlighted. When mouse button is released, time range is zoomed to selection, series are updated and new time range is propagated to other views.	Pass	
3.4	Mouse hover	Hover mouse in xy chart anywhere	Tool tip shows values for each thread at the given timestamp	Pass	
3.5	Drag mouse selection	Drag select xy chart with left button	Selection highlighted. Status bar of Eclipse is updated with time information: T, T1, T2 and delta, where T is the time of the mouse position, T1 the left most selected time, T2 the right most selected time and delta the time difference between T2-T1	Fail	Status bar is not updated
3.6	Shift key selection	Click select with left button (begin time), press shift key and click select another time (end time)	Selection highlighted. Status bar of Eclipse is updated with time information: T, T1, T2 and delta, where T is the time of the mouse position, T1 the left most selected time, T2 the right most selected time and delta the time difference between T2-T1	Fail	Second click-select just select the timestamp, no range
4	**Synchronization**				
	Preparation	Have the Histogram and UST Memory Usage views both visible			
4.1	Time synchronization	Select a random time in another view	Selected time line is updated. If selected time is outside current range, time range is updated to include it.	Pass	Clicking outside range does not work
4.2	Time range synchronization	Select a new time range in UST Memory Usage view or in Histogram view.	Time range is updated.	Pass	
4.3	Time range selection synchronisation	In any other view that supports range synchronization, select a new range.	Selection is highlighted. If begin time (T1) of selected time range is outside the current range, then time range is updated to include it	Fail	View does not include T1 outside current range

	Section	Pass	Fail	To Do	Comment
	LTTng 2.0 - CPU Analysis	21	4	0	7
Target:					

Step	Test Case	Action	Verification		Comment
0	**Prerequisites**				
0.1	Import traces	Import LTTng Kernel traces in Tracing project			
1	**Project View**				
1.1	Check analysis can execute	In the project explorer, expand a LTTng Kernel trace	"CPU usage" analysis is present and "normal"	Pass	
1.2	Verify help message when applicable	In the project explorer, open and expand the LTTng kernel trace, right-click the CPU usage analysis and select Help	A generic help message appears with the name of the analysis	Pass	
1.5	Check analysis for another trace type	In the project explorer, expand a non-LTTng Kernel trace	"CPU usage" analysis is not present	Pass	
2	**View Management**				
2.1	Populate analysis's view	Open an LTTng kernel trace and expand the "CPU usage" analysis in the project explorer	"CPU Usage" View appears under the analysis	Pass	
2.2	Open view	Double-click the CPU usage View under the CPU usage analysis	The CPU usage Usage view opens and triggers the cpu analysis. After the analysis, both tree viewer and xy charts are populated.	Pass	
2.3	Close trace	Close the trace	The CPU Usage view is emptied.	Fail	axises need to be reset https://bugs.eclipse.org/bugs/show_bug.cgi?id=469644
2.4	Open trace	With the view already opened, open the trace	The CPU Usage view is populated.	Pass	
2.5	Close view	Close the CPU Usage view	The view is closed.	Pass	
2.6	Re-open view	Double-click the CPU Usage view under the CPU usage analysis in project explorer.	The view opens and is automatically populated.	Pass	
3	**View selection**				
3.1	Select an entry	Select an entry in the tree viewer section	A new series is added to the xy chart, corresponding to the selected TID	Pass	
3.2	Select another entry	Select another entry from the tree viewer	A new series is added to the xy chart, and the previous TID's series is not displayed anymore	Pass	
4	**Mouse handling**				
4.1	Drag move time range	Drag move xy chart left and right with middle button	Time range is dragged. When mouse button is released, series are updated and new time range is propagated to other views.	Pass	But while dragging, nothing visible happens
4.2	Zoom time range (mouse wheel)	Zoom with mouse wheel up and down, cursor inside xy chart	Time range is zoomed in and out, relative to mouse cursor. When mouse wheel is stopped for a short time, series are updated and new time range is propagated to other views, including the tree viewer beside the chart. The selected process remains the same.	Pass	
4.3	Mouse vertical scroll	Scroll with mouse wheel up and down, cursor outside xy chart	Table scroll up and down. Selected process does not change. Vertical scroll bar updated.	Pass	
4.4	Vertical scroll bar	Click and drag vertical scroll bar	Tree viewer scrolls up and down. Selected process does not change.	Pass	
4.5	Drag select time range	Drag select time graph with right button in xy chart	Selection highlighted. When mouse button is released, time range is zoomed to selection, series are updated and new time range is propagated to other views. Selected process remains the same.	Pass	
4.6	Mouse hover	Hover mouse in xy chart region anywhere	Tool tip shows the total and selected process (if any) cpu usage at the time	Pass	It would be nice to display the process name i It would also be nice to crop the percentage
4.7	Drag mouse selection	Drag select xy chart with left button	Selection highlighted. Status bar of Eclipse is updated with time information: T, T1, T2 and delta, where T is the time of the mouse position, T1 the left most selected time, T2 the right most selected time and delta the time difference between T2-T1	Fail	Status bar is not updated
4.8	Shift key selection	Click select with left button (begin time), press shift key and click select another time (end time)	Selection highlighted. Status bar of Eclipse is updated with time information: T, T1, T2 and delta, where T is the time of the mouse position, T1 the left most selected time, T2 the right most selected time and delta the time difference between T2-T1	Fail	Shift key does not work in xy chart and status bar not updated

4.9	Sort columns	Click on column headers once then twice	Entries are sorted in ascending then descending order on the column value. Selected process does not change.	Pass				
5	**Keyboard handling**							
5.1	Keyboard navigation in tree viewer	With focus on table, use UP, DOWN, HOME, END keys	Selected process is changed. xy chart selection is updated. Vertical scroll bar updated.	Pass				
6	**Synchronization**							
6.1	Time synchronization	Select a random time in another view	Selected time line is updated. If selected time is outside current range, time range is updated to include it.	Pass	No update if selected time outside current range			
6.2	Time range synchronization	Select a new time range in CPU usage view or in Histogram view.	Time range is updated.	Pass				
6.3	Time range selection synchronisation	In any other view that supports range synchronization, select a new range.	Selection is highlighted. If begin time (T1) of selected time range is outside the current range, then time range is updated to include it	Pass	xy chart range does not include T1 ouside current range			
	CPU usage works with experiments			Fail				

	Section	Pass	Fail	To Do	Comment
	Trace Synchronization	12	1	0	2
Target:					

Step	Test Case	Action	Verification		Comment
0	**Prerequisites**				
0.1	Import traces	Import the scp_dest and scp_src traces in the synctraces.tar.gz file			
0.2	Create experiment 1	Create an experiment containing those 2 traces			
0.3	Create experiment 2	Create an experiment with any other trace			
1	**View Management**				
1.1	Open Synchronization View	Use menu Window → Show View → Other ... → Tracing → Synchronization	Verify that 'Synchronization' view is shown	Pass	This view should be in properties
1.2	Delete view	Close the Synchronization View	Synchronization' view is removed from perspective	Pass	The view also makes no sense to mere mortals.
1.3	Open view	Use menu Window → Show View → Other ... → Tracing → Synchronization	Synchronization' view is displayed and remains empty	Pass	
1.4	Open Experiment	Open the experiment containing the 2 synchronizable traces	Verify that the view is still empty	Pass	
1.5	Synchronize experiment	Right-click on the experiment and select 'Synchronize experiment'	After a time, the view is populated with synchronization result that say 'accurate'. And one of the original traces has been replace by a trace with the same name, but with an '_' at the end.	Pass	
1.6	Open view when trace is already loaded	1) Close Synchronization View 2) Load LTTng experiment 3) Open 'Synchronization' view	Verify that view is populated with synchronization data from currently opened experiment	Pass	
1.6.5	Synchronize experiment with constant offset	Try to offset a trace by a second	Visually verify that a synchronized trace is now offsetted	Pass	
1.7	Open trace	Open an Lttng Kernel trace	Synchronization view is empty	Pass	
1.8	Re-open experiment	Open the experiment containing the 2 synchronized traces	View shows synchronization data from the experiment	Pass	
1.9	Restart	Restart Eclipse	Verify that view is populated with synchronization data from experiment	Pass	
2	**Functionnalities**				
2.1	Open experiment 2	Open the experiment containing traces that do not synchronize	Verify that the 'Synchronization' view is empty	Pass	
2.2	Go back to previous experiment	Re-open the experiment with the synchronizable traces	Verify that the 'Synchronization' view contains the data from the experiment	Pass	
2.3	Synchronize experiment	Right-click on the experiment and select 'Synchronize traces'	After a time, the view is populated and the synchronization quality says 'Absent'	Fail	Absent is not displayed

	Section	Pass	Fail	To Do	Comment
	XML analysis	37	2	0	4
Target:					

Step	Test Case	Action	Verification		Comment
0	**Prerequisites**				
0.1	Import traces	Import LTTng kernel traces			
0.2	Get a test XML file	Download the test XML file here: http://secretaire.dorsal.polymtl.ca/~gbastien/Xml4Traces/Kernel.Linux.xml			
0.3	Make sure the XML file does not exists in the project	The XML files are located in <workspace directory>/.metadata/.plugins/org.eclipse.tracecompass.tmf.analysis.xml.core/xml_files. Delete the linux kernel XML file if it exists.			
1	**XML file import**				
1.1	Verify analysis not present	In the project Explorer, expand any LTTng kernel trace	Verify that there is no 'Xml kernel State System' analysis	Pass	
1.2	Import XML file	Right-click the Traces folder, select Import XML analysis and select the Kernel.Linux.xml file	Verify that the 'Xml kernel State System' analysis is now present under a LTTng kernel trace	Pass	
2	**View management**				
2.1	Populate the views	Open an LTTng kernel trace	The 'Xml kernel State System' analysis should have a + next to it, expand it and there should be 2 views under it: 'Xml Control Flow View' and 'Xml Resources View'	Pass	
2.2	Open the 'Xml Control Flow View'	Double-click the 'Xml Control Flow View' under the analysis	A view titled 'Xml Control Flow View' should open and it should look quite similar to the Control Flow View	Fail	there are entries such as Unknown display quark for xxxx
2.3	Open another XML view	Double-click the 'Xml Resources View' under the analysis	The new view replaces the 'Xml Control Flow View' and the title changes to 'Xml Resources View'. This view is quite similar to the Resources view's CPU entries.	Pass	After opening the resources view and going back to the Control Flow view the legend shows an extra entry (for value 4). This is due to a concorrency bug.
2.4	Close view	Close the XML view	The view is closed	Pass	
2.5	Open view when trace is already loaded	Double-click one of the views under the analysis	The view opens with the correct title and is correctly populated.	Pass	
2.6	Close traces	Close all opened traces	The view is emptied.	Pass	
2.7	Open trace	Open an LTTng Kernel trace	The view is populated	Pass	
2.8	Open another trace	Open a non-LTTng Kernel trace	The view is emptied.	Pass	
2.9	Open LTTng Kernel trace	Open an LTTng Kernel trace	The view is populated.	Pass	
3	**View selection**				
3.1	Select an entry in the table	Select an entry in the table	Same entry is highlighted in time graph.	Pass	
3.1	Select entry in time graph	Select an entry in the time graph (empty region)	Same entry is highlighted in table. Selected time line is updated. Other views are synchronized to selected time.	Pass	
2.3	Select state in time graph	Select a state in the time graph	Same entry is highlighted in table. State is highlighted in time graph. Selected time line is updated. Other views are synchronized to selected time.	Pass	
4	**Mouse handling**				
4.1	Drag move time range	Drag move time graph left and right with middle button	Time range is dragged. When mouse button is released, states are updated and new time range is propagated to other views.	Pass	
4.2	Zoom time range (mouse wheel)	Zoom with mouse wheel up and down, cursor inside time graph	Time range is zoomed in and out, relative to mouse cursor. When mouse wheel is stopped for a short time, states are updated and new time range is propagated to other views.	Pass	
4.3	Zoom time range (mouse drag)	Drag in time graph scale left and right with left button	Time range is zoomed in and out. When mouse button is released, states are updated and new time range is propagated to other views.	Pass	

4.4	Mouse vertical scroll	Scroll with mouse wheel up and down, cursor outside time graph	Table and time graph scroll up and down and remain aligned. Selected entry does not change. Vertical scroll bar updated.	Pass			
4.5	Vertical scroll bar	Click and drag vertical scroll bar	Table and time graph scroll up and down and remain aligned. Selected entry does not change.	Pass			
4.6	Drag select time range	Drag select time graph with right button	Selection highlighted. When mouse button is released, time range is zoomed to selection, states are updated and new time range is propagated to other views.	Pass			
4.7	Double-click reset time range	Double-click left button on time scale	Time range is reset to full range, states are updated and new time range is propagated to other views.	Pass			
4.8	Mouse hover (empty region)	Hover mouse in time graph over empty region	Tool tip shows entry name only.	Pass			
4.9	Mouse hover (state)	Hover mouse in time graph over state	Tool tip shows entry name, state name, date, start time, end time, duration.	Pass			
4.10	Drag mouse seleection	Drag select time graph with left button	Selection highlighted. Status bar of Eclipse is updated with time information: T, T1, T2 and delta, where T is the time of the mouse position, T1 the left most selected time, T2 the right most selected time and delta the time difference between T2-T1	Pass			
4.11	Shift key selection	Click select with left button (begin time), press shift key and click select another time (end time)	Selection highlighted. Status bar of Eclipse is updated with time information: T, T1, T2 and delta, where T is the time of the mouse position, T1 the left most selected time, T2 the right most selected time and delta the time difference between T2-T1	Pass			
5	**Keyboard handling**						
5.1	Keyboard navigation in table (entry selection)	With focus on table, use UP, DOWN, HOME, END keys	Selected process is changed. Time graph selection is updated. Vertical scroll bar updated.	Pass			
5.2	Keyboard navigation in table (tree expansion)	With focus on table, in Windows use LEFT, RIGHT keys while parent or child process is selected in Linux use SHIFT LEFT, RIGHT keys while parent or child process is selected	For parent process, tree is expanded or collapsed. Time graph item expansion is updated. Vertical scroll bar updated. For child process, left changes selection to parent, time graph selection is updated. Vertical scroll bar updated.	Pass			
5.4	Keyboard navigation in time graph (process selection)	With focus on time graph, use UP, DOWN, HOME, END keys	Selected process is changed. Table selection is updated. Vertical scroll bar updated.	Pass			
5.4	Keyboard navigation in time graph (state selection)	With focus on time graph, use LEFT, RIGHT keys	Previous or next state is selected. Selected time is updated in other views.	Pass			
6	**Tool bar handling**						
6.1	Show Legend	Click Show Legend button	The legend dialog is opened and can be closed.	Fail	Not all displayed colors are in the legend		
6.2	Reset Time Scale	Click Reset Time Scale button	Time range is reset to full range, states are updated and new time range is propagated to other views.	Pass			
6.3	Select Previous/Next Event	Click Previous/Next Event button	Previous or next state is selected. Selected time is updated in other views.	Pass			
6.4	Select Previous/Next Process	Click Previous/Next Process button	Selected process is changed in table and time graph. Vertical scroll bar updated.	Pass			
6.5	Zoom In/Out	Click Zoom In/Out button	Time range is zoomed in and out, relative to center of time range. States are updated and new time range is propagated to other views.	Pass			

6.6	Filter Dialog	Open Filter Dialog	Verify that all buttons are working correctly	Pass	More filter buttons are available in cfv		
6.7	Filter Processes	1) Open Filter Dialog 2) Deselect several processes 3) Press Ok	Verify that only selected entries are displayed in the view	Pass			
7	**Synchronization**						
7.1	Time synchronization	Select a random time in another view	Selected time line is updated. If selected time is outside current range, time range is updated to include it.	Pass			
7.2	Time range synchronization	Select a new time range in Resources view or in Histogram view.	Time range is updated.	Pass			
7.3	Time range selection synchronisation	In any other view that supports range synchronization, select a new range.	Selection is highlighted. If begin time (T1) of selected time range is outside the current range, then time range is updated to include it	Pass	With T1 outside current range, the time range is not updated to include it.		

	Section	Pass	Fail	To Do	Comment
	Network Trace analysis	11	0	0	0
Target:					

Step	Test Case	Action	Verification		Comment
0	**Prerequisites**				
0.1	Import traces	Import the trace linked here			
1	**Trace Import**				
1.1	Open the Network Tracing perspective	In the project Explorer, expand any LTTng kernel trace	Verify that the events view, the properties and stream list are displayed	Pass	
1.2	Open trace	Double-click on the "TeamSpeak2.pcap" trace	The trace is given a "network" icon. When openned, the events view and histogram view is opened	Pass	
2	**View management**				
2.1	Populate the views	Open the "TeamSpeak2.pcap"	The views are updated	Pass	
2.2	Look up stream	Open the Stream list	One stream is available with endpoint A being fe:ff:ff:ff:ff:ff	Pass	
2.3	Close the trace	The stream list is emptied		Pass	
2.4	Close view	Close the view	The view is closed	Pass	
2.5	Open view when trace is already loaded	Re-open the trace. Open The Stream List	The view opens with the correct title and is correctly populated.	Pass	
2.6	Open a non pcap trace	The stream list is emptied		Pass	
3	**Stream List**				
3.1	Re-open trace	Ensure only "TeamSpeak2.pcap" is opened	The trace is opened	Pass	
3.1	Create a filter from the stream list	Right click on stream 0, and select "create filter"	A filter named "FILTER stream eth 00:0c:29..." is created	Pass	
3.2	Apply filter	In the events table, right click on an event and select "Apply preset filter->00:0c:29..."	24/24 events pass the filter	Pass	

	Section	# Bug Reports	# Open	# Fixed
	Bug Reports	15	14	1

Test Case	Bug Title	Bug Report	Status
Sequence Diagram 5.23	[TMF] Sequence Diagram Overview feature not working well on recent platform versions	https://bugs.eclipse.org/bugs/show_bug.cgi?id=436442	Open
LTTng 2 - Memory Analysis 3.5, 3.6, CPU Analysis 4.7, 4.8	[TMF] Status bar is not updated when selecting time range in XY charts	https://bugs.eclipse.org/bugs/show_bug.cgi?id=436853	Open
LTTng 2 - Memory Analysis 4.1, CPU Analysis 6.1	[TMF] Time selection outside current range should update current range in xy charts	https://bugs.eclipse.org/bugs/show_bug.cgi?id=436861	Open
LTTng 2 - Memory Analysis 4.3, CPU Analysis 6.3, XmlAnalysis 7.3	[TMF] Time range selection outside current range should update current range in time graph views	https://bugs.eclipse.org/bugs/show_bug.cgi?id=436855	Open
RCP 1.4	[lttng rcp] Opening a second trace with --open activates the wrong editor	https://bugs.eclipse.org/bugs/show_bug.cgi?id=443461	Open
Project View 6.5	[TMF] Original experiment reappears after rename and copy	https://bugs.eclipse.org/bugs/show_bug.cgi?id=436888	Open
Sequence Diagram 3.1	Sequence diagram interaction tooltip is hard to read on Ubuntu	https://bugs.eclipse.org/bugs/show_bug.cgi?id=455523	Open
Sequence Diagram 5.24	Button gets disabled in print dialog of sequence diagram after clicking on it	https://bugs.eclipse.org/bugs/show_bug.cgi?id=455546	Open
Time Chart 5.6	Bookmark is not removed right away, only when the view is refreshed.	https://bugs.eclipse.org/bugs/show_bug.cgi?id=436323	Open
Histogram View 3.7, 4.5	[TMF] Selection not updated in Histogram view when using right arrow key	https://bugs.eclipse.org/bugs/show_bug.cgi?id=468074	Open
GDBTracing 7.1	[GTK][GTK 3.14] Search highlights are not drawn	https://bugs.eclipse.org/bugs/show_bug.cgi?id=467933	Open
Control view 17.9	NPE trying to destroy a session	https://bugs.eclipse.org/bugs/show_bug.cgi?id=469424	Open
Control view 17.9	SWTException widget is disposed trying to import trace from Control view	https://bugs.eclipse.org/bugs/show_bug.cgi?id=469425	Open
Remote Fetch 9.2	No password prompt when connecting with a remote profile	https://bugs.eclipse.org/bugs/show_bug.cgi?id=469436	Fixed
CPU Usage 2.3, Memory Analysis 2.3	Common X time axises not cleared when trace is close	https://bugs.eclipse.org/bugs/show_bug.cgi?id=469644	Open