1.2.0-TraceCompassTestCases - Summary

Version:	TraceCompass-1.2.0						
Date:	2015/10/02						
Section	Content	To do	Pass	Fail	Total	Comments	SWTBot
1	Integration	0	29	0	29		0
2	Junit Tests	0	18	0	18		18
3	TMF - Project View	0	144	0	144	With comments	19
4	TMF - EventsEditor	0	25	0	25	With comments	8
5	TMF - BookmarksView	0	17	0	17	With comments	2
6	TMF - Filters View	0	12	0	12	With comments	12
7	TMF - Colors View	0	6	0	6	With comments	6
8	TMF - Histogram View	0	50	0	50	With comments	2
9	TMF - Sequence Diagram	0	36	1	37	With comments	2
10	TMF - Statistics View	0	17	0	17	With comments	2
11	TMF - Time Chart View	0	26	0	26		1
12	TMF - Custom Parsers	0	28	0	28	With comments	5
13	TMF - State System Explorer	0	14	0	14		0
14	TMF - Call Stack View	0	22	0	22	With comments	10
15	TMF - Remote Fetching	0	52	0	52		15
16	LTTng 2.0 - Control Flow View	0	51	0	51	With comments	5
17	LTTng 2.0 - Resources View	0	39	1	40	With comments	3
18	LTTng 2.0 - Control View	0	119	4	123	With comments	13
19	GDB Tracing	0	26	0	26		0

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20	Tracing RCP	0	33	0	33		0
21	LTTng 2.0 - Memory Analysis	0	18	2	20	With comments	2
22	LTTng 2.0 - CPU Analysis	0	23	2	25	With comments	0
23	Trace Synchronization	0	12	1	13	With comments	0
24	XML analysis	0	39	0	39	With comments	0
25	Network Trace analysis	0	11	0	11		3
	Total:	0	867	11	878		128
		Open	Fixed	Total			
	Bug Reports	15	2	17			

1.2.0-TraceCompassTestCases - Integration

#	Section	Pass	Fail		To Do	Comment
	Integration	29	0	0	0	1
Target				-	-	
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	
1.6	Mars Update Site	Go to Help -> Install New Software> Update site "Mars - http://download.eclipse.org/releases/maintenance"	Verify that all LTTng Kernel, LTTng UST and GDB Trace are available	е	Pass	update site wasn't available anymore at the time of testing
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/maintenance"	Verify that all LTTng Kernel, LTTng UST and GDB Trace are available	e	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/maintenance"	Verify that all LTTng Kernel, LTTng UST and GDB Trace are available	е	Pass	
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/maintenance"	Verify that all LTTng Kernel, LTTng UST and GDB Trace are available	e	Pass	
5	Verify Update Site					
5.1	Mars Update Site	Download Eclipse standard and install LTTng Kernel, LTTng UST, GDBTrace and PCAP Network Analysis from main Mars testing Update site "Mars - http://download.eclipse.org/releases/maintenance"	Verify that installation was successful		Pass	
		Download Eclipse standard and install LTTng Kernel, LTTng Control, LTTng UST, GDBTrace and PCAP Network Analysis from the Linux Tools Update site				
5.2	Trace Compass Update Site	http://download.eclipse.org/tracecompass/mars/milestones	Verify that installation was successful		Pass	

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5.3	Upgrade using Mars Update Site	Download Eclipse standard from Mars SR1 and install LTTng, LTTng Kernel, GDBTrace and PCAP Network Analysis from main Mars Update site. http://download.eclipse.org/releases/mars Try to update the installation using the testing Mars update site. Mars - http://download.eclipse.org/releases/maintenance	Verify that installation was successful		Pass	
5.4	Upgrade using Trace Compass Update Site	Download Eclipse standard from Mars SR1 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/1.1.0/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	
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/maintenance" The information about the update sites to use is usually posted on epp-dev			Pass	
ر.ر	Oprague Ironi previous EFF	The information about the update sites to use is usually posted on epp-dev	verily that installation was successful		F 033	
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	N/A	

1.2.0-TraceCompassTestCases - JUnits

	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		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	, ,	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 Plugin	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	

1.2.0-TraceCompassTestCases - EventsEditor

	Section	Pass	Fail	Туре	To Do	Comment
	TMF - EventsEditor	25	0	8	0	1
Target:						
Step	Test Case	Action	Verification			Comment
1	Preparation			SI-ITO I		
1.1	Preparation step 1	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views.	SWTBot	Pass	
2	Trace bookmarks	Moved to sheet "BookmarksVIew"				
3	Experiment bookmarks	Moved to sheet "BookmarksVIew"				
4	Filter					
-			Only events matching regex are displayed. Top and			
			bottom filter status rows update while filtering is			
4.4	Filter	In the filter bar, enter some regex	ongoing. When filtering is done, status rows show number of matching events.	Manual	Pass	
		_	Only some events matching regex are displayed. Status			
4.4	Cancel filter	In the filter bar, enter some regex, then quickly press ESC before filtering is done	rows show partial number of matching events, with different 'stop' icon.	Manual	Pass	
	Currect rices	In the filter bar, clear the regex, or press DEL while table has	All events are displayed. Selected event remains	Manage	1 433	
4.5	Un-filter	focus	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					
			Other views are synchronized to the selected event's			
5.1	Mouse synchronization	Select any event in the table with the mouse button	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	
		In the search bar, enter some regex, then search again with	Other views are synchronized to the selected event's			
5.3	Search synchronization	Enter/Shift-Enter	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	
		Select an event with left button, press shift key and click select				
5.5	Range selection	another event	updated in other views that support range selection	Manual	Pass	
6	Event Synchronization					
			Verify that an editor is opened showing LTTng Kernel			
6.1	Open trace	Open an LTTng CTF Kernel trace	specific columns. Views are updated with the new trace.	SWTBot	Pass	
	- F er er e		The Properties view is updated with the selected			
6.3	Marra ara abasainahisa	Calast and average in the table with the analyse butter	event's Property and Value. Timestamp and Content	Manual	Dave	
6.2	Mouse synchronization	Select any event in the table with the mouse button	are expandable.	Manual	Pass	
		Select any event in the table using Up, Down, PageUp,	The Properties view is updated with the selected event's Property and Value. Timestamp and Content			
6.3	Key synchronization	PageDown, Home, End	are expandable.	Manual	Pass	

1.2.0-TraceCompassTestCases - EventsEditor

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	select event in table (e.g. 1st event) click right mouse button 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	
8.3	Copy to clipboard	1) Open a CTF trace (e.g. LTTng Kernel) 2) Click right mouse button 3) Select "Copy to Clipboard" menu item 4) Paste it in a text file	Verify that the columns are printed as shown in the events table and that they are separated by tab character.	SWTBot	Pass	
9	Swap Columns and Change Fonts					

1.2.0-TraceCompassTestCases - EventsEditor

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	Туре	To Do	Comment
	TMF - Project View	144	0	19	0	14
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	
2.5	r roject structure	Open the new Tracing project	Project contains experiments and fraces rolders	SWIDOL	r a33	
3	Traces Folder					
		1) Download traces.zip (if necessary) and unzip into a local				
		directory \${local} 2) Import Custom Text and XML parsers				
		(ÉxampleCustomXmlParser.xml, ExampleCustomTxtParser.xml) from directory				
		traces/customParsers into your workspace from the				
	Preparation	Manage Custom Parsers dialog.			Pass	
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	
		1) Browse to directory \${local}/traces/import/				
		2) Select trace ExampleCustomTxt.log 3) Keep <auto detection="">, Select "Import unrecognized</auto>				
		traces", unselect "Overwrite existing without warning" and				
3.3	Import single custom text trace (link to workspace)	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	
			Imported trace appear in Traces Folder and the Trace			
	Import Single custom XML trace		Type "Custom XML log" is set. Make sure that trace can			
3.4	(link to workspace)	redo 3.1-3.3 but this time select ExampleCustomXml.xml	be opened	Manual	Pass	
	Import LTTng Kernel CTF trace	redo 3.1-3.3 but this time select directory kernel-overlap-	Imported trace appear in Traces Folder and the Trace Type "LTTng Kernel" is set. Make sure that trace can be			
3.5	(link to workspace)	testing/	opened	SWTBot	Pass	
		redo 3.3, 3.4, 3.5. However, Unselect "Create Links to				
		workspace"	Traces are imported with new name that has a suffix (2) at the end. Make sure that imported traces are copied			
3.6	Rename + copy import	When dialog box appear select Rename	to the project.	Manual	Pass	
		redo 3.3, 3.4, 3.5. However, Unselect "Create Links to				
		workspace"	Existing traces are deleted and new traces are imported. Make sure that imported traces are copied to			
3.7	Overwrite + copy import	When dialog box appear select Overwrite	the project and can be opened	Manual	Pass	
		redo 3.3, 3.4, 3.5. However, Unselect "Create Links to				
		workspace"				
3.8	Skip	When dialog box appear select Skip	Make sure that no new trace is imported	Manual	Pass	It's the same trace, how can we verify?
			Make sure that no dialog box appears (for renaming,			
2.0	Defectly accessible	redo 3.3, 3.4, 3.5. However, Unselect "Create Links to	overwriting, skipping) and existing traces are	CM/TD-1	D	
3.9	Default overwrite	workspace" and select "Overwrite existing without warning"	overwritten). Make sure trace can be opened	SWTBot	Pass	
		1) Open Import wizard (see 3.1-3.2)				
		1) Open Import wizard (see 3.1-3.2) 2) Browse to directory \${\cal}/\text{trace}/\text{jocal}/\text{process/import}				
		Select trace unrecognized.log Keep <auto detection="">, Select "Import unrecognized</auto>				
		traces", unselect "Overwrite existing without warning" and select "Create Links to workspace" and	unrecognized.log is imported with trace type unknown. The default text file icon is displayed. The trace, when			
3.10	Import unrecognized	5) press Finish	opened, is displayed in the text editor.	Manual	Pass	

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"				Delete key works too!
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). I 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 overwriten. 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 uncheck "preserve folder structure" 5) press Finish 6) When dialog appears select Skip All"</auto>	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 "LTIng 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	

	Propagation	Doloto all traces in project			
	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 "Timf 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	Delete project "Tracing" 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
		D&D a trace with name of an existing trace into traces			
3.27		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		1) Open Import wizard (see 3.1-3.2) 2) Browse to directory \${local}/traces/import/ 3) select directory import 4) Select trace type "Timf Generic", unselect "Overwrite"	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 The other one was fast too though

		1) Open Import wizard (see 3.1-3.2)				
	Recursive import with preserved	2) Browse to directory \${local}/traces/import/ 3) select directory import 4) Select trace type "Imf Generic", unselect "Overwrite existing without warning", select "Create Links to workspace" and select "Preserve Folder Structure" 5) press Finish	with suffix (2). The folder "clashes" is imported with its traces inside. Make sure that traces can be opened			
3.32	folder structure (Rename All)	6) When dialog appears select "Rename All"	which have a trace type set.	Manual	Pass	
	Preparation	Delete all traces in project				
3.33	Delete with mixed selection of traces and folders	Treate a trace folder under the "Traces" folder Import 2 traces under the folder Open one of the traces. Select the trace folder and both traces in the Project Explorer view 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	Create 2 trace folders under the "Traces" folder Import a trace in each folder Select both trace folders 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	Add a few folders and traces under the Traces folder 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-overlaptesting, 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 original 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	SWTBot	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	

5.1	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	
	F					
6	Experiment	C-1	Constitution (Colort October December)	Manuel	Pass	
6.1	<u> </u>	Select an experiment and open its context menu Select the Select Traces menu	Correct menu opens (Select, Open , Copy, Rename,) Select Traces dialog is open and populated w/ traces	Manual Manual	Pass	
	-		3 , , , ,			
6.3		Select a few LTTng traces and finish	Selected traces are imported in the experiment Experiment is opened and views are populated	Manual	Pass Pass	
6.5		Select the Open menu Select the Copy menu and provide a new name. Open.	Experiment is replicated under the new name	Manual Manual	Pass	Failed in 3.0, 3.1, 3.2, TC 0.1 When copying a renamed experiment the orignal named experiment is recreated. https://bugs.eclipse.org/bugs/show_bug.cgi?id=436888
6.6		Select the Rename menu and provide a new name. Open.	Experiment is renamed	Manual	Pass	Why can't we rename to the same name?
6.7	· · · · · · · · · · · · · · · · · · ·	Select the Delete menu and confirm deletion	Experiment is deleted	Manual	Pass	willy can't we rename to the same name:
6.8	· ·	Select an Experiment and press Enter	Experiment is opened	Manual	Pass	
6.9		Select an Experiment and press Delete and confirm deletion	Experiment is deleted	Manual	Pass	
0.9	· · · · · · · · · · · · · · · · · · ·	·	Experiment is detected	Manuat	PdSS	
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	
-	Fun asim and Tay					
7	Experiment Traces	Colorban I TT-1 bases and and 30 of 10	Company Compan	A4 1	D	
7.1		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	D&D a trace with name of an existing trace into experimen folder 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		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		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		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	

Other trace nodes		The December of the Control of the C			
	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	
	Open an LTTng kernel trace, click on the trace, check the new properties view.	The "Trace properties" should be populated	Manual	Pass	
			Manual	N/A	New feature not implemented yet
Tonna Tuna Calantina					
Trace Type Selection					
		is can be opened by default Editor (either Eclipse text	Manual	Pass	
Trace properties	Select the trace and open the Properties View	Selected trace type is blank	Manual	Pass	If you select an invalid trace type, it swallows the exception
Trace filtering	Select an experiment and open Select Traces dialog	Untyped trace does not appear in list	Manual	Pass	
Supplementary Files					
	1) In Project Explorer remove filter for hidden resources				
Preparation	(Coolbar menu > Customize View > unselect '.* resources)	Verify that .tracing directory is shown under the project	Manual	Pass	
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="">/.</trace>	Manual	Pass	
	b) Redo test: Select trace under Experiment Folder		Manual	Pass	
Delete Supplementary Files Action			Manual	Pass	
Select and delete State History File		Make sure that file .tracing/ <trace name>/StateHistory.ht is deleted from the project explorer view</trace 	Manual	Pass	
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.</exp></trace2></trace1>	Manual	Pass	
Delete Supplementary Files Action	Select Experiment and click right mouse button	3 root entries: <exp name="">, <trace1 name=""> and <trace2 name="">, with</trace2></trace1></exp>	Manual	Pass	
Select and delete State History File	Select one history file (<trace name="">/StateHistory.ht) and click on 'Ok'</trace>	Make sure that the selected file .tracing/ <trace name>/StateHistory.ht is deleted from the project explorer view</trace 	Manual	Pass	
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="">/ respectively</trace1>	Manual	Pass	
	a) Redo 11.2 to create Supplementary File b) Delete trace	Verify that supplementary directory .tracing/ <trace name="">/ is deleted.</trace>	Manual	Pass	
Delete Experiment	a) redo 11.6 to create experiment and Supplementary File	are NOT deleted. Also verify that the supplementary folder for the experiment ./tracing/exp_name_exp is	Manual	Pass	
		Verify that supplementary File StateHistory.ht .tracing/ <trace1 name="">/ and ./tracing/<trace2 name="">/ are NOT deleted</trace2></trace1>	Manual	Pass	
Delete Supplementary Files Action while trace is open			Manual	Pass	
LINK WICH EDICOF					
	button is selected		Manual		
	Check trace properties Check trace properties - experiment Trace Type Selection Preparation Trace properties Trace filtering Supplementary Files Preparation Create Supplementary File (State History File) from trace Trace Context sensitive menu Delete Supplementary Files Action Select and delete State History File Create Supplementary File (State History File) from experiment Delete Supplementary Files Action Select and delete State History File Select and delete State History File Select and delete State History File Delete Supplementary Files Action Delete Supplementary Files Action while trace Delete Experiment Delete Experiment Delete Experiment Trace Delete Experiment Trace Delete Supplementary Files Action while trace is open	Check trace properties Open an experiment which contains LTTng kernel traces, click on the experiment on the experiment, check the new properties view. Trace Type Selection Import an file with unrecognized trace type (\$\(\frac{1}{2}\) for a cally fraces/import/unrecognized.log) Trace properties Select the trace and open the Properties View Trace filtering Select an experiment and open Select Traces dialog Supplementary Files 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 Create Supplementary File (State History File) from trace a) Select trace under Folder Traces and click right mouse button b) Redo test: Select Experiment Folder c) Redo test: Select Experiment Select and delete State History File State History File from experiment Delete Supplementary Files 2) Select Trace and click right mouse button 2) Select Trace and click right mouse button Select and delete State History File State History File from experiment Delete Supplementary Files 1) Select Experiment and click on 'Ok' Select and delete State History File 1) Select Experiment and click right mouse button 2) Select Trace name>/StateHistory.ht file and click on 'Ok' Select and delete State History File 1) Select Experiment with 2 LTTng CTF traces Delete Supplementary Files 1) Select Experiment and click right mouse button 2) Select Trace name>/StateHistory.ht) and click on 'Ok' Select and delete multiple State 1) Select to the history file (<a "trace="" (either="" (flored)="" **trace="" an="" and="" appear="" be="" by="" can="" click.="" contains="" default="" editops="" editor="" every="" experiment="" file="" for="" fraces="" href="#reading-trace-</td><td>Check trace properties on the experiment which contains LTTng kernel traces, click the properties' should be populated for every subtrace on the experiment, check the new properties view. Trace Type Selection Import an file with unrecognized trace type (\$(locali)/traces/import/unrecognized.log) Import an file with unrecognized log import an file with unrecognized log import an file with unrecognized log import an experiment and open select traces and unrecognized log import and person an</td><td>Check trace properties on the experiment which contains LTTng kernel traces, click. The " icon.="" import="" in="" is="" kernel="" logs="" lttng="" o<="" of="" opened="" populated="" properties="" properties"="" register="" selection**="" should="" subtrace.="" td="" text="" the="" to="" trace="" traces="" traces,="" type="" unrecognized="" very="" with=""><td>Check trace properties properties view. The "Trace properties" should be populated of memory on the experiment, which contains LTTng kernel traces, click. The "Trace properties" should be populated for every subtrace. Trace Type Selection Import an file with unrecognized trace type (S(Bocal) trace/import/unrecognized trace) (Select the trace and open the Properties Very sel bank very the state of the properties very select the trace and open the Properties Very select trace does not appear in list Manual Pass Verify that tracing directory is shown under the project Verify that StateHistory, his screated under trace/indoornel trace very select trace and calcidate that was a very select trace and the Verify that StateHistory his screated under trace/indoornel trace under Spatient to Verify that context sensitive menu of Redo test Select trace under Spatient to Verify that context sensitive menu of Redo test Select trace under Spatient to Verify that context sensitive menu of Redo test Select trace under Spatient to Verify that context sensitive menu of Redo test Select trace under Spatient to Verify that context sensitive menu of Redo test Select Select Speriment (Select Appenentary Files). Select Trace and the Kir spith mouse button of Redo test Select trace under Spatient to Verify that context sensitive menu of Redo test Select Select Speriment and Click on Ok.</td>	Check trace properties properties view. The "Trace properties" should be populated of memory on the experiment, which contains LTTng kernel traces, click. The "Trace properties" should be populated for every subtrace. Trace Type Selection Import an file with unrecognized trace type (S(Bocal) trace/import/unrecognized trace) (Select the trace and open the Properties Very sel bank very the state of the properties very select the trace and open the Properties Very select trace does not appear in list Manual Pass Verify that tracing directory is shown under the project Verify that StateHistory, his screated under trace/indoornel trace very select trace and calcidate that was a very select trace and the Verify that StateHistory his screated under trace/indoornel trace under Spatient to Verify that context sensitive menu of Redo test Select trace under Spatient to Verify that context sensitive menu of Redo test Select trace under Spatient to Verify that context sensitive menu of Redo test Select trace under Spatient to Verify that context sensitive menu of Redo test Select trace under Spatient to Verify that context sensitive menu of Redo test Select Select Speriment (Select Appenentary Files). Select Trace and the Kir spith mouse button of Redo test Select trace under Spatient to Verify that context sensitive menu of Redo test Select Select Speriment and Click on Ok.		

12.2	Select trace/experiment in Editors	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	Pass	
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	
			All elements in the trace tree are unselected, the Approximate uncompressed size field changes to a			
13.5	Trace element selection	Unselect the trace2 element	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	
			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			
13.15	Verify content	Open the tar.gz and the zip files in an archive manager.	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	aren't some of these swtboted?
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	Click on the Browse button. 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	_	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	Very fast
14.10	Supplementary Files	Right-click on trace2 in Project Explorer	Delete Supplementary files appears in the content menu	Manual	Pass	
14.10	Bookmarks	Open the Bookmarks view	Bookmarks appear in the list for the imported traces	Manual	Pass	
14.11	DOOKIIIdIKS	Open the Bookmarks view	The corresponding trace opens at the bookmarked	Manuat	PdSS	
14.12	Open from bookmark	Double click on one of the bookmarks	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.	previously selected events now have the same		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	

1.2.0-TraceCompassTestCases - BookmarksView

	Section	Pass	Fail	Type	To Do	Comment
	TMF - BookmarksView	17	0	2	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.	SWTBot	Pass	
2	Trace bookmarks					
2.1	Show Bookmarks View	Select Bookmarks view (bottom folder)	Bookmaks view is shown	Manual	Pass	
	Show Booking them	Sold Booking (of the Cotton Total)	Views are populated. Verify that a Kernel events editor is	Manage	1 400	
2.2	Open trace	Open an LTTng CTF Kernel trace	opened showing LTTng Kernel specific columns	SWTBot	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	

1.2.0-TraceCompassTestCases - BookmarksView

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	

${\tt 1.2.0-Trace Compass Test Cases-Filters View}$

	Section	Pass	Fail		To Do	Comment
	TMF - Filters View	12	0	12	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	

1.2.0-TraceCompassTestCases - ColorsView

	Section	Pass	Fail		To Do	Comment
	TMF - Colors View	6	0	6	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	

1.2.0-TraceCompassTestCases - HistogramView

	Section	Pass	Fail		To Do	Comment	
	TMF - Histogram View	50	0	2	0	7	1
Target	Ubuntu 14.10 64 bit				-		
Step	Test Case	Action	Verification			Comment	4
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		
			j , , , ,				
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	FIXED!
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						

1.2.0-TraceCompassTestCases - HistogramView

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	Zoom Window is moved if selection is outside the current zoom window and a time graph window is open (e.g. CFV). Otherwise zoom window stays.
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	Zoom Window is moved if selection is outside the current zoom window and a time graph window is open (e.g. CFV). Otherwise zoom window stays.
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					

1.2.0-TraceCompassTestCases - HistogramView

	Preparation	1) Download traces.zip (if necessary) and unzip into a loca 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		1	2	0	5
Target:	Ubuntu 14.04 64 bit				-	
Step	Test Case	Action	Verification	Туре		Comment
1	Preparation					
		1) Download traces.zip (if necessary) and unzip into a loca directory \${local} 2)Use traces simple-server-thread1 and simple-server- thread2 under traces/import/ for test cases below	l			Note: UI tests are not SWTBot, but JUnit tests. Tests are triggered programmatically right below the dialogs level
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	SWTBot	Pass	
1.1	Open TMF Sequence	Use menu Window → Show View → Other → Tracing →	Statistics, Histogram, Properties, Dookmarks	SWIDOL	F 033	
1.2	Diagram View	Sequence Diagram	Verify that 'Sequence Diagram' view is shown	SWTBot	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)	Manual	Pass	
2	Manage View					
2.1	Close view	Close Sequence Diagram view	Sequence Diagram View is removed from perspective	Manual	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.	Manual	Pass	
3	Tooltip					
3.1	Hover over interaction	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)	Manual	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=45552 3
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)	Manual	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)	Manual	Pass	
4	View Synchronization					
4.1	_	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	Manual	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	Manual	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.	Manual	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.	Manual	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.	Manual	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	Manual	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	Manual	Pass	
5.5	Find criteria persistence	1) Restart eclipse 2) open find dialog	Verify that previous used find criteria are still in the list	Manual	Pass	
5.6	Find short-cut	1) Select 'Sequence Diagram' view 2) pres CTRL+F	Verify that find dialog opens	Manual	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	Manual	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	Manual	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	Manual	Pass
5.10	Filter criteria persistence	1) Restart eclipse 2) open hide dialog	Verify that previous used hide criteria are still in the list	Manual	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.	Manual	Pass
5.12	Selection after zooming	Click on button and menu item 'Select' to go back to selection mode select an interaction	Verify that selection is possible.	Manual	Pass
5.13	Zoom-out	Use button and menu item for zoom-out to activate zooming out Click into sequence diagram view	Verify that 'Sequence Diagram' view zoom out. Note that no selection is possible.	Manual	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	Manual	Pass
5.15		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.	Manual	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.	Manual	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	Manual	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	Manual	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	Manual	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	Manual	Pass
5.21	Scroll down short cut	Press SHIFT+ALT+ARROW_DOWN	Verify that within a page the display scrolls down per view size	Manual	Pass

			Verify that within a page the display scrolls up per view			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
5.22	Scroll up short cut	Press SHIFT+ALT+ARROW_UP	size	Manual	Pass	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	Manual	Fail	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	Manual	Pass	Getting printer data on my Ubuntu 14.04 hangs (Printer.getDefaultPrinterData() in SDPrintDialogUI) Works on windows (including CTRL+P)
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	Manual	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	Manual	Pass	

${\tt 1.2.0-Trace Compass Test Cases-Statistics View}$

	Section	Pass	Fail		To Do	Comment
	TMF - Statistics View	17	0	2	0	5
Target:	Windows 7 64 bit					
Step	Test Case	Action	Verification	Туре		Comment
1	Preparation					
	rieparación	Download traces simple-server-thread1 and simple-				
	Preparation	server-thread1 from traces/import/				
1.1	Open Perspective	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views	SWTBot	Pass	
1.2	Open TMF Statistics View	Use menu Window → Show View → Other → Tracing → Statistics	Verify that 'Statistics' view is shown	SWTBot	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.	Manual	Pass	
2	Manage View					
2.1	Delete view	Close the 'Statistics' View	Statistics' view is removed from perspective	Manual	Pass	
		Use menu Window → Show View → Other → Tracing →				
2.2	Open view	Statistics	Statistics' view View is displayed and re-populated	Manual	Pass	See comment on step 1.2 about the path
2.3	Open view when experiment/trace is already loaded	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	Manual	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		lu re il rien i i i i i i i i i i i i i i i i i i			
3.1	Build of statistic index	Open trace	Verify that 'Statistics' view is populated when indexing is finished	Manual	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	Manual	Pass	
4	Range Synchronization					
4.1		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	Manual	Pass	
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	Manual	Pass	
5	Multiple Trace Synchronization					

1.2.0-TraceCompassTestCases - StatisticsView

	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		Manual		
5.1	Open multiple traces (no overlap)	Open multiple traces that don't overlap in time	View shows the last opened trace	Manual	Pass	France: I am not sure what to do in this section (overlaping vs non overlaping)
5.2		In any other view that supports range synchronization, select a new range	Events in selected time range' is updated according to new range	Manual	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.	Manual	Pass	
5.4	Open multiple traces (overlap)	Open multiple traces that overlap in time	View shows the last opened trace	Manual	Pass	
5.5		In any other view that supports range synchronization, select a new range	Events in selected time range' is updated according to new range	Manual	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.	Manual	Pass	
5.7	Close all traces	Close all Events editor tabs	View is cleared.	Manual	Pass	

1.2.0-TraceCompassTestCases - TimeChartView

	Section	Pass	Fail	Туре	To Do	Comment
	TMF - Time Chart View	26	0	1	0	0
Target:	Windows 7 64 bit					
Step	Test Case	Action	Verification	Type		Comment
1	Describes					
1.1	Preparation Preparation step 1	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views.	SWTBot	Pass	
1.2	Preparation step 1	Show Time Chart View	Time Chart view is shown	Manual	Pass	
1.2	Preparation step 2	Show time chart view	Time Chart view is shown	Manuat	PdSS	
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.	Manual	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.	Manual	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.	Manual	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.	Manual	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.	Manual	Pass	
2.6	Close view	Close the Time Chart view	Time Chart view is removed from perspective	Manual	Pass	
2.7	Open view	Show Time Chart view	Time Chart view is displayed and re-populated with opened traces data	Manual	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.	Manual	Pass	
2.9	Close last trace	Close trace #1 editor tab	View is cleared.	Manual	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.	Manual	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.	Manual	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.	Manual	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.	Manual	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	Manual	Pass	
4.2	Mouse drag zoom synchronization	Drag zoom with right-button on time chart.	Other views are synchronized to the new range	Manual	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	Manual	Pass	

1.2.0-TraceCompassTestCases - TimeChartView

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	Manual	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	Manual	Pass	
5	Event Table Synchronization					
5.1	Search synchronization	Enter a search regex in event table	Matching events are marked in time chart	Manual	Pass	
5.2	Search cleared	Clear the search regex in event table	Marks are removed in time chart	Manual	Pass	
5.3	Filter synchronization	Enter a filter regex in event table	Non-matching events are removed from time chart	Manual	Pass	
5.4	Filter cleared	Clear the filter regex in event table	All events are shown in time chart	Manual	Pass	
5.5	Bookmark synchronization	Add a bookmark in event table	Bookmarked event is marked in time chart	Manual	Pass	
5.6	Bookmark cleared	Remove the bookmark in event table	Mark is removed in time chart	Manual	Pass	

1.2.0-TraceCompassTestCases - Custom Parsers

	Section	Pass	Fail	Туре	To Do	Comment
	TMF - Custom Parsers	28	0	5	0	3
Target	: Windows 7					
Step	Test Case	Action	Verification	Туре		Comment
0	Prerequisites					
0.1	Get custom parser definition and logs	Find text and XML parser definitions in Traces.zip/traces/customParsers and logs in /import				
1	View management					
1.1	Open perspective	Open and reset Tracing perspective, and open Time Chart view	Time Chart view opens.	Manual	Pass	
1.2	Import custom parser definitions	Create a tracing project, open Manage Custom Parsers dialog and import text and XML custom parser definitions	Custom parsers imported (TmfGeneric, Custom XML Log)	Manual	Pass	
1.3	Import custom traces	Create a tracing project and import a text and XML custom trace	Traces imported in Traces folder of project (ExampleCustomTxt.log, ExampleCustomXml.xml) and have their trace type auto-selected.	Manual	Pass	
2	Custom parser management					
2.1	Open Manage Custom Parsers dialog	Open Manage Custom Parsers dialog in Traces folder context menu	Dialog opens.	SWTBot	Pass	New Custom Parser dialog is very tall on GTK3
2.2	New (text)	Select "Text" radio button, click New button, enter Trace type, change stuff, click Next, click Finish	Custom parser appears in list.	SWTBot	Pass	
2.3	Edit (text)	Select custom parser, click Edit, change stuff, click Next, click Finish	Previously entered data appears, can be edited.	SWTBot	Pass	
2.4	Export (text)	Select custom parser, click Export, enter name, click Save	Exported custom parser stored in file system.	Manual	Pass	If you export to an existing .xml that is not an TXT custom parser file, the export is ignored without warning to the user.
2.5	Delete (text)	Select custom parser, click Delete	Custom parser is deleted.	SWTBot	Pass	
2.6	Import (text)	Click Import, find custom parser definition, click Open	Imported custom parser appears in list.	Manual	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>1<2</d><c>2</c><d>1<d>1<d>1</d>/c><d>111/c><d>111/c><d>111/c><d>111/c><d>111/c><d>111/c>111/c>111/c>111/c>111111111111111111121112111211121112111211121112111211121113111211131114111511161117111811181118111811181118111811181<td< td=""><td>Custom parser appears in list.</td><td>Manual</td><td>Pass</td><td></td></td<></d></d></d></d></d></d></d></d></d>	Custom parser appears in list.	Manual	Pass	
2.8	Edit (XML)	Select custom parser, click Edit, change stuff, click Next, click Finish	Previously entered data appears, can be edited.	Manual	Pass	

1.2.0-TraceCompassTestCases - Custom Parsers

2.9	Export (XML)	Select custom parser, click Export, enter name, click Save	Exported custom parser stored in file system.	Manual	Pass	If you export to an existing .xml that is not an XML custom parser file, the export is ignored without warning to the user.
2.10	Delete (XML)	Select custom parser, click Delete	Custom parser is deleted.	SWTBot	Pass	
2.11	Import (XML)	Click Import, find custom parser definition, click Open	Imported custom parser appears in list.	Manual	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)	Manual	Pass	
3.2	Open trace (text)	Double-click on test file in Traces folder	Editor opens with events table, Time Chart view is populated.	Manual	Pass	
3.3	Raw view (text)	Right-click in editor, click Show Raw	Editor is split with raw view on right pane.	Manual	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.	Manual	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)	Manual	Pass	
3.6	Open trace (XML)	Double-click on test file in Traces folder	Editor opens with events table, Time Chart view is populated.	Manual	Pass	
3.7	Raw view (XML)	Right-click in editor, click Show Raw	Editor is split with raw view on right pane.	Manual	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.	Manual	Pass	
4	Raw viewer					
4.1	Show Raw Viewer	Open Custom text trace Right-click in table and select "Show Raw"	Raw viewer is shown beside the events table	Manual	Pass	
4.2	Hide Table	Right-click in table and select "Hide Table"	Events table is hidden and only raw viewer is shown	Manual	Pass	
4.3	Show Table	Right-click in table and select "Show Table"	Events table is shown beside raw viewer	Manual	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	Manual	Pass	
4.5	Select Event using arrow keys (457852)	select event in raw viewer with mouse yuse 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	Manual	Pass	
4.6	Hide Raw viewer	Right-click in table and select "Hide Raw"	Raw viewer is hidden and only events table is shown	Manual	Pass	

1.2.0-TraceCompassTestCases - State System Explorer

	Section	Pass	Fail	Type	To Do	Comment
	TMF - State System Explorer	14	0	0	0	
Target:	Windows 7 64 bit					
Step	Test Case	Action	Verification	Type		Comment
эсер	Test Case	Action	Vermeation	Турс		Comment
1	Preparation					
1.1	Open TMF State System Explorer View	Use menu Window → Show View → Tracing → State System Explorer	Verify that 'State System Explorer' view is shown	Manual	Pass	
2	Manage View					
2.1	Delete view	Close the State System Explorer' View	'State System Explorer' view is removed from perspective	Manual	Pass	
2.2	Open view	Use menu Window \rightarrow Show View \rightarrow Tracing \rightarrow State System Explorer	'State System Explorer' view is displayed and re-populated	Manual	Pass	
2.3	Open Trace	Open an LTTng Kernel Trace	Verify that view is populated with kernel state system (o.e.l.analysis.os.linux.kernel) and statistics state systems (o.e.l.tmf.statistics.*) of opened trace	Manual	Pass	Some state systems ID's should be renamed for Trace Compass
2.4	Open view when trace is already loaded	Close State System Explorer View Load LTTng trace Open 'State System Explorer' view	Verify that view is populated with state systems from trace	Manual	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)	Manual	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.	Manual	Pass	
2.6	Restart	Restart Eclipse	Verify that view is populated with state systems from trace	Manual	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	Manual	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	Manual	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)	Manual	Pass	
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.	Manual	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.	Manual	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.	Manual	Pass	

1.2.0-TraceCompassTestCases - Call Stack View

	Section	Pass	Fail		To Do	Comment
	TMF - Call Stack View	22	0	10	0	
Target:	Windows 7 64 bit					
C4	T C		V. • 6 /*			
Step	Test Case	Action Download this	Verification			Comment
1	Download the test resources	Download this				
1	Preparation	Use menu Window \rightarrow Show View \rightarrow Other \rightarrow Tracing \rightarrow				
1.1	Open TMF Call Stack View	Call Stack	Verify that 'Call Stack' view is shown	SWTBot	Pass	Path is actually Window -> Show view -> Tracing -> Call stace
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>)"</tracename>	Manual	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.	SWTBot	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.	SWTBot	Pass	
2	Manage View					
2.1	Delete view	Close the Call stack view' View	'Call Stack' view is removed from perspective	Manual	Pass	
		Use menu Window \rightarrow Show View \rightarrow Other \rightarrow Tracing \rightarrow				
2.2	Open view	Call Stack	'Call Stack' view is displayed and re-populated	Manual	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	Manual	Pass	
2.4	Open view when trace is already loaded	Close 'Call Stack' view Open "glxgears-cyg-profile(-fast)" trace located in the git in cft test Open 'Call Stack' view	Verify that view is populated with call stack information	Manual	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).	Manual	Pass	
2.7	Select other trace	Select different trace by clicking its Events editor tab	View is updated to show selected trace.	Manual	Pass	
2.6	Restart	Restart Eclipse with Call Stack trace opened	Verify that view is populated with call stack from trace	Manual	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	Manual	Pass	
3	Navigation					
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.	SWTBot	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.	SWTBot	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	SWTBot	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	SWTBot	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.	SWTBot	Pass	The vertical scroll bar is not updated
		Select a call stack-impacting event (function entry/exit) in events	In addition to updating the selected time, the active function at the event time is			car secon our to not appared
4.2	Event synchronization	table	selected. Vertical scroll bar is updated if necessary.	SWTBot		
4.3	Time range synchronization	Select a new time range in Histogram view.	Time range is updated.	SWTBot	Pass	The vertical scroll bar is not updated

1.2.0-TraceCompassTestCases - Call Stack View

5	Function name import - Text file					
5.1	Invalid text file import	Open 'trace' from Fibonacci.zip. 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.	Manual	Pass	
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).	Manual		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: 1 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	Manual	Pass	France : I am not sure what to do here

Target: Target: Target: Test Case Addion Verification 1.1 Step 1 Step Cannel Preparation 1.1 Step 1 Open Trace Compass and reset Litting perspective Litting perspective opens with correct views Litting perspective opens with torrect views Litting perspective opens within correct views Litting perspective opens within correct views Litting perspective opens within correct vie		Section	Pass	Fail		To Do	Comment
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3.1 Create Profile remote information, root path and trace path an	2.2	Open Profile Editor 2	Window -> Preferences-> Tracing -> Remote Profiles	The Profile Editor of preference page opens	SWTBot	Pass	
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3.4 Add trace Select trace group > right mouse click > select New Trace is created under Trace Group and template is provided 3.5 Delete Trace Select trace of proup > right mouse click > select Delete Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group and template is provided Trace is created under Trace Group is deleted SWTBOt Pass Trace Group is deleted Manual Pass Trace Group is deleted Manual Pass Trace is created under Trace Group is deleted Manual Pass WTBOt Pass Trace Group is deleted Manual Pass Trace Group and template is purporate is provided Manual Pass Trace Group and down within a profile Trace Group and down within a Trace Group is deleted Trace are moved up and down within a Trace Group is SWTBOt Trace are moved up and down within a Trace Group is SWTBOt Trace are moved up and down within a Trace Group is SWTBOt Pass Trace are moved up and down within a Trace Group is SWTBOt Trace are moved up and down within a Trace Group is SWTBOt Trace are moved up and down within a Trace Group is SWTBOt Trace are moved up and down within a Trace Group is SWTBOt Trace are moved up and down within a Trace Group is SWTBOt Trace are moved up and down within a Trac	3.2	Add Node			SWTBot	Pass	
3.4 Add trace Select Trace group > right mouse click > select Delete Trace Select Trace or right mouse click > select Delete Trace Group Select Gelete Trace Group is deleted Manual Pass Select Connection Node Select Profile Select Profile Select Profile Select Profile Select Profile Select Profile Select 2 of Select Profile Select 2 of Select Profile Select 2 of Select Profile Select	3.3	Add trace group			SWTBot	Pass	
3.6 Delete Trace Group Select Trace Group> right mouse click > select Delete 3.7 Delete Connection Node 3.8 Remove Profile 5. Select Profile > click on 'Remove' button 4. Edit Profile - Reorder 4.1 Move profile up/down 6. Wove Up/Move Down 6. Make sure that there are 2 or 3 connection nodes > select 1 traces 6. Up/Move Down 6. Make sure that there are 2 or 3 connection nodes > select 1 traces 6. Up/Move Trace Group up/down 6. Make sure that there are 2 or 3 connection nodes > select 1 traces 6. Copy/Paste Profile 6. Select Profile > click right mouse button on other profile > Select 7. Copy/Paste Connection Node 7. Copy/Paste Connection Node 7. Copy/Paste Connection Node 8. Select Profile > click right mouse button on other profile > Select Profile is pasted under the selected Connection Node 8. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 8. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 8. Copy/Paste Connection Node 8. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 8. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 8. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 8. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 8. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 9. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 9. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 9. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 9. Select Profile > click right mouse button on other profile is pasted under the selected Connection Node 9. Select Profile > click right mo	3.4	Add trace	Select trace group > right mouse click > select 'New Trace'		SWTBot	Pass	
3.7 Delete Connection Node Select Connection Node right mouse click Select Delete Solect Profile Select	3.5	Delete Trace	Select trace > right mouse click > select Delete	Trace is deleted	SWTBot	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 Shove Up 'Move Down' Nove Up 'Move Down' Nove Up 'Move Down' Connection node > click buttons 'Move Up 'Move Down' Nove Up	3.6	Delete Trace Group	Select Trace Group> right mouse click > select Delete	Trace Group is deleted	Manual	Pass	
4.1 Move profile up/down Create at 2-3 profiles > select 2nd profile and press buttons Move connection node Make sure that there are 2 or 3 connection nodes > select 1 connection node Make sure that there are 2 or 3 trace gropus > select 1 trace Connection node Make sure that there are 2 or 3 trace gropus > select 1 trace Connection node Make sure that there are 2 or 3 trace gropus > select 1 trace Make sure that there are 2 or 3 trace gropus > select 1 trace Tr	3.7	Delete Connection Node	Select Connection Node > right mouse click > select Delete	Connection Node is deleted	Manual	Pass	
4.1 Move profile up/down Move Up/ Move Down' 4.2 Move connection node up/down Connection node > select 1 trace up/down Make sure that there are 2 or 3 trace gropus > select 1 trace group = click buttons 'Move Up/ Move Down' 4.3 Move Trace Group up/down Make sure that there are 2 or 3 trace gropus > select 1 trace group = click buttons 'Move Up/ Move Down' 4.4 Move Trace up/down Make sure that there are 2 or 3 trace gropus > select 1 trace sare moved up and down within a connection node > SWTBot Pass 5. Edit Profile - Copy, Cut, Paste 5.1 Copy/Paste Profile 5.2 Copy/Paste Profile (Keys) Redo 5.1 with CTRL+C and CTRL+V keys 5.3 Copy/Paste Connection Node 5.4 Copy/Paste Connection Node 5.5 Copy/Paste Connection Node 5.6 Select Profile > click right mouse button on a trace Group > Select Paste 5.5 Copy/Paste Trace Group 5.6 Copy/Paste Trace Group 5.7 Copy/Paste Trace Group 5.8 Select Profile > click right mouse button on a trace Group > Select Paste 6.5 Copy/Paste Trace Group 5.6 Copy/Paste Trace Group 5.7 Copy/Paste Trace Group 5.8 Select Profile > click right mouse button on a trace Group > Select Paste 6.5 Copy/Paste Trace Group 5.6 Copy/Paste Trace Group 5.7 Copy/Paste Trace Group 5.8 Select Profile > click right mouse button on other Trace Group > Select Paste 6.5 Copy/Paste Trace Group 5.6 Copy/Paste Trace Group 5.7 Copy/Paste Trace Group 5.8 Select Paste 6.7 Copy/Paste Trace Group 6.7 Copy/Paste Trace Gr	3.8	Remove Profile	Select Profile > click on 'Remove' button	Profile is deleted	SWTBot	Pass	
4.1 Move profile up/down Move Up/ Move Down' 4.2 Move connection node up/down Connection node > select 1 trace up/down Make sure that there are 2 or 3 trace gropus > select 1 trace group = click buttons 'Move Up/ Move Down' 4.3 Move Trace Group up/down Make sure that there are 2 or 3 trace gropus > select 1 trace group = click buttons 'Move Up/ Move Down' 4.4 Move Trace up/down Make sure that there are 2 or 3 trace gropus > select 1 trace sare moved up and down within a connection node > SWTBot Pass 5. Edit Profile - Copy, Cut, Paste 5.1 Copy/Paste Profile 5.2 Copy/Paste Profile (Keys) Redo 5.1 with CTRL+C and CTRL+V keys 5.3 Copy/Paste Connection Node 5.4 Copy/Paste Connection Node 5.5 Copy/Paste Connection Node 5.6 Select Profile > click right mouse button on a trace Group > Select Paste 5.5 Copy/Paste Trace Group 5.6 Copy/Paste Trace Group 5.7 Copy/Paste Trace Group 5.8 Select Profile > click right mouse button on a trace Group > Select Paste 6.5 Copy/Paste Trace Group 5.6 Copy/Paste Trace Group 5.7 Copy/Paste Trace Group 5.8 Select Profile > click right mouse button on a trace Group > Select Paste 6.5 Copy/Paste Trace Group 5.6 Copy/Paste Trace Group 5.7 Copy/Paste Trace Group 5.8 Select Profile > click right mouse button on other Trace Group > Select Paste 6.5 Copy/Paste Trace Group 5.6 Copy/Paste Trace Group 5.7 Copy/Paste Trace Group 5.8 Select Paste 6.7 Copy/Paste Trace Group 6.7 Copy/Paste Trace Gr							
4.1 Move profile up/down 'Move Down' Make sure that there are 2 or 3 connection nodes > select 1 connection node out of the up/down up/down within a profile out of the up/down up/down within a profile out of the up/down up/down within a profile out of the up/down up/dow	4	Edit Profile - Reorder					
4.2 up/down connection node > click buttons 'Move Up'/Move Down' 4.3 Move Trace Group up/down gropu > click buttons 'Move Up'/Move Down' 4.4 Move Trace up/down Select there are 2 or 3 trace gropus > select 1 trace of click buttons 'Move Up'/Move Down' 4.4 Move Trace up/down Select 1 traces of click buttons 'Move Up'/Move Down' 5 Edit Profile - Copy, Cut, Paste 5.1 Copy/Paste Profile Select Profile > Copy - click right mouse button on a profile > Select 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 Copy/Paste Connection Node Select Paste 5.4 Copy/Paste Connection Node Select Copy - click right mouse button on a Trace Group Select Paste 5.5 Copy/Paste Trace Group Select Profile > Copy - click right mouse button on a Trace Group Select Paste 5.6 Copy/Paste Trace Group Select Paste 5.7 Copy/Paste Trace Group Select Paste 5.8 Copy/Paste Trace Group Select Paste 5.9 Copy/Paste Trace Group Select Paste 5.1 Copy/Paste Trace Group Select Paste 5.2 Copy/Paste Trace Group Select Paste 5.3 Copy/Paste Trace Group Select Paste 5.4 Copy/Paste Trace Group Select Paste 5.5 Copy/Paste Trace Group Select Paste 5.6 Copy/Paste Trace Group Select Paste 5.7 Copy/Paste Trace Group Select Paste 5.8 Copy/Paste Trace Group Select Paste 5.9 Copy/Paste Trace Group Select Paste	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	
4.3 Move Trace Group up/down gropu > click buttons 'Move Up'/Move Down' 4.4 Move Trace up/down Make sure that there are 2 or 3 trace gropus > select 1 traces Traces are moved up and down within a Trace Group SWTBot Pass 5 Edit Profile - Copy, Cut, Paste Select Profile > click right mouse button on a profile > Select Copy -> click right mouse button on other profile > Select Profile is pasted under the selected profile Manual Pass 5.1 Copy/Paste Profile Select Profile > Copy -> click right mouse button on a Connection Node 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 Copy -> click right mouse button on other Connection Node > Select Copy -> click right mouse button on other Connection Node Profile is pasted under the selected Connection Node Profile is pasted under the selec	4.2		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	
4.4 Move Trace up/down > click buttons 'Move Up'/'Move Down' Traces are moved up and down within a Trace Group SWTBot Pass 5.1 Copy/Paste Profile > Select Profile > Copy, -> click right mouse button on a profile > Select Copy, -> click right mouse button on other profile > Select Paste 5.2 Copy/Paste Profile (Keys) Redo 5.1 with CTRL+V keys Profile is pasted under the selected profile Manual Pass 5.2 Copy/Paste Connection Node Select Profile > Click right mouse button on a Connection Node > Select Profile > Copy -> click right mouse button on other Connection Node > Select Profile > Copy -> click right mouse button on other Connection Node > Select Profile > Copy -> click right mouse button on other Connection Node Select Copy -> click right mouse button on other Connection Node Select Profile > Select Profi	4.3	Move Trace Group up/down			Manual	Pass	
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5.1 Copy/Paste Profile Copy -> click right mouse button on other profile > Select Paste 5.2 Copy/Paste Profile (Keys) Redo 5.1 with CTRL+V keys 5.3 Copy/Paste Connection Node Select Copy -> click right mouse button on a Connection Node > Select Profile > Select Paste 5.4 Copy/Paste Connection Node (Keys) Redo 5.3 with CTRL+C and CTRL+V keys 5.5 Copy/Paste Trace Group 5.6 Copy/Paste Trace Group 5.7 Copy/Paste Trace Group 5.8 Copy/Paste Trace Group 5.9 Copy/Paste Trace Group 5.9 Copy/Paste Trace Group 5.1 Copy/Paste Trace Group 5.2 Copy/Paste Trace Group 5.3 Copy/Paste Trace Group 5.4 Copy/Paste Trace Group 5.5 Copy/Paste Trace Group 5.6 Copy/Paste Trace Group 5.7 Copy/Paste Trace Group 5.8 Copy/Paste Trace Group 5.9 Copy/Paste Trace Group 6.0 Copy/Paste Trace Group 6.0 Copy/Paste Trace Group 7.0 File is pasted under the selected Trace Group 8.0 Profile is pasted under the selected Trace Group 8.0 Profile is pasted under the selected Trace Group 8.0 Profile is pasted under the selected Trace Group 8.0 Profile is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under the selected Trace Group 9. For file is pasted under th	5	Edit Profile - Copy, Cut, Paste	e				
5.1 Copy/Paste Profile Paste			Select Profile > click right mouse button on a profile > Select				
5.2 Copy/Paste Profile (Keys) Redo 5.1 with CTRL+C and CTRL+V keys Select Profile > click right mouse button on a Connection Node > Select Copy -> click right mouse button on other Connection Node > Select Copy -> click right mouse button on other Connection Node > Select Copy -> click right mouse button on other Connection Node > Select Paste 5.4 Copy/Paste Connection Node (Keys) Redo 5.3 with CTRL+C and CTRL+V keys Profile is pasted under the selected Connection Node Redo 5.3 with CTRL+C and CTRL+V keys Profile is pasted under the selected Connection Node Manual Pass Select Profile > click right mouse button on a Trace Group > Select Copy -> click right mouse button on other Trace Group > Select Copy -> click right mouse button on other Trace Group > Select Paste Profile is pasted under the selected Trace Group	5.1	Copy/Paste Profile		Profile is pasted under the selected profile	Manual	Pass	
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	5.5		Select Profile > click right mouse button on a Trace Group > Select Copy -> click right mouse button on other Trace Group		Manual	Pass	
		137		·			

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	· · · · · · · · · · · · · · · · · · ·	Successful cut and paste	Manual	Pass	Trace (F. 7) is done with CM/TDet
3.9	Curraste	Redo 5.1 - 5.8 with cut and paste	Successiui cui anu paste	Mandat	Pd55	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" or "Unsupported URI scheme"	Manual	Pass	
6.7	Error empty Trace Group	Delete Trace Group root path	Error message "Root path must not be empty"	Manual	Pass	
6.8	Error empty Trace	Delete File Pattern	Error message "File pattern must not be empty"		Pass	
6.9	Invalid File pattern	Add trace with invalid regular expression	Error message "Invalid 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	
7.2	Impost Desfile	Dada 7.2	after second import an error message appears "Duplicate profile names"	Magual	Dage	
7.3	Import Profile	Redo 7.2	profile names	Manual	Pass	
8	Remote Fetch Wizard					
8.1	Preparation	1) Import Test Profiles (test-profiles.xml) from test spec. template directory 2) Edit profiles in Fetch Remote Traces > Manage profiles 3) Change 'user' and '127.0.0.1' for all connection nodes if necessary 3) Extract traces.zip from test spec. template directory in /tmp 4) Load custom text parsers located in traces.zip (traces/customParsers)				
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 Fetch Remote Traces wizard (Remote Profile page) -4) Click on 'Next' button 5) Click on 'Finish'	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 selected	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 Fetch Remote Traces wizard (Remote Profile page) 4) Click on 'Next' button 5) deslect the synthetic CTF trace 5) Click on 'Finish'	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	Run Profile "TestAllRecursive"	wizard (Remote Profile page) 2) Click on 'Next' button (enter password if needed)	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)	Select profile "TestAllRecursive" in Fetch Remote Traces wizard (Remote Profile page) Click on 'Next' button (enter password if needed) Click on 'Finish' 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 "TestAllRecursive" in Fetch Remote Traces wizard (Remote Profile page) 2) Click on 'Next' button (enter password if needed) 3) Click on 'Finish' 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 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)	Select profile "TestAllRecursive" in Fetch Remote Traces wizard (Remote Profile page) Click on 'Next' button (enter password if needed) Click on 'Finish' 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 "TestAllRecursive" in Fetch Remote Traces wizard (Remote Profile page) 2) Select checkbox 'Overwrite traces without warning' 3) Click on 'Next' button (enter password if needed) 4) Click on 'Finish'	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)	Select profile "TestAllRecursive" in Fetch Remote Traces wizard (Remote Profile page) Click on 'Finish' (enter password if needed)	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 "TestAllNonRecursive" in Fetch Remote Traces wizard (Remote Profile page) 2) Click on 'Next' button (enter password if needed) 3) Click on 'Finish'	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"	Select profile "TestSpecificRecursive" in Fetch Remote Traces wizard (Remote Profile page) Click on 'Next' button (enter password if needed) Click on 'Finish'	Verify that only kernel and custom text logs are imported from root and subdirectory. Make sure that directory structure is preserved.	Manual	Pass	Profile has trace type 'Generic CTF Trace' but trace imported as 'Linux Kernel Trace'
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.12	Run Profile "TestSpecificNonRecursive"	Select profile "TestSpecificNonRecursive" in Fetch Remote Traces wizard (Remote Profile page) Click on 'Next' button (enter password if needed) Click on 'Finish'	Verify that only kernel and custom text logs are imported from root directory only. Make sure that directory structure is preserved.	Manual	Pass	Profile has trace type 'Generic CTF Trace' but trace imported as 'Linux Kernel Trace'
	Clear traces	Delete all traces from Traces directory	All traces deleted			
	Run Profile	1) Select profile "TestSpecificMultiGroupRecursive" in Fetch Remote Traces wizard (Remote Profile page)	Verify that only traces from root path are imported			
8.13		Click on 'Next' button (enter password if needed) Click on 'Finish'	(LTTng kernel, LTTng UST, custom text, custom XML). Make sure that directory structure is preserved.	Manual	Pass	Profile has trace type 'Generic CTF Trace' but trace imported as 'Linux Kernel Trace'

8.14	Cancel Import	Select profile "TestAllRecursive" in Fetch Remote Traces wizard (Remote Profile page) Click on Next' button (enter password if needed) Click on 'Finish' 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 "TestMultiNodes" in Fetch Remote Traces wizard (Remote Profile page) 2) Click on 'Next' button (enter password if needed) 3) Click on 'Finish'	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						
	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	Туре	To Do	Comment
	LTTng 2.0 - Control Flow View	51	O O	5 5	0	6
Tarnet:	Windows	31	· ·	<u>, </u>	U	
raiget.	Willdows					
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				
4	View management					
1	View management	O	Central Flow view energ	CMTD-b	Davis	
1.1	Open perspective	Open and reset LTTng Kernel Perspective	Control Flow view opens.	SWTBot	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.	Manual	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.	Manual	Pass	Could be nice to have the trace as root and not only in a column
1.3	Close view	Close the Control Flow view	View is closed.	Manual	Pass	
1.4	Open view	Open the Control Flow view	Control Flow view is opened and populated with processes.	Manual	Pass	
2	View selection					
2.1	Select process in table	Select a process in the table	Same process is highlighted in time graph.	Manual	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.	Manual	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.	Manual	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.	Manual	Pass	
3.2	Zoom time range (mouse wheel)	Zoom with mouse wheel up and down, cursor inside time graph while holding the Ct 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.	Manual	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.	Manual	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.	Manual	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.	Manual	Pass	

			Selection highlighted. When mouse button is				
3.6	Drag select time range	Drag select time graph with right button	released, time range is zoomed to selection, states are updated and new time range is propagated to other views.	Manual	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.	Manual	Pass		
	Mouse hover (empty region)	Hover mouse in time graph over empty region	Tool tip shows process name only.	Manual	Pass		
	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.	Manual	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 first selected time, T2 the second (draggged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	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 first selected time, T2 the second (draggged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	Pass		
4	Keyboard handling						
	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.	Manual	Pass		
	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.	Manual	Pass	Tested in Windows	
	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.	Manual	Pass		
	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.	SWTBot	Pass		
5	Tool bar handling						
5.1	Show Legend	Click Show Legend button	The legend dialog is opened and can be closed.	Manual	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.	Manual	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.	SWTBot	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.	Manual	Pass		
5.5	Zoom In/Out	Click Zoom In/Out button	Time range is zoomed in and out, relative to center of selection or window. States are updated and new time range is propagated to other views.	Manual	Pass		
5.6	Filter Dialog	Open Filter Dialog	Verify that all buttons are working correctly	Manual	Pass	Pro tip: "Uncheck selected" and "Uncheck subtree" do the same thing	

5.7	Filter Processes	Open Filter Dialog Deselect several processes Press Ok	Verify that only selected processes are displayed in the view	Manual	Pass			
5.8	Hide Arrows	Click Hide Arrows button	Verify that arrows are not drawn in the time graph	Manual	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.	SWTBot	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.	SWTBot	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.	Manual	Pass	see bug 476148. Fixed in this release		
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 and revealed. Vertical scroll bar is updated if necessary.	Manual	Pass			
6.3	Window range synchronization	Select a new window range in Resources view or in Histogram view.	Window range is updated.	Manual	Pass			
6.4	Selection range synchronization	In any other view that supports selection range synchronization, select a new range.	Selection is highlighted. If the left time (T1) of selected time range is outside the current range, then window range is updated to include it	Manual	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-overlaptesting 3) Import UST \${local}/traces/import/trace ust-overlaptesting 4) Create experiment with trace of 2) in it		Manual	Pass			
7.1	Open multiple traces (no overlap)	Open multiple traces that don't overlap in	View shows the last opened trace	Manual	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.	Manual	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.	Manual	Pass			
7.4	Open multiple traces (overlap)	Open multiple traces that overlap in time	View shows the last opened trace	Manual	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.	Manual	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.	Manual	Pass			
7.7	Close all traces	Close all Events editor tabs	View is cleared.	Manual	Pass			
8.1	Filtering							
	Preparation	Open 2 LTTng Kernel Traces						
8.1	Apply filter (1st trace)	Open filter dialog Create filter Click on OK	Make sure that only selected processes of filter dialog are shown	Manual	Pass			

8.2	Apply filter (2nd trace)	4) Click on OK	Make sure that only selected processes of filter dialog are shown Make sure that previously set filter are still available	Manual	Pass Pass				
8.3	Persitent filter	Switch between both open traces	available	Manual	Pass				
9	Miscellaneous								
9.1	Restart (Bug 409345)	Open LTTng Kernel Trace Select Control Flow View Restart Eclipse	Verify that Control Flow View is populated	Manual	Pass	Maybe the project explorer should be expended to show the o	pened trace v	when restarting	
9.2	Select single time (Bug 477009)	Open LTTng UST trace while CFV is open Select event in events table	Verify that current window range stays doesn't change	Manual	Pass				

	Section	Pass	Fail		To Do	Comment
	LTTng 2.0 - Resources View	39	1	3	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.	SWTBot	Pass	
1.2	Open trace	Open LTTng Kernel trace 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.	SWTBot	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.	Manual	Fail	Traces are in random order, not sorted by name.
1.3	Close view	Close the Resources view	View is closed.	Manual	Pass	
1.4	Open view	Open the Resources view	Resources view is opened and populated with processes.	SWTBot	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.	Manual	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.	Manual	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.	Manual	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.	Manual	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.	Manual	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.	Manual	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.	Manual	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.	Manual	Pass	
3.8	Mouse hover (empty region)	Hover mouse in time graph over empty region	Tool tip shows resource name only.	Manual	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.	Manual	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 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 first selected time, T2 the second (dragged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	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 first selected time, T2 the second (dragged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	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.	Manual	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.	Manual	Pass	
5	Tool bar handling					
5.1	Show Legend	Click Show Legend button	The legend dialog is opened and can be closed.	Manual	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.	Manual	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.	Manual	Pass	
5.4	Select Previous/Next Process	Click Previous/Next Process button	Selected process is changed in time graph. Vertical scroll bar updated.	Manual	Pass	
5.5	Zoom In/Out	Click Zoom In/Out button	Time range is zoomed in and out, relative to center of selection or window. States are updated and new time range is propagated to other views.	Manual	Pass	

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3) Create filter Make sure that only selected processes of						
				Make sure that only selected processes of		
PP 7	8.2	Apply filter (2nd trace)		filter dialog are shown	Manual	Pass

8.3	Persistent filter	Switch between both open traces	Make sure that previously set filter are still available	Manual	Pass	
9	Miscellaneous					
9.1	Restart (Bug 409345)	Open LTTng Kernel Trace Select Resource View Restart Eclipse	Verify that Resources View is populated		Pass	

_	Section	Pass	Fail	Туре		Comment					
	LTTng 2.0 - Control View	119	4	13	0	22					+
	Ubuntu 14.04 64 bit LTTng Tools 2.7.0. Built-in SSH / Local										
	Test Case	Action	Verification	Type		Comment					+
Otep	1631 0836	Action	Vernication	Туре	_	Comment					
0	Prerequisites										
	·										
		For the tests below a Ubuntu machine with LTTng 2.0 installed (with lttng tools 2.5.x or later) is required. Make sure that the									
		(with lttng tools 2.5.x or later) is required. Make sure that the root session daemon is running (sudo lttng list -k) and have	LTTpg Tracer Control Hear Guide:								
		one UST process running (e.g. from lttng-tools git repository	LTTng Tracer Control User Guide: http://wiki.eclipse.org/Linux_Tools_Project/LTTng2/User _Guide#LTTng_Tracer_Control								
		under tests/hello.cxx)	_Guide#L11ng_Tracer_Control								_
		a) Window → Preferences → General → Network Connections									
0.1	Set Proxy	b) Set "Active Provider" to "Direct"									
1	General		LTTng Kernel perspective opens with correct Control								+
1.1	Open perspective	Open and reset LTTng Kernel Perspective	view on the left bottom corner	SWTBot	Pass						
	Manage View										
2.1	Close view	Close Control View	Control view is removed from perspective	Manual	Pass						
2.2	Open Control view	Use menu Window \rightarrow Show View \rightarrow Other \rightarrow Lttng \rightarrow Control	Verify that Control view is shown	SWTBot	Pass						
			. ,								
3	Connection Handling										
			Make sure that after 4) the new connection is shown in								
		1) Click Button 'New Connection'	Make sure that after 4) the new connection is shown in the tree. Verify that the new host is shown in the Control								
		Select Tree item "Built-in SSH" and click on Create Enter Connection Name (e.g. MyHost), enter Host Name (a.g. MyHost).	view (with 'Connection Name'. After Ssh connection has been established, make sure that Provider and Session								
		DNS name or IP address), username and password 4) Click 'Finish'	nodes are created in the Control view underneath the host. Verify that all active Providers (Kernel and UST								
3.1	Create Host Connection	5) In Tree select the newly create connection and click on 'Ok'	providers) are shown under the 'Provider' node.	Manual	Pass						
		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.								
3.2	Disconnect	b) Redo test with context sensitive menu item 'Disconnect'		Manual	Pass						
			Verify that icon for the corresponding node changes to								
		a) Select host to connect and click Button 'Connect'	the connected icon and after successful SSH connection all data is retrieved form the remote host (Providers,								
3.3	Connect	b) Redo test with context sensitive menu item 'Connect'	sessions etc).	Manual	Pass						
		Restart Eclipse Click Button 'New Connection'									
		Select the host previously created	Make sure that SSH connection is established and all								
3.4	Select Host Connection	4) Select 'Ok'. (Afterwards enter user ID and Password if necessary)	data is retrieved from the remote host ((Providers, sessions etc).	Manual	Pass						
411		,,									_
			Verify that menu items are shown and enabled/disabled depending on state:								
			'Connect' (disabled) Disconnect (enabled)								
	Node contexts sensitive menu (host connected)	Connect to remote host select connected node and click right mouse button	Refresh (enabled) Delete (disabled)								
3.5	connected)	2) select connected node and click right mouse button	Delete (disabled)	Manual	Pass						
			Verify enable state of view buttons: 'New Connection' (enabled)								
			'Connect' (disabled)								
			'Disconnect' (enabled) 'Refresh' (enabled)								
			'Delete' (disabled)								
			'Start' (disabled) 'Stop' (disabled)								
	View button enable state (host	Connect to remote host (if necessary)	'Destroy Session' (disabled) 'Record Snapshot' (disabled)								
	connected)	2) select connected node	'Import' (disabled)	Manual	Pass						
			Verify that menu items are shown and enabled/disabled								
			depending on state:								
			'Connect' (enabled) 'Disconnect' (disabled)								
3.7	Node contexts sensitive menu (host disconnected)	Disconnect from node select disconnected node and click right mouse button	'Refresh' (disabled) 'Delete' (enabled)	Manual	Pass						
3.1	accommental	2, select discontinuous mode and click right mode button	Delete (enabled)	Monude	1 033						+
			Verify enable state of view buttons: 'New Connection' (enabled)								
			'Connect' (enabled) 'Disconnect' (disabled)								
			'Refresh' (disabled)								
			'Delete' (enabled) 'Start' (disabled)								
			'Stop' (disabled) 'Destroy Session' (disabled)								
2.0	View button enable state (host	1) Disconnect to remote host (if necessary)	'Record Snapshot' (disabled)								
3.8	connected)	2) select disconnected node if necessary	'Import' (disabled)	Manual	Pass						+
		Select node to delete (state disconnected) and click on button 'Delete'									
	Delete	b) Redo test with context sensitive menu item 'Delete'	V-16. N-1 b-1 b-1 b-1 b-1 b-1 b-1 b-1 b-1 b-1 b		Descri						
3.9	Delete	re-do 3.1 but this time specify a port number other than default	Verify that host is removed from the control view.	Manual	Pass						+
			The connection should rail (unless remote is configured								
3.10	Create Host Connection with ssh port	SSH port 22	for the specified port)	Manual	Pass						

	Session Handling	0.0							
4.1	Preparation	1) Connect to remote host	Verify that menu items are shown and enabled:						+
4.2			'Refresh', 'Create Session', 'Execute Command Script						
4.2	Sessions Context Sensitive Menu	Select 'Sessions' in tree and click right mouse button		Manual	Pass				
4.3	Create Session (default location)	Click right mouse button on 'Sessions' Select Create Session' in the context sensitive menu Senter session name 'MySession', keep 'Session Path' empty 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): Tession name ("eMySession); Session Path" ("ehrome-\user-\user-\user-\user-\user-\user-\user-\user-\user-\under-\user-\under-\user-\und	SWTBot	Pass				
4.4		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)	Manual	Pass				
			(1-Idilidat	. 433				
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 y session 'MySession' already exists in the tree.	Manual	Pass				
4.6	Create Session – session already exists	I) login to the remote host using a command shell 2) type Iting create newSession and press enter. This will create a session which is not know by the Control view. 4) Select "Create Session" in the context sensitive menu 5) Enter session name 'MySession', keep 'Session Path' empt, 6) Select 'OX'.	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))	/ Manual	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) Start (enabled) Start (enabled) Start (enabled) Start (enabled) Import. (enabled) Fenable Channell. (enabled) Fenable Event (default channel)' (enabled) Record Snapshoff (disabled)	Manual	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) 'Bisconnect (disabled) 'Delete (disabled) 'Statr (enabled) 'Statr (enabled) 'Stop' (disabled) 'Destroy Session (enabled) 'Import* (enabled) 'Import* (enabled) 'Record Snapshord (disabled)	Manual	Pass				
4.0		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	SWITROL	Pass				
	Session Context Sensitive menu	Select started session and click right mouse button	Verify context sensitive menu items: "Refresh' (enabled) "Start' (disabled) "Start' (disabled) "Destroy Session' (disabled) "Import' (disabled) "Enable Channel' (disabled) "Enable Channel' (disabled)	Manual	Pass				
4.11	View button enable state (session active)	Select started session	Verify enable state of view buttons: "New Connection" (enabled) "Connect (deabled) "Story (enabled) "Story (enabled) "Temport" (deabled) "Temport" (deabled)	Manual	Pass				
		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.	SWTBot	Pass				
									+
5	Kernel Channel Handling	0.0							+
5.1	Preparation	Connect to remote host Create new Session 'MyOtherSession'	-						
5.2	Enable Channel on session level	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.	Manual	Pass				

5.3	Enable Channel on domain level (changed 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 'Otk'	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.	Manual	Pass										
5.4	Enable Channel – channel already exists	Select domain "Kernel" and right mouse click Select menu item "Enable Channel" Select mannel name (e.g. MyOtherChannel) and keep default values Channel of the Channel of the Channel of the Channel Select the Channel of the Channel	Verify that error dialog box is opened notifying that channel already exists.	Manual	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)	Manual	Pass										
	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)	Manual	Pass										
	Disable Channel	Select channel "MyChannel" and click right mouse button 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	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	Manual	Pass										
6	UST Channel Handling														
6.1	Enable Channel on session level (default values) Enable/Disable Channel	1) Select session and right mouse click 2) Select menu Item Ernable Channel' 3) Enter Channel name MyChannel' 4) Select UST 5) Click on Button 'Default' 5) Click on 'Ok' Redo tests 5.7 and 5.8 with UST channel	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. See 5.7/8.8	SWTBot Manual	Pass Pass										
		Treat total of and the will out of analysis	5.776.5	Pidildat	1 033										
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 O	Verify that default channel (channel()) 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)	SWTBot	Pass										
7.2	Enable Event on domain level (syscalls)	Select domain Kernel and click right mouse button 2) Select menu item "Enable Events (default channel)' Select "Kernel" Select Radio button for 'All Syscalls' Sol Cick on O	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)	SWTBot	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</kernel>	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=WoO1128D, Event Name=MyEvent).	e Manual	Pass		address not allowed Command to change state o Command falled! Command: Ittng -mi xml enable Error Cuptut: Error: Event myEvent: Non-deafult channel exists Return Value: 83 xml version="1.0" encoding="UTF-8"? <command/> -manbe-enable-event-couptures	within session	n: channel nar	me needs to be	e specified with	h '-c name' (c	hannel <default:< td=""><td>t>, session My</td><td>tyOtherSessi</td></default:<>	t>, session My	tyOtherSessi
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. consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the consequence of the con	Verify that event with name "MyOtherEvent' is added under the respective channel with state ENABLED. Verify properties view show correct values when of the very channel with the very channel with the very channel of the very c	Manual	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: fttng -mi xml enable Error Ought! Error Ought! Output: Outpu						el <default>, se: :nabled>false<!--/</td--><td></td><td></td></default>		
7.5	Disable Event	Select multiple events (tracepoint 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	Manual	Pass										
7.6	Enable Event (tracepoint events)	Select multiple disabled events and click right mouse buttor 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	Manual	Pass										
7.7	Enable Event (probe events)	Select a probe event (function or dynamic probe) disabled events and click right mouse button Select Enable menu item	Verify that selected events are enabled (enabled event icon is shown, state ENABLED is shown in Properties view, menu tem 'Disable' is enabled and menu item 'Enable' is disabled	Manual	fail	Control view sends always addstracepoint to the command even if the event is a probe event. Up to LTTng 2.6 this was not an issues. However, in LTTng 2.7 it creates an event entry of type tracepoint even if that tracepoint event doesn't exist. Therefore in LTTng 2.7 it son to possible to re-enable a probe event. Moreover, LTTng 2.7 requires the whole probe command-line (e.g. Ilfing enable-event bla -k – probe thritmer_init) to re-enable a probe event. see Bug 48658									
7.8	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 points	Manual	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 channet)' 3) Select 'UST' 4) Select Radio button for 'Tracepoint Events' 5) Select to plevel tree node 'All' 6) Click on Ok	Verify that default channel (channelo) 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)	Manual	Pass						
8.2	Enable Event on domain level (wildcards)	Select domain 'UST global' and click right mouse button 2) Select menu item 'Enable Events (default channel)' Select Radio button for Wildcard' Henter a wildcard (e.g. ust') Click on Ook	Verify that event with wildcarded name (e.g ust¹) 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)	Manual	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' 5) Select Gale veril TRACE_ERR 6) Select radio button for loglevel 7) Click on Ok	Verify that event with name "NyEvent" is added under the respective channel with state ENABLED. Verify event in the tree (Event Type "TRACEPOINT" State=ENABLED. Log Level=<=TRACE_ERR, Event Name=MyEvent	SWTBot	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 leve oly)	1) Select a channel (create if necessary) and click right mouse button button 2) Select menu item "Enable Events" 3) Select Radio button for Log Lever 4) Select of Selever Track'E INFO ent 5) Select of Selever Track'E INFO ent 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. selecting a event in the tree (Event Types TRACEPOINT, State=ENABLED, Log Level==TRACE_INFO, Event Name=MyOtherEvent).	, Manual	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 (tracepoint events)	Redo tests 7.5 and 7.6 with UST tracepoint events	See 7.5/7.6	Manual	Pass						
8.6	Enable/Disable Event (tracepoint events)	Redo tests 7.5 and 7.6 with UST (loglevel/loglevel-only) events	See 7.5/7.6	Manual	Fail	DisablingEnabling of loglevel/loglevel_only events causes tracepoints events (see Bug 486658)					
8.7	Enable Tracepoint Event using filter in tree (Bug 450526)	Create Session 2) Select session, right-mouse click and select 'Enable Events (default channel)' Select session, right-mouse click and select All 4) Click on Ok	Verify that only the selected trace points (filtered) are enabled and not all UST trace poionts	Manual	Pass						
9	Contexts Handling										
9.1	Add Context (to channel)	Select kernel channel and click right mouse button Select menu item "Add Contexts" Sepand tree and select some contexts (e.g prio, procname, 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.	Manual	Pass		duplicated event, and gives a failure. Command to change state of events failed. Command: to change state of events failed command: throgged command: through throgged command: throgged command: through throgged command: throgged command: through throgged command: through throgged command: through th				
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, vpkd and vtd 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	Manual	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, price) and tree and select some contexts (e.g. prio, procname, price). 8) Explored to the select some contexts. 1) Explored to the select some contexts.	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.	Manual	N/A	Per event adding of context is not supported by LTTng Tools anymore (starting from LTTng 2.2)					
	- 11 - 1 / 2 - 11 -										
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.	Manual	Pass						

Enable UST Events Importing to Project	4) Select multiple UST Tracepoint events under Providers -> UST Processes 5 click right mouse button 6 select menu item Enable Event 7) Select newly created session 9) Select ToX Select ToX Select ToX	Verify that selected events are added under the selected channel and are ENABLED.	Manual	Pass										
	Enable all Kernel sycalis Enable all UST events													
import to project	1) Select session from 111 and click right mouse button	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 with name Remote and its Traces folder. Verify that for the kernel trace the trace type "LTTing Kernell Trace" is set and for the UST traces to the trace type "LTTing UST Trace" is set. Create Experience select all traces and onen.	Manual	Pass										
	Repeat step 1 – 3 of test case 11.2 In dialog box select 'Overwrite' (kernel trace) In dialog box select 'Overwrite' (UST trace, re-do if more than 1 UST trace)	Verify that traces are imported and existing traces are overwritten	Manual	Pass										
	1) Repeat step 1 – 3 of test case 11.2 2) in dialog box select 'Overwrite All' 1) Reneat sten 1 – 3 of fest case 11.2	Confirmation dialog only shows once. Verify that traces are imported and existing traces are overwritten	Manual	Pass										
Import to project (Rename)	2) In dialog box select 'Rename' (kernel trace) 3) In dialog box select 'Rename' (UST trace, re-do if more than 1 UST trace)	Verify that traces are imported with a different name	Manual	Pass										
Import to project (Rename All)	1) Repeat step 1 – 3 of test case 11.2 2) In dialog box select Rename All' 1) Repeat step 1 – 3 of test case 11.2 2) In dialog box select 'Skip' (kernet trace) 3) In dialog box select 'Skip' (kernet trace)	Confirmation dialog only shows once. Verify that all traces are imported with a different name	Manual	Pass										
import to project (Skip)	1) Reneat sten 1 = 3 of test case 11.2	Confirmation dialog only shows once. Verify that all	Manual	Pass										-
Import to project (Skip All) Refresh	2) In dialog box select 'Skip All'	traces are skipped	Manual	Pass										
	Press refresh button and context sensitive menu item for different selections	Verify that the Control View is refreshed.	Manual	Pass										
Calibration														-
Preparation	†) Greate new session 2) Enable all Kernel Tracepoint events 3) Enable all Kernel sycalis 4) Enable all UST events													
Galibrate	1) Start Tracing 2) Select Domain Kernel' and click right mouse button 3) Select menu item Galibrate 4) Redo step 2-3 with domain "UST-global" 5) Selop tracing and the selection of the selectio	Verify that Calibrate command is executed without error: The test case is 10 Does if no Error occurred: See also calibrate section in link below for a Use Case of that feature. http://titting.org/files/doc/man- pages/man1/itting-1.ntml	Manual	N/A	Calibrate was removed since not fully implemented in LTTng runtime									
														+
	vourself (e.g. on Virtualbox) or install it locally on your native													
	Connect to remote host Create new Session 'FilterSession'													
ir i	nable UST Events Importing to Project Interparation Inport to project Inport to project (Override) Inport to project (Override) Inport to project (Rename) Inport to project (Rename All) Inport to project (Rename All) Inport to project (Skip)	See step 0] 2 Create a new season 3 Create a new season 3 Create a new season 4 Select multiple UST Tracepoint events under Providers -> (UST Process) 5 Cick right mouse button 6 Select new new item Enable Event	Select stags of	Case a face of the content of the	See about 1 Content of the property of the selection of the property of th	Since the control of	The common of the project of the common to the project of the project of the common to the project of the project of the common to the project of the common to the project of the project of the common to the project of the common to the project of the project of the common to the project of the common to the project of the common to the project of the project of the common to the project of the common to the project of the project of the common to the common to the common to the project of the project of the common to the common to the common to the common to the project of the common to the co	The project Character All 1 and case and project and the project Character All 2 and case	See of the control of	The paper of the p	1	The control of the co	1	Part Part

14.3		1) Select session and click right mouse button 2) Select menu item "Enable Events (default channel)" 3) Select VST" 4) Select Radio button for 'Tracepoint Events' 5) Select one Tracepoint 6) Enter filter expression on a event field 7) Click on OX.	Verify that default channel (channel()) 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).	Manual	Pass					
14.4		1) Execute 14.3 2) Select one UST Tracepoint event under Providers -> <ust process=""> 3) clack from usuae button 3) clack from uten Erable Event' 5) Select newly create session and channel 6) Enter filter expression on a event field 7) Click on 10%.</ust>	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.	Manual	Pass					
14.5		Start Tracing Start Tracing Start Tracing after a view seconds Import Trace to Project Open Trace Special Season	Make sure that only events are shown in the events table that met the condition in the filter expressions	Manual	Pass					
15	Create Session With Advanced Options LTTng v2.1)									
15.1		For the tests below a Ubuntu machine with LTTng 2.1 installet (with titrng tools 2.1.x) is required. Either create a VM machine Ubuntu (if correct version). Make sure that the root session dearnon is running (subd titrng list-k) and have one UST process running (e.g. from lttng-tools git repository under testshello.cox).								
15.2	Create Session Dialog - Advanced Button	1) Open Create Session Dialog box 2) Select *Advanced >>> 3) Select *<= Kasic*	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)	Manual	Pass					
15.3	Create Session Dialog - Check box "Use same protocol and address for data and	 Uncheck checkbox"Use same protocol and address for data 		: Manual	Pass					
	Create Session Dialog - Protocol list	Open Create Session Dialog box and select "Advanced" >>>"	Verify that the data protocol dropdown menu shows net, net6 and file	Manual	Pass					
		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	Manual	Pass					
15.6	Create Session Dialog - Protocol propagation	Open Create Session Dialog box, select "Advanced >>>" Select net6 for Control Protocol 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	Open Create Session Dialog box, select "Advanced >>>" Enter IP address	After 2) verify that the IP address is propagated to the data address field	Manual	Pass					
15.8	Create Session Dialog - Protocol	1) Open Create Session Dialog box and select "Advanced >>> Uncheck checkbox "Use same protocol and address for data and control" 31 Select tep for ontrol protocol and tep6 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	Manual	Pass					
15.0		1) Open Create Session Dialog box and select "Advanced >>> ** In the session name, select file protocol and enter directory implest Traces in address field and press ok the common selection in the	Verify that the traces are stored on the remote host under /mp/testTraces/session name + date-/kernel and /mp/testTraces/session name + date-/kernel date-/ks/tespication(s)> repectively. After 2) make sure that the Session Path in the Property View shows the URL with the configured parameters 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.	Manual	Pass					
15.10	Create trace with file protocol and trace	1) Open Create Session Dialog box and select "Advanced >>>* 2) Enter session name, select file protocol and enter directory implting fraces in address field, enter newPath in "Trace 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 imprest Traces/rew/Path/Veriel and /Imp/test Traces/rew/Path/Veriel and /Imp/test Traces/rew/Path/Veriel and /Imp/test Traces/rew/Path/Veriel (Imp/test Traces/rew/Path/Veriel) (Imp/test Traces/rew/Path/Veriel) (Imp/test Traces/rew/Path/Veriel) (Imp/test Traces/rew/Path/Veriel) (Impress)	Manual	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: Ittng-relayd) 2) Open Create Session Dialog box and select "Advanced" 3>> 3>> 3>> 3>> 3>> 3>> 3>> 3>> 3>> 3>	After 3) make sure that the Session Path in the Property	Manual	Pass						
15.12	Create trace with tcp protocol and port	Import traces to a existing tracing project	Verify that the traces are stored on the Eclipse local machine under /home/-user name-/ittn-draces/remote machine name-/resesion name + date-/kernel and /home/-user name-/resesion rame + date/kernel and /home/-user name-/titn-draces/-remote machine name-/resesion name + date-vised-remote machine name-/resesion name + date-vised-remote machine (name-/resesion name + date-vised-remote machine) repectively. After 4) make sure that the Session Path in the Property View shows the URL with the configured parameters 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 project and project is opened that after selecting a project and pressing nact the default trace import vizard opens. Then verify that it is possible to transfer the traces to the tracing project.	Manual	Pass						
		1) Start relayd on Eclipse local machine (default settings: Ittng-				No way to specify destination in tracing project. No check for name collision of the trace name					
15.13	Live Streaming Session (UST) - Initial implementation	relavd) 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 Ecipse local machine in address field, keep address of Ecipse local machine in address field, keep soft press of the selection of the select	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	Manual	Fail	Not possible yet to trace per IPID MLM. Analysis were cannot be opened Comment on Trace Compass 1.2 testing (with LTTng 2.7): - Session creation, importing and opening of trace works (per UID only): The relevant views are not updated when new data arrives. Trouble-incoling shows that there are too many Triff race/Rangulgotad signal sent and the receivers cannot process here. They are only processes after passing the tracing session and watering come time. Bug design.					
		1) Start relayd on Eclipse local machine (default settings: Ittng-									
15.14	Live Streaming Session (Kernel) - Inititia Implementation	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 Ecipse local machine in address field, keep defaults for Live Connection and Live Delay, and press ok 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	Manual	Fail	Performance needs to be investigated. Comment on Trace Compass 1.2 testing (with LTTing 2.7): - Session creation, importing and opening of trace works The relevant views are not updated when new data arrives. Triff Inca-Stangal, Joseph Stangard (with the process process price). They are only processes group are only processes price in the process price in the part only processes and waiting some time. Bug 460727					
16	Preferences										
	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)	Manual	Dage						
	Enable Logging	In Tracer Control Prierences, check checkbox Logging	Verbose Level radio buttons will be enabled	Manual	Pass						
	Disable Logging	In Tracer Control Prferences, uncheck checkbox Logging	Verbose Level radio buttons will be disabled	Manual	Pass						
	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	Manual	Pass						
16.5	Test Verbose Logging (Level 1)	Secute 16.2 Select verbose level Level 1 Execute some commands (e.g. create session, enable event)	Make sure that log file contains the executed commands with -v option (e.g. Ittng -v create session) and the command replies come with debug information	Manual	Pass	This makes no difference for Lttng 2.6 in mi mode					
16.6	Test Verbose Logging (Level 2)	Execute 16.2 Select verbose level Level 2 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	Manual	Pass	This makes no difference for Lttng 2.6 in mi mode					
16.7	Test Verbose Logging (Level 3)	Execute 16.2 select verbose level Level 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	Manual	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)	Manual	Pass						
16.9	Change Tracing Group	Change Tracing group (e.g. tracing2) and execute a command (while logging enabled)	Verify that Ittng command is executed with command line option -g <group>. Ignore any command reply errors (if any)</group>	Manual	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	Manual	Pacc						
		Reset to defaults	Verify: Group=tracing, Logging is deselected, Append is deselected, Verbose Level=None), and Command Timout is 15		7 633						
16.11	Reset	reset to detaults	Timout is 15	Manual	Pass						-
17	Create Channel with advance features (LTTng 2.2 features)										
									-		

		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							
17.1		process running (e.g. from lttng-tools git repository under tests/hello.cxx).							
17.2	Configure Metadata channel (kernel)	Create and select session and click right mouse button Select menu item "Enable Channel" Select Checkbox 'Configure metadata channel' Update all text boxes Click on 'OS' Click on 'OS'	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.	Manual	Pass				
			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			Command is successful. However tracer doesn't create metadata channel			
17.3	Configure Metadata channel (UST)	1) Re-do 17.2 with a UST channel	metadata.	Manual	Pass	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 in Chansel name 5) Fill in channel name 6) Fill in 104875 in "Maximum size of trace files' and also 'Sub 8 Buffer Size' 6) Fill in 1048 in Maximum number of trace filesfiles' 7) Finable 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	Manual	Pass	Kernel trace is generated corretly with LTTng 2.5.4			
		Create and select session and click right mouse button							
		1) Create and select assessed and select signification of the control of the channel name. 3) Fill in Channel name 3) Fill in Cast 44 in Maximum size of trace files' and also 'Sub Buffer Size' 6) Fill in 282*44 in Maximum number of trace filesfiles' 7) Click on 'Ok' 8) Enable all UST events	After 9) verify on the trace node that trace files are not						
17.5	Configure File rotation (ust)	9) Start, wait and stop tracing.	bigger than 262144 bytes	Manual	Pass				
		Create and select session and click right mouse button Select menu item 'Enable Channel' Select UST Select Kernel 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						
17.6	Buffer Type - toggle UST/kernel		buffer type is selected	Manual	Pass				
17.7	Default UST Buffer Type	Create and select session and click right mouse button Select menu item "Enable Channel" Select UST Enter Channel Name 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	Manual	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 3) Select UST 4) Select UST 5) Enter Channel Name 6) Select UST 6) Select US	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	Manual	Pass				
	,	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	Verify after 6) that the per-pid buffer type is configured for that channel (see properties view). After 10) make						
17.9	per UID UST Buffer Type	9) Start, wait and stop tracing. 10) Import trace	sure that only one trace is created even multiple UST applications are running.	Manual	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							
10.4	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'	Verify that new session is added under the Session tree node. Verify properties in Properties view (by selecting 'Session name' (=MySession) 'Session name' (=MySession) 'Snapshot (D' (=1) 'Snapshot (=1) 'State' (=1) 'ACTIVE) 'Make sure that the button and menu item 'Record Snapshot is disabled	Manual	Pass				
	Enable Kernel Event	o) ociou on	Verify that channel and events a successful enabled	Manual Manual	Pass Pass				
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								

			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						
18.3	Start Session	a) Select session and click on button 'Start' b) Redo test with context sensitive menu item 'Start'	Snapshot' is enabled. Also make sure that the Button and menu item 'Import' is enabled.	Manual	Pass				
		select session and record 2 snapshots: Once with button 'Record Snapshot' and once with context-sensitive menu item							
18.4	Record snapshot	'Record Snapshot'	Commands succeed without error	Manual	Pass				
		session name ustSession (as described in 18.1)	Make sure that snapshot session is created successfully		Pass				
		Enable all UST events see 18.3	Verify that channel and events a successful enabled see 18.3	Manual	Pass Pass				
18.8	Record snapshot over multiple sessions	Select kernel and ust session (see 18.1 and 18.5) and click on	Command succeeds without error	Manual	Pass				
10.0	record anaparot over multiple sessions		Verify that 4 snapshots are available (3 kernel and 1 UST). Verify that all snapshots are imported to the	ividiludi	1 033				
18.9	Import traces	Open Import dialog (see 11.2)	UST). Verify that all snapshots are imported to the selected tracing project	Manual	Pass				
18.10	Stop and destroy sessions	Stop and destroy both sessions	Verify that sessions are destroy successfully	Manual	Pass				
		1) Start relayd on Eclipse local machine (default settings: Ittng-relayd)							
		relayd) 2) Open Create Session Dialog box, select 'Snapshot Mode'and select "Advanced >>>"							
		Enter session name, select net protocol and enter IP address of Eclipse local machine in address field and press of Eclipse local machine in address field and press of the second	c c						
		Enable events (UST and Kernel), start tracing, and recored a few snapshots, stop tracing Import traces to a existing tracing project	Make sure that all steps were successfull. Also, import the traces using the standard import instead of the			Management of the second secon			
18.11	Network snapshot session	6) Destroy session	remote import	Manual	Pass				
						This is supported in LTTng but not in Trace Compass. Note that the session has to be started at least once otherwise the command will fail. Bug Bug 486586			
18.12	Record snapshot when session is inactive				Pass				
19	Command Script								
		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	Manual	Pass				
.0.1	Silve commune onpt			monual	. 633				
20	Session Profiles		Make sure that the session is saved under						
20 1		Create Tracing session Select session and click right mouse button Select Menu item "Save" Select 'OK'	~/.lttng/sessions. Make sure that session is availabe in the workspace by opening Window->Preferences -> Tracing -> LTTng Remote Profiles	SWTBot	Pass				
20.1	Odve Session	4) Select OK	Make sure that the session is saved under	SWIDOC	7 033				
20.2	Save session (2)	1) Re-do 20.1 (use same session name)	~/.lttng/sessions. Make sure that session is availabe the user is prompted to skip or overwrite the profile in the workspace	Manual	Pass				
		1) Re-do 20.1			1 033				
20.3	Save session (no force)	but deselect force button	The save command will be rejected by LTTng Tools	Manual	Pass				
	destroy all sessions								
		Select group "Sessions" and click right mouse button Select Menu item "Load" Select a existing profile (from Local)							
20.4	Load Session (local)	4) Select 'OK'	Make sure that the session is created	SWTBot	Pass				
	destroy all sessions								
		Select group "Sessions" and click right mouse button Select Menu item "Load"							
		Select "Remote" Select a existing profile (from Remote)							
20.5	Load Session (remote)	5) Select 'UK'	Make sure that the session is created	Manual	Pass				
20 6	Open preference (1)	Select group "Sessions" and click right mouse button Select Menu item "Load" Select "Manage"	Make sure that the LTTng Remote Profile preference page opens	Manual	Pass				
		Open Preferences (Menu -> Preferences -> Tracing -> LTTng Remote Profiles		Manual	Pass				
20.1			page opens	Mailudt	rass				
		Open Preference page (see 20.7) Select multiple profiles Click on "Export"							
20.8	Export profile	3) Select destination directory and click on "OK"	Make sure profile is exported to the destination directory Make sure that user is prompted about to overwrite or	Manual	Pass				
20.9		Redo 20.10	skip existing profile	Manual	Pass				
20.12		Open Preference page (see 20.7) Click on "Import" Select a profile on media and click on "OK"	Male and another in terror day						
			Make sure profile is imported and available in workspace Make sure that user is prompted about to overwrite or		Pass				
20.11	, , , , , , , , , , , , , , , , , , , ,	1) Redo 20.8	skip existing profile	Manual	Pass				-
		Open Preference page (see 20.7) Select multiple profiles	Mala anna anglis (a) ann dalaka faran kanna i						
20.12	Delete profile	3) Click on "Delete" 3) Confirm deletion	Make sure profile(s) are delete from the workspace and disk	Manual	Pass				
21	Kernel Event Filtering (LTTng 2.6)								

14.1		For the tests below a Ubuntu machine with LTTng 2.1 installed (with liting tools 2.6.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 lting its -k) and have one UST process running (e.g. from lttng-tools git repository under testshello.c.x).							
14.2	Preparation	Connect to remote host Create new Session 'FilterSession'							
14.3	Enable Kernel Event on session level	1) Select session and click right mouse button 2) Select menu item 'Enable Events (default channet)' 3) Select 'Kernet' 4) Select Radio button for 'Tracepoint Events' 5) Select one tracepoint 6) Enter filter expression on a event field 7) Click on 'O', 7) Click on 'O', 7	Verify that default channel (channel() is create under domain 'Kernel' 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.)	SwtBot	Pass				
14.4	Enable Kernel Event from provider	1) Execute 14.3 2) Select one Kernel Tracepoint event under Provider "Kernel" 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 'O', Click'	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.	SwtBot	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	Manual	Pass				

1.2.0-TraceCompassTestCases - GDBTracing

	Section	Pass	Fail	Туре	To Do	Comment
	GDB Tracing	26	0	0	0	0
Target	: Ubuntu 14.04 64 bit	20	V	U	U	<u> </u>
rarget	Obdited 14.04 04 bit					
Step	Test Case	Action	Verification	Туре		Comment
1	Preparation					
1.1	Step 1	Open and reset the GDB Trace perspective	GDB Trace perspective opens with correct views	Manual	Pass	
1.2	Step 2	Open Navigator View (used for independent verification)	Navigator View opens	Manual	Pass	
_						
2	Project Creation					
2.1	New Project Wizard	Open New Tracing Project Wizard	Tracing Project Wizard opens	Manual	Pass	
2.2	Create project	Specify a project name and finish	Tracing project appears in Project Explorer	Manual	Pass	
2.3	Project structure	Close and open the new Tracing project	Project contains the Traces folder	Manual	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,)	Manual	Pass	
		·			Pass	
3.2	Trace Import Wizard	Select Import Trace	Trace Import Wizard appears	Manual		
3.3	Import traces	Select a GDB Trace from samples directory and finish	Imported traces appear in Folders with proper icon	Manual	Pass	
4	Trace Configuration					
	3		Verify that an Error Dialog opens that notfiles the user to select			
4.1	Project/executable selection	Double-click on an un-configured trace	the trace executable	Manual	Pass	
		1) Right mouse click on trace				
4.2	Select Trace Executable	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)	Manual	Pass	
4.3	Open configured trace	Double-click on a configured trace	Trace is opened, events table and views are populated	Manual	Pass	
4.5	Open configured trace	Double-Click on a configured trace	rrace is opened, events cable and views are populated	Manuat	L 033	
5	Source Code Lookup					
			The corresponding source code location is selected in the source			
5.1	Select event	With mouse select an event in events table	code file.	Manual	Pass	
5.2	Select another event	redo 5.1	The corresponding source code location is selected in the source code file.	Manual	Pass	
3.2	Setece dilociter evene	1000 3.1	eode me.	Manage	1 433	
6	Events Table Navigation					
			Each keystroke modifies the selected event and the corresponding			
6.1	Arrow keys	Update the current event using up/down keys within window	source code location is selected in the source code file.	Manual	Pass	
			Table is refreshed to display new current event and the corresponding source code location is selected in the source code			
6.2	Scrolling	Update the current event using up/down keys outside windo		Manual	Pass	
6.3	PgUp/PgDn	Update the current event using PgUp/PgDn keys	Table is scrolled accordingly	Manual	Pass	
	•		Table jumps from first to last event and the corresponding source			
6.4	Home/End	Update the current event using Home/End keys	code location is selected in the source code file	Manual	Pass	
7	Events Searching & Filtering					
7.1	Search	In the search bar, enter some RE	Events corresponding to the RE are highlighted	Manual	Pass	
7.1	Navigation	·	Next/previous highlighted event selected accordingly	Manual	Pass	
			,, , , , , , , , , , , , , , , , , , , ,			
7.3	Un-search	In the search bar, clear the RE	Events are displayed normally	Manual	Pass	
7.4	Filter	In the filter bar, enter some RE	Only events matching RE are displayed	Manual	Pass	
7.5	Un-filter	Ithe filter bar, clear the RE	Events are displayed normally	Manual	Pass	

1.2.0-TraceCompassTestCases - GDBTracing

7.6	Filter & Search	In the filter bar, enter some RE; likewise in the search bar	Events are filtered and highlighted accordingly	Manual	Pass
7.7	Search & Filter	In the search bar, enter some RE; likewise in the filter bar	Events are filtered and highlighted accordingly	Manual	Pass
8	Events Synchronization				
8 8.1	Events Synchronization Synch from Events View	Click on an event in the Events View	Trace Control View is updated; Debug View is updated	Manual	Pass

1.2.0-TraceCompassTestCases - RCP

	Section	Pass	Fail		To Do	Comment
	Tracing RCP	33	0	0		2
Target	Ubuntu 14.04 64 bit		•			
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	Manual	Pass	
1.2	Start Tracing RCP with text trace	Open RCP from command line with —open <trace absolut="" name="" path="" with=""></trace>	Trace will be opened with auto-detected trace type	Manual	Pass	
1.3	Start Tracing RCP with previously opened text trace	Open RCP from command line with —open <trace absolut="" name="" path="" with="">. Use same trace than 1.2</trace>	Verify that the same trace that was previously linked into the Traces folder is opened and not a new trace entry is created	Manual	Pass	
1.4	Start Tracing RCP with Kernel CTF trace	Open RCP from command line with —open <kernel absolut="" name="" path="" trace="" with=""></kernel>	Tracing RCP is opened, the trace is linked to the Tracing project, the kernel analysis trace type is selected and trace is opened.	Manual	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 withopen <kernel absolut="" name="" path="" trace="" with="">. Use same trace than 1.4</kernel>	Verify that the same trace that was previously linked into the Traces folder is opened and not a new trace entry is created	Manual	Pass	
1.6	Start Tracing RCP with new trace with name conflict	Open RCP from command line withopen <trace absolut="" name="" path="" with="">, where the name of trace is the same than 1.2, but the trace is located at a different location on disk</trace>	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.	Manual	Pass	
1.7	Re-do 1.6		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.	Manual	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	Manual	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	Manual	Pass	
2.2	Open Trace (File) with	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	Manual	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.	Manual	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	Manual	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.	Manual	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.	Manual	Pass	
2.7	Open file	Open file that is not a trace	Trace is imported (linked) however default icon (from Eclipse) is set	Manual	Pass	

1.2.0-TraceCompassTestCases - RCP

			Verify that RCP is restarted with the previously open perspective			
2.8	Restart	Use Menu File -> Restart	and trace	Manual	Pass	
2.9	Exit	Use Menu File -> Exit	Tracing RCP exits	Manual	Pass	
3	Window Menu					
3.1	Open Perspective	Use Menu Window -> Show Perspective -> Tracing Perspective	Tracing perspective is opened	Manual	Pass	
3.2	Open View	Use Menu Window -> Show View -> Select Tracing -> Sequence Diagram	Sequence diagram view is shown	Manual	Pass	
3.3	Preferences	Use Menu -> Preferences	Preferences dialog is shown	Manual	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	Manual	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.	Manual	Pass	
				Manual	Pass	
4	Help Menu					
4.1	Help Contents	Use Menu -> Help -> Help Contents	Help content browser is opened. All Tracing related help is included	Manual	Pass	
4.2	Help Contents (shortcut)	Use key F1	Help content browser is opened. All Tracing related help is included	Manual	Pass	
4.2	Install new Software	Use Menu -> Help -> Install New Software to install new Eclipse feature	Installation is successful	Manual	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.	Manual	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	Manual	Pass	
5	Content					
5.1	TMF presence	Open Tracing perspective	Tracing perspective opens	Manual	Pass	
5.2	LTTng presence	Open LTTng Kernel perspective	LTTng Kernel perspective opens	Manual	Pass	
5.3	PCAP Network analysis presence	Open Network analysis perspective	Network analysis perspectiv opens	Manual	Pass	
5.4	BTF presence	Open BTF trace	BTF trace opens correctly	Manual	Pass	
6	Upgrade					
6.1	Upgrade from previous release	Use Help -> Check For Updates	RCP is upgraded	Manual	Pass	Tested with RC1

1.2.0-TraceCompassTestCases - LTTng 2.0 - Memory analysis

	Section	Pass	Fail	Туре	To Do	Comment
	LTTng 2.0 - Memory Analysis	18	2	2	0	11
Target	: Ubuntu 14.04 64 bit					
Step	Test Case	Action	Verification	Type		Comment
Step	rest case	Action	Verification	Туре		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	Note: Traces generated with LTTng 2.7 and later won't populate the view because the libc tracepoint names were changed. https://bugs.eclipse.org/bugs/show_bug.cgi?id=470186			
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	Decise Niew					
1	Project View Check analysis can	In the project explorer, expand the trace				
1.1	execute	that contains the memory events	"Ust Memory" analysis is present and "normal"	Manual	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.	Manual	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	Manual	Pass	The trace need to be opened
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	Manual	Pass	
1.5	Check analysis for another trace type	In the project explorer, expand a LTTng Kernel trace	"Ust Memory" analysis is not present	Manual	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	Manual	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	SWTBot	Pass	
2.3	Close trace	Close the trace	The UST Memory Usage view is emptied.	Manual	Pass	
2.4	Open trace	With the view already opened, open the trace	The UST Memory Usage view is populated.	SWTBot	Pass	View not populated. Bug 467751
2.5	Close view	Close the UST Memory Usage view	The view is closed.	Manual	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.	Manual	Pass	

1.2.0-TraceCompassTestCases - LTTng 2.0 - Memory analysis

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	Manual	Pass	But while dragging, nothing visible happen
3.2	Zoom time range (mouse wheel)	Zoom with mouse wheel up and down,	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.	Manual	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.	Manual	Pass	
3.4	Mouse hover	Hover mouse in xy chart anywhere	Tool tip shows values for each thread at the given timestamp	Manual	Pass	
3.5	Drag mouse selection	Drag select xy chart with left button	Selection highlighted. New selection is propagated to other views	Manual	Pass	
3.6	Shift key selection	Click select with left button (begin time), press shift key and click select another time (end time)	Selection highlighted. New selection is propagated to other views	Manual	Fail	Second click-select just select the timestamp, no range
3.7	Drag mouse selection (Status bar)	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 first selected time, T2 the second (dragged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	N/A	Status bar is not updated. Note that the status bar hasn't been implemented for XY charts. So we should not test for it
3.8	Shift key selection (Status bar)	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 first selected time, T2 the second (draggged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	N/A	Status bar not updated
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.	Manual	Pass	
4.2	Time range synchronization	Select a new time range in UST Memory Usage view or in Histogram view.	Time range is updated.	Manual	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	Manual	Fail	View does not include T1 outside current range

1.2.0-TraceCompassTestCases - LTTng 2.0 - CPU analysis

	Section	Pass	Fail	Туре	To Do	Comment			
			rait	0		6			
	LTTng 2.0 - CPU Analysis	23	Z	U	U	6			
Target	:								
Step	Test Case	Action	Verification	Туре		Comment			
Step	Test Case	Action	Verificación	гуре		Comment			
0	Prerequisites								
0.1		Import LTTng Kernel traces in Tracing project							
1	Project View	pg							
1.1	Check analysis can execute	In the project explorer, expand a LTTng Kernel trace	"CPU usage" analysis is present and "normal"	Manual	Pass				
1.2		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	Manual	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	Manual	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	Manual	Pass				
2.2	Open view		The CPU usage Usage view opens and triggers the cpu analysis. After the analysis, both tree viewer and xy charts are populated.	Manual	Pass				
2.3	Close trace	Close the trace	The CPU Usage view is emptied.	Manual	Pass				
2.4	Open trace	With the view already opened, open the trace	The CPU Usage view is populated.	Manual	Pass				
2.5	Close view	Close the CPU Usage view	The view is closed.	Manual	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.	Manual	Pass				
3	View selection								
3.1	Select an entry		A new series is added to the xy chart, corresponding to the selected TID	Manual	Pass				
3.2	Select another entry		A new series is added to the xy chart, and the previous TID's series is not displayed anymore	Manual	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.	Manual	Pass	But while dragging, nothing visible happens			
4.2	Zoom time range (mouse wheel)		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.	Manual	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.	Manual	Pass				
4.4	Vertical scroll bar	Click and drag vertical scroll bar	Tree viewer scrolls up and down. Selected process does not change.	Manual	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.	Manual	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	Manual	Pass	It would be nice to display the process name instead of the tid.	It would also be nice	to crop the percenta	age

1.2.0-TraceCompassTestCases - LTTng 2.0 - CPU analysis

4.7	Drag mouse selection	Drag select xy chart with left button	Selection highlighted and selection range is propagated to other views	Manual	Pass			
4.8	Shift key selection		Selection highlighted and selection rang is propagated to other views	Manual	Fail			
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.	Manual	Pass			
4.10	Drag mouse selection (Status bar)		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 first selected time, T2 the second (draggged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	N/A	Status bar is not updated. Note that the status bar hasn't been implemented for XY charts. So we should not test for it		
4.11	Shift key selection (Status bar)	Click select with left button (begin time), press shift key and click select another time (end	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 first selected time, T2 the second (draggged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	N/A	Status bar not updated		
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.	Manual	Pass			
6	Synchronization							
6.1	Time synchronization		Selected time line is updated. If selected time is outside current range, time range is updated to include it.	Manual	Pass			
6.2	Time range synchronization	Select a new time range in CPU usage view or in Histogram view.	Time range is updated.	Manual	Pass			
6.3	Time range selection synchronisation	In any other view that supports range	Selection is highlighted. If the most left time (T1) of selected time range is outside the current range, then time range is updated to include it	Manual	Pass			
	CPU usage works with experiments			Manual	Fail			

${\tt 1.2.0-Trace Compass Test Cases-Trace Synchronization}$

	Section	Pass	Fail		To Do	Comment
	Trace Synchronization	12	1	0	0	4
Targe	t:					
Step	Test Case	Action	Verification			Comment
0	Prerequisites					
0.1	Import traces	Import the scp_dest and scp_src traces in the synctraces.tar.qz 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 \rightarrow Show View \rightarrow Other \rightarrow Tracing \rightarrow Synchronization	Verify that 'Synchronization' view is shown	Manual	Pass	This view should be in properties
1.2	Delete view	Close the Synchronization View	Synchronization' view is removed from perspective	Manual	Pass	The view also makes no sense to mere mortals.
1.3	Open view	Use menu Window \rightarrow Show View \rightarrow Other \rightarrow Tracing \rightarrow Synchronization	Synchronization' view is displayed and remains empty	Manual	Pass	
1.4	Open Experiment	Open the experiment containing the 2 synchronizable traces	Verify that the view is still empty	Manual	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.	Manual	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	Manual	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	Manual	Pass	
1.7	Open trace	Open an Lttng Kernel trace	Synchronization view is empty	Manual	Pass	
1.8	Re-open experiment	Open the experiment containing the 2 synchronized traces	View shows synchronization data from the experiment	Manual	Pass	
1.9	Restart	Restart Eclipse	Verify that view is populated with synchronization data from experiment	Manual	Pass	
2	Functionnalities					
2.1	Open experiment 2	Open the experiment containing traces that do not synchronize	Verify that the 'Synchronization' view is empty	Manual	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	Manual	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'	Manual	Fail	Absent is not displayed, view is empty

1.2.0-TraceCompassTestCases - XMLanalysis

	Section	Pass	Fail	Type	To Do	Comment
	XML analysis	39	0	0		6
Targe	et: Ubuntu 14.04 64 bit		· ·	•	•	
1	v. Counta i no i o i o i					
Step	Test Case	Action	Verification	Type		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/Xml4Tra ces/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.tracecompas s.tmf.analysis.xml.core/xml_files. Delete the linux kernel XML file if it exists.</workspace>	NOTE: XML haven't files haven't been update to latest Kernel tracepoints and syscall changes. So, they only work with trace LTTng 2.5 and older			
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	Manual	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	Manual	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'	Manual	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	Manual	Pass	
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.	Manual	Pass	
2.4	Close view	Close the XML view	The view is closed	Manual	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.	Manual	Pass	
2.6	Close traces	Close all opened traces	The view is emptied.	Manual	Pass	
2.7	Open trace	Open an LTTng Kernel trace	The view is populated	Manual	Pass	
2.8	Open another trace	Open a non-LTTng Kernel trace	The view is emptied.	Manual	Pass	The root entry which corresponds to the trace name is still visible in the view.
2.9	Open LTTng Kernel trace	Open an LTTng Kernel trace	The view is populated.	Manual	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.	Manual	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.	Manual	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.	Manual	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.	Manual	Pass	

1.2.0-TraceCompassTestCases - XMLanalysis

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.	Manual	Pass	"Ctrl" + mouse wheel up and down instead	
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.	Manual	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.	Manual	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.	Manual	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.	Manual	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.	Manual	Pass		
4.8	Mouse hover (empty region)	Hover mouse in time graph over empty region	Tool tip shows entry name only.	Manual	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.	Manual	Pass		
4.10	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 first selected time, T2 the second (draggged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	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 first selected time, T2 the second (draggged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	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.	Manual	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.	Manual	Pass	Passed on Linux.	
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.	Manual	Pass		

1.2.0-TraceCompassTestCases - XMLanalysis

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.	Manual	Pass		
6	Tool bar handling						
6.1	Show Legend	Click Show Legend button	The legend dialog is opened and can be closed.	Manual	Pass	Comment from 1.0 testing: Not all displayed colors are in the legend This is still a problem in 1.1 when using traces generated with LTTng 2.6 and older	
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.	Manual	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.	Manual	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.	Manual	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.	Manual	Pass		
6.6	Filter Dialog	Open Filter Dialog	Verify that all buttons are working correctly	Manual	Pass	More filter buttons are available in cfv	
6.7	Filter Processes	Open Filter Dialog Deselect several processes Press Ok	Verify that only selected entries are displayed in the view	Manual	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.	Manual	Pass		
7.2	Time range synchronization	Select a new time range in Resources view or in Histogram view.	Time range is updated.	Manual	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	Manual	Pass		

1.2.0-TraceCompassTestCases - Network Analysis

	Section	Pass	Fail		To Do	Comment
	Network Trace analysis	11	0	3	0	0
Targel	t:					
Step	Test Case	Action	Verification			Comment
0	Prerequisites	Instruct the tages Bulled have				
0.1	Import traces	Import the trace linked here				
1	Trace Import		v ·c · · · · · · · · · ·			
1.1	perspective	In the project Explorer, expand any LTTng kernel trace	Verify that the events view, the properties and stream list are displayed	SWTBot	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	SWTBot	Pass	In SWTBot other trace is used
2	View management					
2.1	Populate the views	Open the "TeamSpeak2.pcap"	The views are updated	SWTBot	Pass	
2.2	Look up stream	Open the Stream list	One stream is available with endpoint A being 00:0c:29:7c:ab:f9	Manual	Pass	
2.3	Close the trace	Close the trace	The stream list is emptied	Manual	Pass	
2.4	Close view	Close the view	The view is closed	Manual	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.	Manual	Pass	
2.6	Open a non pcap trace	Close the trace	The stream list is emptied	Manual	Pass	
3	Stream List					
3.1	Re-open trace	Ensure only "TeamSpeak2.pcap" is opened	The trace is opened	Manual	Pass	
3.1	Create a filter from the stream list	Right click on stream 0, and select "Extract as filter"	A filter named "FILTER stream eth 00:0c:29" is created	Manual	Pass	
3.2	Apply filter	In the events table, right click on an event and select "Apply preset filter-> stream eth 00:0c:29"	24/24 events pass the filter	Manual	Pass	

1.2.0-TraceCompassTestCases - Bug Reports

	Section		# Bug Reports	# Open	# Fixed
	Bug Reports		17	15	2
Test Case	Bug Title	Found	Bug Report	Status	
resc case	[TMF] Sequence Diagram Overview feature	i odilo	bug kepore	Scacus	
Sequence Diagram 5.23	not working well on recent platform versions	0.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=436442	2 <mark>Open</mark>	
LTTng 2 - Memory Analysis 3.7, 3.8, CPU Analysis 4.10, 4.11	[TMF] Status bar is not updated when selecting time range in XY charts	0.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=43685	3 Open	Enhancement
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	0.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=43685	5 Open	
LTTng 2 - Memory Analysis 4.1, CPU Analysis 6.1	[TMF] Time selection outside current range should update current range in xy charts	0.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=43686	1 Open	
Project View 6.5	[TMF] Original experiment reappears after rename and copy	0.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=436888	8 Open	
RCP 1.4	[Ittng rcp] Opening a second trace withopen activates the wrong editor	0.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=44346	1 Open	
Sequence Diagram 3.1	Sequence diagram interaction tooltip is hard to read on Ubuntu	0.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=455523	3 Open	
Sequence Diagram 5.24	Button gets disabled in print dialog of sequence diagram after clicking on it	0.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=455540	6 Open	
Memory analysis 2.4/ CPU Analysis	[TMF] XY chart view is cleared after being filled when restarting or opening a trace	0.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=46775	1 Open	
Control view 17.9	NPE trying to destroy a session	1.0.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=469424	4 Open	
Control view 17.9	SWTException widget is disposed trying to import trace from Control view	1.0.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=46942	5 Open	
Project view	Import to experiment will swallow exceptions	1.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=47647	5 <mark>Open</mark>	
Time Chart 2.3	IOException in FlatArray.insert	1.1.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=47648	7 Open	
Control view 7.7/8.6	[LTTng Control] Incorrect command-line when enabling disabled events for certain event types		https://bugs.eclipse.org/bugs/show_bug.cgi?id=486658	8 Open	
Control view 15.13/15/14	Ittng: Views are not updated when doing live streaming with LTTng	1.2.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=48672	7 Open	
RCP 1.6/1.7/2.5/2.6	Opening trace from command-line with name conflict opens existing trace	1.2.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=48674	5 Fixed	
Resources View 1.2	Resources view traces are unsorted	1.2.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=487163	3 Fixed	
Resources View	Add support for softirq raise in lttng 2.7+	1.2.0	https://bugs.eclipse.org/bugs/show_bug.cgi?id=488066	6 Open	Found after release testing with LTTng 2.7. Tests in for resources view were done with LTTng 2.6 traces