5.0.0-TraceCompassTestCases

	TraceCompass-5.0.0										
Date:	2019/06/19										
Date.	2017/00/17										
Section	Content	To do	Pass	Fail	Total	Comments	Automated	Lock held by	Manual Test	Version	
1	Integration	0	18	0	18		0	,			
2	Junit Tests	0	18	0	18		18				
3	TMF - Project View	0	146	3	149	With comments	102				
4	TMF - EventsEditor	0	25	0	25	With comments	11				
5	TMF - BookmarksView	0	17	0	17		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	6				
9	TMF - Sequence Diagram	1	36	0	37	With comments	22				
10	TMF - Statistics View	0	18	0	18	With comments	7				
11	TMF - Time Chart View	0	25	1	26	With comments	1				
12	TMF - Custom Parsers	0	28	0	28	With comments	12				
13	TMF - State System Explorer	0	10	4	14		6				
14	TMF - Flame Chart View	1	22	1	24	With comments	14				
15	TMF - Remote Fetching	2	51	0	53	With comments	51				
16	LTTng 2.0 - Control Flow View	1	51	0	52	With comments	16				
17	LTTng 2.0 - Resources View	0	40	0	40	With comments	7				
18	LTTng 2.0 - Control View	0	129	0	129	With comments	118				
19	GDB Tracing	0	25	0	25		5				
20	Tracing RCP	0	33	0	33		0				
21	LTTng 2.0 - Memory Analysis	0	23	0	23	With comments	6				
22	LTTng 2.0 - CPU Analysis	0	27	0	27	With comments	5				
23	Trace Synchronization	1	12	0	13		0				
24	XML analysis	0	42	0	42	With comments	0				
25	Network Trace analysis	0	11	0	11	With comments	3				
26	Critical path	0	43	2	45	With comments	2				
27	LTTng 2.0 - I/O Analysis	0	20	1	21	With comments	5				
28	LTTng 2.0 - VM Analysis (moved to Incubator)	0	θ	0	θ	With comments	θ				
29	LAMI	0	17	1	18	With comments	0				
30	Flame Graph	0	17	2	19	With comments	11				

5.0.0-TraceCompassTestCases

31	Counters View	0	3	0	3	0			
	Total:	6	975	15	996	448		% remaining	1%
	New Bug Reports found	Open	Fixed	Total					
	Bug Reports	0	0	0					

5.0.0-TraceCompassTestCases Integration

#	Section	Pass	Fail		To Do	Comment
	Integration	18	0	0	0	0
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	Manual	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, PCAP/PCAPNG)	Manual	Pass	
1.3	TMF presence	Open Tracing perspective	Tracing perspective opens	Manual	Pass	
1.4	LTTng presence	Open LTTng Kernel perspective	LTTng Kernel perspective	Manual	Pass	
1.5	Network Tracepoint Analysis presence	Open GDB Trace perspective	GDB Tracepoint analysis perspective	Manual	Pass	
1.6	2019-03 Update Site	Go to Help -> Install New Software> Update site "2019-03 - http://download.eclipse.org/staging/2019-03/"	Verify that all LTTng Kernel, LTTng UST and GDB	Manual	Pass	
2	Verify C/C++ EPP Package RC2					
2.1	Download EPP Package	Download, extract and start EPP package. Check the rhttps://dev.eclipse.org/mailman/listinfo/epp-dev	r EPP Package starts	Manual	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, PCAP/PCAPNG)	Manual	Pass	
2.3	TMF presence	Open Tracing perspective	Tracing perspective opens	Manual	Pass	
2.4	LTTng presence	Open LTTng Kernel perspective	LTTng Kernel perspective	Manual	Pass	
2.5	GDB Tracepoint Analysis presence	Open GDB Trace perspective	GDB Tracepoint analysis perspective	Manual	Pass	
2.7	PCAP/PCAPNG presence	Open Network perspective	Network perspective opens	Manual	Pass	
2.6	2019-03 Update Site	Go to Help -> Install New Software> Use the testing update site "2019-03 - http://download.eclipse.org/staging/2019-03/"	Verify that all LTTng Kernel, LTTng UST and GDB	Manual	Pass	
3	Verify C/C++ EPP Package RC3					
3.1	Download EPP Package	Download, extract and start EPP package	EPP Package starts	Manual	N/A	
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)	Manual	N/A	
3.3	TMF presence	Open Tracing perspective	Tracing perspective opens	Manual	N/A	
3.4	LTTng presence	Open LTTng Kernel perspective	LTTng Kernel perspective	Manual	N/A	
3.5	GDB Tracepoint Analysis presence	Open GDB Trace perspective	GDB Tracepoint analysis perspective	Manual	N/A	
3.6	Network Tracepoint Analysis presence	Open Network Trace perspective	Network Tracepoint analysis perspective	Manual	N/A	
3.6	2019-03 Update Site	Go to Help -> Install New Software> Use the testing update site "2019-03 - http://download.eclipse.org/staging/2019-03/"	Verify that all LTTng Kernel, LTTng UST and GDB	Manual	N/A	
4	Verify C/C++ EPP Package RC4	1.00.0				
4.1	Download EPP Package	Download, extract and start EPP package	EPP Package starts	Manual	N/A	
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)	Manual	N/A	

5.0.0-TraceCompassTestCases Integration

4.3	TMF presence	Open Tracing perspective	Tracing perspective opens	Manual	N/A	
4.4	LTTng presence	Open LTTng Kernel perspective	LTTng Kernel perspective	Manual	N/A	
4.5	GDB Tracepoint Analysis presence	Open GDB Trace perspective	GDB Tracepoint analysis perspective	Manual	N/A	
4.6	2019-03 Update Site	Go to Help -> Install New Software> Use the testing update site "2019-03 - http://download.eclipse.org/staging/2019-03/"	Verify that all LTTng Kernel, LTTng UST and GDB	Manual	N/A	
5	Verify Update Site					
5.1	2019-03 Update Site	Download Eclipse for Committers and install LTTng Kernel, LTTng UST, GDBTrace and PCAP Network Analysis from main simrel testing Update site "2019-03 - http://download.eclipse.org/staging/2019- 03/"	Verify that installation was successful	Manual	Pass	
5.2	Trace Compass Update Site	Download Eclipse for Committers and install LTTng Kernel, LTTng Control, LTTng UST, GDBTrace and PCAP Network Analysis from the Linux Tools Update site http://download.eclipse.org/tracecompass/photon/milestones	Verify that installation was successful	Manual	Pass	
5.3	Upgrade using 2019-03 Update Site	Download Eclipse for Committers from Photon.0 and install LTTng, LTTng Kernel, GDBTrace and PCAP Network Analysis from main simrel Update site. http://download.eclipse.org/releases/photon Try to update the installation using the testing simrel update site. http://download.eclipse.org/staging/2019-03/	Verify that installation was successful	Manual	Pass	
5.4	Upgrade using Trace Compass Update Site	Download Eclipse for Committers from Photon.0 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/4. 3.0/repository Try to update the installation using the Trace Compass update site http://download.eclipse.org/tracecompass/photon/milestones	Verify that installation was successful	Manual	Pass	
		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"				
5.5	Upragde from previous EPP	The information about the update sites to use is usually posted on epp-dev	Verify that installation was successful	Manual	Pass	
6	Verify Update Site	Release outside release train				
6.1	Trace Compass update site	Download Eclipse standard and install LTTng Kernel, L UST, GDBTrace and PCAP Network Analysis from ma Update site: http://download.eclipse.org/tracecompass/	i	Manual	N/A	
6.2	Upgrade using Trace Compass update site	Download Eclipse standard from Photon SR0 and install LTTng, LTTng Kernel, LTTng UST, GDBTrace and PCAP Network Analysis from the Trace Compass update site: http://download.eclipse.org/tracecompass/stable/repository/	Verify that installation was successful	Manual	N/A	

5.0.0-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 - 2 - 2 - 2 - 2 - 2				
1	Junit Test Cases	D 11 21 T 12	All		
1.1		Run manually or with Jenkins	All test cases passed	Pass	
1.2		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	-	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 Plugin	Run manually or with Jenkins	All test cases passed	Pass	
1.9	TMF Xml Analysis UI Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.10	LTTng Control Core Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.11	LTTng Control UI Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.12	LTTng Kernel Analysis Core Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.13	-	Run manually or with Jenkins	All test cases passed	Pass	
1.14		Run manually or with Jenkins	All test cases passed	Pass	
1.15	0	Run manually or with Jenkins	All test cases passed	Pass	
1.16	LTTng Userspace Tracer Analysis UI Test Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.17	GDB Tracepoint Analysis Core Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	
1.18	GDB Tracepoint Analysis UI Tests Plug-in	Run manually or with Jenkins	All test cases passed	Pass	

	Section	Pass	Fail	Туре	To Do	Comment		
	TMF - Project View	146	3	102	0	16		
Target:	Ubuntu 18.04 64 bit							
_								
Step	Test Case	Action	Verification			Comment		
1	Preparation							
1.1	Step 1	Open LTTng Kernel perspective	LTTng perspective opens with correct views	Manual	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			
2.1	New Project Wizard	Open New Tracing Project Wizard	Tracing project appears in Project	SWIDO	1 433			
2.2	Create project	Specify a project name and finish	Explorer/Navigator	SWTBot	Pass			
2.3	Project structure	Open the new Tracing project	Project contains Experiments and Traces folders	SWTBot	Pass			
3	Traces Folder							
	Preparation	1) Download traces.zip (if necessary) and unzip into a local directory \${local} {} 2) Import Custom Text and XML parsers (ExampleCustomXmlParser.xml, ExampleCustomXxtParser.xml) from directory traces/customParsers into your workspace from the Manage Custom Parsers dialog.		SWTBot	Pass			
3.1	Traces Folder menu	Colort the Toron Colden and arran its content arran	Compet many (Institute Before)	SWTBot	Pass			
3.1	Trace Import Wizard	Select the Traces folder and open its context menu Select Import	Correct menu opens (Import, Refresh) Trace Import Wizard appears	SWTBot	Pass			
3.3	Import single custom text trace (link to workspace)	Browse to directory \${local}/traces/import/ Select trace ExampleCustomTxt.log Keep <auto detection="">, Select "Import unrecognized traces", unselect "Overwrite existing without warning" and select "Create Links to</auto>	Imported trace appear in Traces Folder and the Trace Type Tmf Generic is set. Make sure trace can be opened	SWTBot	Pass			
3.4	Import Single custom XML trace (link to workspace)	redo 3.1-3.3 but this time select ExampleCustomXml. xml	Imported trace appear in Traces Folder and the Trace Type "Custom XML log" is set. Make sure that trace can be opened	SWTBot	Pass			
3.5		redo 3.1-3.3 but this time select directory kernel- overlap-testing/	Imported trace appear in Traces Folder and the Trace Type "LTTng Kernel" is set. Make sure that trace can be opened	SWTBot	Pass			
26		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	CWTD				
3.6	Rename + copy import	When dialog box appear select Rename	traces are copied to the project.	SWTBot	Pass			
3.7	Overwrite + copy import	redo 3.3, 3.4, 3.5. However, Unselect "Create Links to workspace" When dialog box appear select Overwrite	Existing traces are deleted and new traces are imported. Make sure that imported traces are copied to the project and can be opened	SWTBot	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	SWTBot	Pass			
3.9	Default overwrite	redo 3.3, 3.4, 3.5. However, Unselect "Create Links to workspace" and select "Overwrite existing without warning"	Make sure that no dialog box appears (for renaming, overwriting, skipping) and existing traces are overwritten). Make sure trace can be opened	SWTBot	Pass			
3.10	Import unrecognized	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory \${local}/traces/import 3) Select trace unrecognized log 4) Keep <auto detection="">, Select "Import unrecognized traces", unselect "Overwrite existing without warning" and select "Create Links to workspace" and 5) press Finish</auto>	unrecognized.log is imported with trace type unknown. The default text file icon is displayed. The trace, when opened, is displayed in the text editor.	SWTBot	Pass			

		redo 3.10, however unselect "Import unrecognized traces"		au m			
3.11	Import unrecognized (ignore)	S. L. L. Bl. Bl. Bl. Bl. Bl. Bl. Bl. Bl. Bl. Bl	unrecognized.log is not imported	SWTBot	Pass		
	Preparation	Delete all traces in project - Right mouse click on Traces folder and select "Clear"		SWTBot	Pass		
3.12	Import CTF trace by selection	Redo 3.5, However only select metadata file instead	Imported trace appear in Traces Folder and the Trace Type "LTTng Kernel" is set. Make sure	CWTD /	D		
3.12	metadata file only	of directory trace	that trace can be opened	SWTBot	Pass		
	Preparation	Delete all traces in project 1) Open Import wizard (see 3.1-3.2)					
3.13	Recursive import with auto-detection (Rename All)	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"</auto>	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.	SWTBot	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"</auto>	All Traces are imported with respective trace type set. Traces with name clashes are overwritten. 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.	SWTBot	Pass		
3.14			the text editor.	SWIDOL	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"	All Traces are imported with respective trace type set. Traces with name clashes are not imported. I trace (unrecognized.log) is imported with trace type unknown. The unknown trace type should open with the text editor.	SWTBot	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.	SWTBot	Pass		
	Preparation	Delete all traces in project					
3.17	Recursive import with specific trace type 1 (Skip All)	Open Import wizard Browse to directory \${local}/traces/import/ Select directory import 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 Spress Finish 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	SWTBot	Pass		
	Preparation	Delete all traces in project					

3.18	Recursive import with specific trace type 2 (Skip All)	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory \${local}/traces/import/ 3) select directory import 4) Select trace type "LTTng Kernel Trace", Select "Import unrecognized traces", unselect "Overwrite existing without warning", select "Create Links to workspace" and unselect "Preserve Folder Structure" 5) press Finish 6) When dialog appears select Skip All"	After selecting trace type, verify that button "Import unrecognized traces" is disabled. One LTTng Kernel trace is imported with trace type "LTTng Kernel Trace". Make sure that this trace can be opened.	SWTBot	Pass		
	Preparation	Delete all traces in project					
3.19	Recursive import with specific trace type 3 (Skip All)	1) Open Import wizard 2) Browse to directory \${local}/traces/import/ 3) select directory import 4) Select trace type "LTTng UST Trace", Select "Import unrecognized traces", unselect "Overwrite existing without warning, select "Create Links to workspace" and unselect "Preserve Folder Structure" 5) press Finish 6) When dialog appears select Skip All"	After selecting trace type, verify that button "Import unrecognized traces" is disabled. 3 LTTng UST traces are imported with trace type "LTTng UST Trace". Make sure that these traces can be opened.	SWTBot	Pass		
	Preparation	Delete all traces in project					
3.20	Recursive import with specific trace type 4 (Skip All)	1) Open Import wizard (see 3.1-3.2) 2) Browse to directory \${local}/traces/import/ 3) select directory import 4) Select trace type "Tmf Generic", Select "Import unrecognized traces", unselect "Overwrite existing without warning", select "Create Links to workspace" and unselect "Preserve Folder Structure" 5) press Finish 6) When dialog appears select Skip All"	All text files in directories are imported as trace and trace type "Tmf Generic" is set. Note that trace type validation only checks for file exists and that file is not a directory. Make sure that these traces can be opened. However traces with wrong trace type won't show any events in the table.	SWTBot	Pass		
	Preparation	Delete all traces in project					
3.21	Import wizard from workbench menu with project selected	1) Select project "Test" in Project Explorer view 2) Open import wizard from menu File > Import > Tracing > Trace Import 3) Browse to directory \${local}/traces/import/ 4) Select trace ExampleCustomTxt.log 5) Keep <auto detection="">, select "Create Links to workspace" and 6) press Finish</auto>	Verify that trace is imported to "Test" project and can be opened.	SWTBot	Pass		
3.22	Import wizard from workbench menu with no project selected	1) Clear selection in Project Explorer view 2) Open import wizard from menu File > Import > Tracing > Trace Import 3) Browse to directory \${local}/traces/import/ 4) Select trace ExampleCustomTxt.log 5) Keep < Auto Detection>, select "Create Links to workspace" and 6) press Finish	Verify that trace is imported to default "Tracing" project and can be opened.	SWTBot	Pass		
	Preparation	Delete all traces in project					
		D&D a few LTTng traces from another Tracing	Selected traces are added to the Traces folder				
3.23	Drag and Drop from other Tracing	project's Traces folder	with proper icon. Trace can be opened.	Manual	Pass		
3.24	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 with the default editor.	Manual	Pass		
			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				
3.25	Drag and Drop from external	D&D a few files from an external file manager	editor.	Manual	Pass		
3.26	Drag and Drop of trace with existing name	D&D a trace with name of an existing trace into traces folder Confirm the renaming of traces	Verify that trace is added into the traces folder with the trace name of the original trace plus a suffix 2	Manual	Pass		
3.27	Drag and Drop of trace with existing name (2nd time)	Redo test 3.26 with the same trace and same destination folder	Verify that trace is added into the traces folder with the trace name of the original trace plus a suffix 3	Manual	Pass		
			Verify that "Into Folder" text box cannot be				
3.28	Import destination	Open Import wizard	updated	Manual	Pass		
	Preparation	Delete all traces in project					

		1) Open Import wizard (see 3.1-3.2) 2) Browse to directory \${local}/traces/import/ 3) select directory import 1) Charles Traces (in the content of the con					
		4) Select trace type "Tmf Generic", unselect "Overwrite existing without warning", select "Create					
		Links to workspace" and select "Preserve Folder Structure"	All Traces are imported with respective trace type set. The folder "clashes" is imported with its				
	Recursive import with preserved	5) press Finish	traces inside. Make sure that traces can be				
3.29	folder structure	/ ·	opened which have a trace type set.	SWTBot	Pass		
		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					
	Recursive import with preserved	Structure" 5) press Finish	The wizard should finish quickly as no trace will be imported. Make sure that traces can be opened				
3.30	folder structure (Skip All)	6) When dialog appears select "Skip All"	which have a trace type set.	SWTBot	Pass		
		1) Open Import wizard (see 3.1-3.2) 2) Browse to directory \${local}/traces/import/					
		3) select directory import					
		Select trace type "Tmf Generic", unselect "Overwrite existing without warning", select "Create Select trace type "Tmf Generic", unselect "Overwrite existing without warning", select "Create					
		Links to workspace" and select "Preserve Folder	All Traces are imported with respective trace				
	Recursive import with preserved	Structure" 5) press Finish	type set with suffix (2). The folder "clashes" is imported with its traces inside. Make sure that				
3.31	folder structure (Rename All)	6) When dialog appears select "Rename All"	traces can be opened which have a trace type set.	SWTBot	Pass		
	Preparation	Delete all traces in project					
		Create two trace folders under the "Traces" folder Import 2 traces under each folder	A dialog should ask the user to confirm deletion				
	Delete with mixed selection of traces	Open all 4 traces Select one trace in the first folder and the second	of the selected elements. Clicking OK should remove all that was selected. The editor of the 3				
	and folders	folder in the Project Explorer view	deleted traces should be closed automatically				
3.32		5) Right-click, Delete. Click Yes.	with one remaining editor opened.	SWTBot	Pass		
		Create 2 trace folders under the "Traces" folder Import a trace under each folder	A dialog should ask the user to confirm deletion				
	D.1.4 K.1 C.11	Open both traces Select both folders in the Project Explorer view	of the selected elements. Clicking OK should remove all that was selected. The editor of both				
3.33	Delete multiple folders	5) Right-click, Delete. Click Yes	traces should be closed automatically.	SWTBot	Pass		
		1) Import 2 traces from different folders preserving	A I' I . I . I . I . I . I				
		folder structure 2 Open both traces.	A dialog should ask the user to confirm clearing of the folder. Clicking Yes should remove				
3.34	Clear single Traces folder	Select the Traces folder Right-click, Clear. Click Yes.	everything under the selected folder and close the traces	SWTBot	Pass		
3.34		Import 2 traces to different projects	A dialog should ask the user to confirm clearing	SWIDOL	rass		
	Clear multiple Traces folder	2 Open both traces. 3 Select both Traces folders	of the folders. Clicking Yes should remove everything under the selected folders and close				
3.35	Clear multiple Traces folder	4) Right-click, Clear. Click Yes.	the traces	SWTBot	Pass		
	Preparation	Delete all traces in project					
		Open Import wizard (see 3.1-3.2) Select archive file: traces.zip					
		3) select directory the root directory					
		 Select trace type "Automatic", unselect "Overwrite existing without warning" and select "Preserve Folder 					
	Import from zip archive, preserve folder structure	Structure" 5) press Finish	All the files get imported under their respective folders. The CTF traces can be opened (kernel-				
3.36	Tolder structure	5) press rinish	overlap-testing, simple_server)	SWTBot	Pass		
	Preparation	Delete all traces in project					
		Open Import wizard (see 3.1-3.2) Select archive file: traces.zip					
		3) select directory the root directory					
		 Select trace type "Automatic", unselect "Overwrite existing without warning" and unselect "Preserve 	All traces are imported with trace type set. The				
	Import from zip archive, no preserve folder structure	Folder Structure" 5) press Finish	traces from folder "clashes" are renamed with suffix (2). Make sure that the traces can be				
3.37	ioraci suuctuic	Select Rename All when dialog comes up.	opened	SWTBot	Pass		
	Preparation	Delete all traces in project					

	Import from zip archive specific traces	1	The specified traces are imported with trace type set. Make sure that the traces can be opened.	SWTBot	Pass			
	Preparation	Delete all traces in project						
	Import from tar.gz archive, preserve folder structure	Open Import wizard (see 3.1-3.2) Select archive file: traces.tar.gz select directory the root directory Select trace type "Automatic", unselect "Overwrite existing without warning" and select "Preserve Folder Structure" press Finish	All the files get imported under their respective folders. The CTF traces can be opened (kernel-overlap-testing, simple_server)	SWTBot	Pass			
	Preparation	Delete all traces in project						
3.40	Import from tar.gz archive, no preserve folder structure	Open Import wizard (see 3.1-3.2) Select archive file: traces.tar.gz select directory the root directory Select trace type "Automatic", unselect "Overwrite existing without warning" and unselect "Preserve Folder Structure" Spress Finish Select Rename All when dialog comes up.	All traces are imported with trace type set. The traces from folder "clashes" are renamed with suffix (2). Make sure that the traces can be opened	SWTBot	Pass			
	Preparation	Delete all traces in project						
	Import from tar.gz archive specific traces	Open Import wizard (see 3.1-3.2) Select archive file: traces.tar.gz Select file "z-clashes/ExampleCustomTxt.txt" and folder "kernel-overlap-testing" Select trace type "Automatic", and select "Preserve Folder Structure" Sprish Finish	The specified traces are imported with trace type set. Make sure that the traces can be opened.	SWTBot	Pass			
3.41	truces		set. Make sure that the traces can be opened.	SWIDOL	1 433			
4	Trace							
	Trace menu	Select an LTTng trace and open its context menu	Correct menu opens (Open , Copy, Rename,)	SWTBot	Pass			
		Select the Open menu	Trace is opened and views are populated	SWTBot	Pass			
	Open trace Copy trace	Select the Copy menu and provide a new name.	Trace is replicated under the new name	SWTBot	Pass			
		*						
		Select the Rename menu and provide a new name.	•					
4.4	Rename trace	Select the Rename menu and provide a new name. Reopen.	Trace is renamed. The trace editor is closed.	SWTBot	Pass			
4.4	Rename trace Delete trace	Select the Rename menu and provide a new name. Reopen.	•					
4.4 4.5 4.6		Select the Rename menu and provide a new name. Reopen.	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened	SWTBot	Pass	Numpad-enter doesn't work		
4.4 4.5 4.6	Delete trace	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed.	SWTBot SWTBot	Pass Pass	Numpad-enter doesn't work		
4.4 4.5 4.6 4.7	Delete trace Open Trace (Accelerator)	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened	SWTBot SWTBot	Pass Pass Pass	Numpad-enter doesn't work		
4.4 4.5 4.6 4.7	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click)	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is deleted. The trace editor is closed. Trace is opened	SWTBot SWTBot SWTBot	Pass Pass Pass Pass	Numpad-enter doesn't work		
4.4 4.5 4.6 4.7	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator)	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is deleted. The trace editor is closed.	SWTBot SWTBot SWTBot SWTBot	Pass Pass Pass Pass Pass	Numpad-enter doesn't work		
4.4 4.5 4.6 4.7 4.8	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click)	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is deleted. The trace editor is closed. Trace is opened	SWTBot SWTBot SWTBot SWTBot	Pass Pass Pass Pass Pass	Numpad-enter doesn't work		
4.4 4.5 4.6 4.7 4.8 4.9	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click) Open Trace (already open) Experiments Folder	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace Open two traces. Open the first trace again.	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is deleted. The trace editor is closed. Trace is opened The first trace editor is simply brought to front. Correct menu opens (New, Import XML)	SWTBot SWTBot SWTBot SWTBot SWTBot	Pass Pass Pass Pass Pass			
4.4 4.5 4.6 4.7 4.8 4.9 5	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click) Open Trace (already open) Experiments Folder Experiments menu	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace Open two traces. Open the first trace again. Select the Experiments folder and open it context menu	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is deleted. The trace editor is closed. Trace is opened The first trace editor is simply brought to front. Correct menu opens (New, Import XML Analysis, Refresh)	SWTBot SWTBot SWTBot SWTBot SWTBot	Pass Pass Pass Pass Pass Pass	Numpad-enter doesn't work Loic Import XML Analysis renamed "Manage XML Analysis"		
4.4 4.5 4.6 4.7 4.8 4.9 5	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click) Open Trace (already open) Experiments Folder	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace Open two traces. Open the first trace again. Select the Experiments folder and open it context menu	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is deleted. The trace editor is closed. Trace is opened The first trace editor is simply brought to front. Correct menu opens (New, Import XML)	SWTBot SWTBot SWTBot SWTBot SWTBot	Pass Pass Pass Pass Pass			
4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click) Open Trace (already open) Experiments Folder Experiments menu Create experiment	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace Open two traces. Open the first trace again. Select the Experiments folder and open it context menu	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is deleted. The trace editor is closed. Trace is opened The first trace editor is simply brought to front. Correct menu opens (New, Import XML Analysis, Refresh)	SWTBot SWTBot SWTBot SWTBot SWTBot	Pass Pass Pass Pass Pass Pass			
4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click) Open Trace (already open) Experiments Folder Experiments menu	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace Open two traces. Open the first trace again. Select the Experiments folder and open it context menu	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is deleted. The trace editor is closed. Trace is opened Trace is opened The first trace editor is simply brought to front. Correct menu opens (New, Import XML Analysis, Refresh) Experiment appears under folder, no traces yet	SWTBot SWTBot SWTBot SWTBot SWTBot	Pass Pass Pass Pass Pass Pass			
4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click) Open Trace (already open) Experiments Folder Experiments menu Create experiment	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace Open two traces. Open the first trace again. Select the Experiments folder and open it context menu Select the New menu and provide experiment name	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is opened Trace is opened The first trace editor is simply brought to front. Correct menu opens (New, Import XML Analysis, Refresh) Experiment appears under folder, no traces yet Correct menu opens (Select, Open, Copy, Rename,)	SWTBot SWTBot SWTBot SWTBot SWTBot	Pass Pass Pass Pass Pass Pass			
4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2 6	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click) Open Trace (already open) Experiments Folder Experiments menu Create experiment Experiment Experiment	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace Open two traces. Open the first trace again. Select the Experiments folder and open it context menu Select the New menu and provide experiment name	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is opened Trace is opened The first trace editor is simply brought to front. Correct menu opens (New, Import XML Analysis, Refresh) Experiment appears under folder, no traces yet Correct menu opens (Select, Open, Copy, Rename,) Select Traces dialog is open and populated w/	SWTBot SWTBot SWTBot SWTBot SWTBot RCPTT RCPTT	Pass Pass Pass Pass Pass Pass Pass			
4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2 6 6.1	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click) Open Trace (already open) Experiments Folder Experiments menu Create experiment Experiment Experiment Experiment Select Traces dialog	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace Open two traces. Open the first trace again. Select the Experiments folder and open it context menu Select the New menu and provide experiment name Select the New menu and open its context menu Select the Select Traces menu	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is deleted. The trace editor is closed. Trace is opened Trace is opened Trace is opened The first trace editor is simply brought to front. Correct menu opens (New, Import XML Analysis, Refresh) Experiment appears under folder, no traces yet Correct menu opens (Select, Open, Copy, Rename,) Select Traces dialog is open and populated w/ traces	SWTBot SWTBot SWTBot SWTBot SWTBot RCPTT RCPTT RCPTT	Pass Pass Pass Pass Pass Pass Pass Pass			
4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2 6 6.1 6.2 6.3	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click) Open Trace (already open) Experiments Folder Experiments menu Create experiment Experiment Experiment Select Traces dialog Select traces	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace Open two traces. Open the first trace again. Select the Experiments folder and open it context menu Select the New menu and provide experiment name Select the Select Traces menu Select the Select Traces menu Select a few LTTng traces and finish	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is opened Trace is opened Trace is opened The first trace editor is simply brought to front. Correct menu opens (New, Import XML Analysis, Refresh) Experiment appears under folder, no traces yet Correct menu opens (Select, Open, Copy, Rename,) Select Traces dialog is open and populated w/ traces Selected traces are imported in the experiment	SWTBot SWTBot SWTBot SWTBot SWTBot RCPTT RCPTT RCPTT RCPTT	Pass Pass Pass Pass Pass Pass Pass Pass			
4.4 4.5 4.6 4.7 4.8 4.9 5 5.1 5.2 6 6.1 6.2 6.3 6.4	Delete trace Open Trace (Accelerator) Delete Trace (Accelerator) Open Trace (double click) Open Trace (already open) Experiments Folder Experiments menu Create experiment Experiment Experiment Experiment Select Traces dialog	Select the Rename menu and provide a new name. Reopen. Select the Delete menu and confirm deletion Select trace and press Enter Select trace and press Delete and confirm deletion Double-click a trace Open two traces. Open the first trace again. Select the Experiments folder and open it context menu Select the New menu and provide experiment name Select the New menu and open its context menu Select the Select Traces menu	Trace is renamed. The trace editor is closed. Trace is deleted. The trace editor is closed. Trace is opened Trace is deleted. The trace editor is closed. Trace is opened Trace is opened Trace is opened The first trace editor is simply brought to front. Correct menu opens (New, Import XML Analysis, Refresh) Experiment appears under folder, no traces yet Correct menu opens (Select, Open, Copy, Rename,) Select Traces dialog is open and populated w/ traces	SWTBot SWTBot SWTBot SWTBot SWTBot RCPTT RCPTT RCPTT	Pass Pass Pass Pass Pass Pass Pass Pass			

6.7	Delete experiment	Select the Delete menu and confirm deletion	Experiment is deleted	RCPTT	Pass			
6.8	Open Experiment (Accelerator)	Select an Experiment and press Enter	Experiment is opened	RCPTT	Pass	Numpad-enter doesn't work		
	B1. B 1 . (4 1 .)	Select an Experiment and press Delete and confirm	n	n oner				
6.9	Delete Experiment (Accelerator)	deletion	Experiment is deleted	RCPTT	Pass			
6.10	Delete Experiment (open experiment)	Open an experiment, select expereiment and press Delete and confirm deletion	Experiment is closed and deleted	Manual	Pass			
0.10	Select Traces while Experiment is	Open an experiment and select an additional trace		ivianuai	1 033			
6.11	open	(see 6.3)	Experiment is closed and selected traces is imported to the experiment	Manual	Pass			
	- Pri	(650 5.6)						
7	Experiment Traces							
7.1	Trace menu	Select an LTTng trace and open its context menu	Correct menu opens w/ Copy disabled + Remove	RCPTT	Pass			
7.2	Open trace	Select the Open menu	Trace is opened and views are populated	Manual	Pass			
	Span sales	Open Experiment, select the Remove menu and	Experiment is closed, trace is removed from					
7.3	Remove trace	confirm removal	experiment	RCPTT	Pass			
			Selected traces are added to the experiment with					
7.4	Drag and Drop from Traces	D&D a few LTTng traces from the Traces directory	proper icon. Experiment can be opened.	Manual	Pass			
			Selected traces are added to the experiment +					
7.5	D 1D 6 4 T	D&D a few LTTng traces from another Tracing	Traces with proper icon. Experiment can be		D			
7.5	Drag and Drop from other Tracing	project's Traces folder	opened.	Manual	Pass			
			Selected traces are added to the experiment + Traces with proper icon. Experiment can be					
7.6	Drag and Drop from non-Tracing	D&D a few traces from a non-Tracing project	opened.	Manual	Pass			
	C If I mind	C. C	Selected traces are added to the experiment +					
			Traces with proper icon. Experiment can be					
7.7	Drag and Drop from external	D&D a few traces from an external file manager	opened.	Manual	Pass			
			Selected traces are added to the experiment +					
7.0	Drag and Drop from external (non-	D&D a few files (non-traces) from an external file	Traces with proper icon (system icon).	Manual	Door			
7.8	traces)	manager	Experiment cannot be opened.	Manual	Pass			
	Drag and Drop of trace with existing	D&D a trace with name of an existing trace into experiment folder	Verify that trace is added into the traces folder and experiment folder with the trace name of the					
7.9	name	2) Confirm the renaming of traces	orignal trace plus a suffix 2	Manual	Pass			
			Verify that trace is added into the traces folder					
	Drag and Drop of trace with existing	Redo test 7.8 with the same trace and same	and experiemnt folder with the trace name of the					
7.10	name (2nd time)	destination folder	orignal trace plus a suffix 3	Manual	Pass			
	Drag and Drop of trace while	Open an experiment and D&D a trace from the	Experiment is closed and selected traces is					
7.11	Experiment is open	Traces directory (see 7.4)	imported to the experiment	Manual	Pass			
8	Propagation							
8.1	Preparation	Copy experiment	Selected experiment is replicated	Manual	Pass			
		In Traces folder, rename a trace showing in both						
8.2	Rename propagation	experiments	New name is propagated to both experiments	Manual	Pass	It also propagates when renaming trace in experiment		
8.3	Delete propagation	In Traces folder, delete a trace showing in both experiments	Selected trace is removed from both experiments	Manual	Pass	It also propagates when deleting trace in experiment		
0.3	Delete propagation		Selected trace is removed from both experiments	iviaiiuai	1 455	It also propagates when deleting trace in experiment		
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			
0	Gute trace type 1	Add a trace to 2 experiments. Change its type from						
8.5	Propagate trace type 2	one of the experiments	All occurences of that trace are updated	Manual	Pass			
9	Properties View Synchronization							
			The Properties view is updated with the selected					
		Select a trace under a Traces folder in Project	trace's "Resource properties" Property and					
9.1	Trace synchronization	Explorer view. Repeat with trace under an Experiment.	Value. The "Info > type" property shows the selected trace category and trace type name.	Manual	Pass			
7.1	c synomeonization	Experiment.	The Properties view is updated with the selected	iviaiiuai	1 455			
		Select a Traces folder, Experiments folder, or an	item's Property and Value. For Experiment verify					
9.2	Other trace nodes synchronization	experiment in Project Explorer view.	the "type" property is set.	Manual	Pass	When experiment is selected, changing its type does not changes the type property in the properties view until the experim	ent is selecte	d again.
		Open an LTTng kernel trace, click on the trace, check						
9.3	Check trace properties	the new properties view.	The "Trace properties" should be populated	Manual	Pass			
		Open an experiment which contains LTTng kernel						
0.4	Charleton annuation and it	traces, click on the experiment, check the new	The "Trace properties" should be populated for	Manual	Feil	Only the proportion for the experiment is populated		
9.4	Check trace properties - experiment	properties view.	every subtrace	Manual	Fail	Only the properties for the experiment is populated		
10	Trace Type Selection							
10	Trace Type Selection							

10.1	Preparation	Import an file with unrecognized trace type (\${local}/traces/import/unrecognized.log)	Imported trace appear in Traces with default icon. File is can be opened by default Editor (either Eclipse text or system editor depending on plug-ins installed)	SWTBot	Pass			
10.2	Trace properties	Select the trace and open the Properties View	Selected trace type is blank	Manual	Pass			
10.3	Trace filtering	Select an experiment and open Select Traces dialog	Untyped trace does not appear in list	SWTBot	Pass	SWTBot tries invalid type for a given valid trace, same thing.		
11	Supplementary Files							
	Supplementary Files	1) In Project Explorer remove filter for hidden						
11,1	Preparation	resources (Coolbar menu > Customize View > unselect '* resources) 2) Create Experiment with 2 LTTng CTF traces in it	Verify that .tracing directory is shown under the project	RCPTT	Pass			
11.2	Create Supplementary File (State History File) from trace	Open a LTTng CTF trace and wait for indexing to finish	Verify that org.eclipse.tracecompass.analysis.os. linux.kernel.ht is created under .tracing/ <trace name="">/.</trace>	RCPTT	Pass			
11.3		a) Select trace under Folder Traces and click right mouse button b) Redo test: Select trace under Experiment Folder	Verify that menu item 'Delete Supplementary	D CDTT				
	Trace Context sensitive menu	c) Redo test: Select Experiment 1) Select trace and click right mouse button 2) Select Politic Secretary Files I	Files' is shown in the context-sensitve menu Verify that confirmation dialog box is opend and	RCPTT	Pass			
11.4	Delete Supplementary Files Action	2) Select 'Delete Supplementary Files' Select trace.nemo (StateHistory.ht file and click on	<pre><trace name="">/StateHistory.ht is listed Make sure that file .tracing/<trace name="">/StateHistory.ht is deleted from the project</trace></trace></pre>	RCPTT	Pass			
11.5	Select and delete State History File	Select <trace name="">/StateHistory.ht file and click on 'Ok'</trace>	name>/StateHistory.ht is deleted from the project explorer view	RCPTT	Pass			
11.6	Create Supplementary File (State History File) from experiment	Open Experiment with 2 LTTng CTF traces	Verify that two StateHistory.ht files are created under .tracing/ <trace1 name="">/ and ./tracing/<trace2 name="">/ respectively. Also verify, that supplementatry folder for the experiment /tracing/<exp name=""> exp is created.</exp></trace2></trace1>	RCPTT	Pass			
11.0	ristory riie) from experiment	Open Experiment with 2 E1 Fig C1F traces	Verify that confirmation dialog box is opend and	KCFII	rass			
11.7	Delete Supplementary Files Action	Select Experiment and click right mouse button Select 'Delete Supplementary Files'	shows 3 root entries: <exp name="">, <trace1 name=""> and <trace2 name="">, with their respective supplementary files below</trace2></trace1></exp>	RCPTT	Pass			
11.8	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 	RCPTT	Pass			
11.9	Select and delete multiple State History files	1) Redo 11.2 and 11.6 2) Select both history files and click on 'Ok'	Make sure that both history files are deleted under .tracing/ <trace1 name="">/ and .tracing/<trace2 name="">/ respectively</trace2></trace1>	RCPTT	Pass			
11.10	Delete Trace	a) Redo 11.2 to create Supplementary File b) Delete trace	Verify that supplementary directory . tracing/ <trace name="">/ is deleted.</trace>	RCPTT	Pass			
11.11	Delete Experiment	a) redo 11.6 to create experiment and Supplementary File b) delete Experiment	Verify that supplementary File StateHistory.ht . tracing/ <tracel name="">/ and ./tracing/<trace2 name>/ are NOT deleted. Also verify that the supplementary folder for the experiment . /tracing/exp_name_exp is deleted.</trace2 </tracel>	RCPTT	Pass			
11.11	Delete Experiment	a) redo 11.6 to create experiment and Supplementary	Verify that supplementary File StateHistory.ht .	KCITI	1 d55			
11.12	Delete Experiment Trace	File b) remove traces under Experiment	tracing/ <trace1 name="">/ and ./tracing/<trace2 name="">/ are NOT deleted</trace2></trace1>	RCPTT	Pass			
11.13	Delete Supplementary Files Action while trace is open	Open trace and then redo 11.4	Verify that trace is closed and supplementary files are deleted	RCPTT	Pass			
12	Link With Editor							
12	LIIIK WILLI EUILUI	1) In Project Explorer make sure that "Link with						
12.1	D	Editor" button is selected		D CDTT	Descri			
12.1	Preparation	2) Open multiple traces and experiments	Verify that after each selection the corresponding	RCPTT	Pass			
12.2	Select trace/experiment in Editors area	Select several traces and experiments one after each other in Editors area	trace or experiment element is selected in the Project Explorer	RCPTT	Pass	small problem, might be GTK3		
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	In Project Explorer make sure that "Link with Editor" button is not selected Open multiple traces and experiments (if not open)		RCPTT	Pass			
12.5	0.1 /	Select several traces and experiments one after each	Verify that selection in Project Explorer doesn't	D CIDITE				
12.5	Select trace/experiment in Editors area	other in Editors area	change	RCPTT	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	RCPTT	Pass		
13	Trace Package Export Wizard	, ,	j				
13.1	Preparation	Inport 2 traces that generate supplementay files (trace2, kernel_vm) Open both traces, wait for the indexing to finish 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 Alternatively, Right-click in Project Explorer on Project and select "Export", "Tracing", "Trace Package Export" and click Next Alternatively, select multiple traces, right-click and select "Trace Package Export"	A wizard should appear with a list of projects and traces to select. Next button should be disabled.	SWTBot	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.	SWTBot	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.	SWTBot	Pass		
13.5	Trace element selection	Unselect the trace2 element	All elements in the trace tree are unselected, the Approximate uncompressed size field changes to a lower number.	SWTBot	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. When 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	SWTBot	Pass		
13.10	Change export options, change format	Change to Zip format	The name of the archive file changes to export. zip	SWTBot	Pass		
13.11		Change to Tar format then select the Compress checkbox.	The name of the archive file changes to export. tar.gz	Manual	Pass		
13.11	and compression 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.	SWTBot	Pass		
13.13	Overwrite	Open the wizard again and select the traces (step 13.2, 13.3). Click Finish.	The Archive file name should be remembered and already filled. A dialog should prompt the user to overwrite. Answering No should keep the wizard opened. Answering Yes should re-export the archive and close the wizard.	Manual	Pass		
13.14	Verify formats	Open the wizard again and select the traces (step 13.2, 13.3). This time, choose Zip format. Click Finish.	The export.zip file should be created on the file system	Manual	Pass		
13.15	Verify content	Open the tar.gz and the zip files in an archive manager.	In both archives, verify that it contains: 1) A trace folder for each trace containing all the trace files (excluding supplementary files) 2) A tracing folder containing all the supplementary files 3) An export-manifest.xml file listing the trace files, supplementary files and bookmarks	Manual	Pass		
10.14		Open the wizard again and select the traces (step 13.2, 13.3). This time, unselect both Supplementary	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				
13.16	Partial selection	files subtrees. Click Finish.	files and bookmarks	Manual	Pass		
14	Trace Package Import Wizard						

14.1	Preparation	Create an empty tracing project. Make sure you have export.tar.gz available from the Trace Package Export Wizard (13) test case, which should include everything including trace files, supplementary files and export-manifest.xml.							
14.2	Open the trace package import wizard	Click on "File", "Import", "Tracing", "Trace Package Import" and click Next	The first page of the wizard should appear (Choose content to import)	SWTBot	Pass				
14.2	Designat Colontino	Click the Select button. Choose the previously created		SWTBot	D				
14.3	Project Selection	project.	project name. Finish should be become enabled when the first	SWIDOL	Pass				
		1) Click on the Browse button.	trace is selected. If all traces are unselected, the						
14.4	Archive file selection	,	Next button is disabled.	SWTBot	Pass				
14.5	Deselect/Select All		Finish should become disabled after Deselect All, enabled after Select All.	SWTBot	Pass				
14.6	Trace element selection		All elements in the trace tree are unselected.	SWTBot	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	SWTBot	Pass				
14.9	Finish the wizard		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	SWTBot	Pass	Very fast			
14.9	I mish the wizard		Delete Supplementary files appears in the	SWIDO	1 433	very last			
14.10	Supplementary Files		content menu	Manual	Pass				
14.11	Bookmarks		Bookmarks appear in the list for the imported traces	Manual	Pass				
			The corresponding trace opens at the						
14.12	Open from bookmark		bookmarked event. Bookmarks are displayed in the event table.	Manual	Pass				
		Open the wizard again (step 13.2) and select the	A dialog should prompt the user to overwrite for each trace. Answering Yes to All should						
14.13	Overwrite	archive file (step 13.4). Click Finish.	overwrite without prompting again.	Manual	Fail	When answering Yes to All for the overwrite warning for the first trace, another warning appears for the over	erwrite of the s	acond trace.	
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		The Apply time offset dialog opens in Basic						
	selection	Select both trace elements in the Project Explorer view. Right-click and select Apply Time Offset	mode. The Trace name show both traces and the Offset in seconds is blank.	SWTBot	Pass				
15.3		view. Right-click and select Apply Time Offset Select the Traces folder element in the Project	mode. The Trace name show both traces and the	SWTBot SWTBot	Pass Pass				
15.3	Apply time offset dialog - folder	view. Right-click and select Apply Time Offset Select the Traces folder element in the Project Explorer view. Right-click and select Apply Time Offset Create an experiment with both traces. Select the	mode. The Trace name show both traces and the Offset in seconds is blank. The Apply time offset dialog opens in Basic mode. The Trace name show both traces and the						
	Apply time offset dialog - folder selection Apply time offset dialog - experiment selection	view. Right-click and select Apply Time Offset Select the Traces folder element in the Project Explorer view. Right-click and select Apply Time Offset Create an experiment with both traces. Select the experiment element in the Project Explorer view. Right-click and select Apply Time Offset Select a trace element in the Project Explorer view. Right-click and select Apply Time Offset In the	mode. The Trace name show both traces and the Offset in seconds is blank. The Apply time offset dialog opens in Basic mode. The Trace name show both traces and the Offset in seconds is blank. The Apply time offset dialog opens in Basic mode. The Trace name show both traces and the	SWTBot	Pass				
15.4	Apply time offset dialog - folder selection Apply time offset dialog - experiment selection Apply time offset dialog - Basic mode	view. Right-click and select Apply Time Offset Select the Traces folder element in the Project Explorer view. Right-click and select Apply Time Offset Create an experiment with both traces. Select the experiment element in the Project Explorer view. Right-click and select Apply Time Offset 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. Select the same trace element in the Project Explorer	mode. The Trace name show both traces and the Offset in seconds is blank. The Apply time offset dialog opens in Basic mode. The Trace name show both traces and the Offset in seconds is blank. The Apply time offset dialog opens in Basic mode. The Trace name show both traces and the Offset in seconds is blank. The timestamps in the trace are all offset by the entered value. The Properties view shows the 'time offset' with the entered value.	SWTBot SWTBot	Pass Pass				
15.4	Apply time offset dialog - folder selection Apply time offset dialog - experiment selection Apply time offset dialog - Basic mode Apply time offset dialog - cumulative	view. Right-click and select Apply Time Offset Select the Traces folder element in the Project Explorer view. Right-click and select Apply Time Offset Create an experiment with both traces. Select the experiment element in the Project Explorer view. Right-click and select Apply Time Offset 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. 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.	mode. The Trace name show both traces and the Offset in seconds is blank. The Apply time offset dialog opens in Basic mode. The Trace name show both traces and the Offset in seconds is blank. The Apply time offset dialog opens in Basic mode. The Trace name show both traces and the Offset in seconds is blank. The timestamps in the trace are all offset by the entered value. The Properties view shows the 'time offset' with the entered value. The timestamps in the trace are all offset by the cumulative sum of the previous and current entered value. The Properties view shows the	SWTBot SWTBot	Pass Pass				

15.9	Apply time offset dialog - Advanced mode - compute from selection	Double-click the second trace to open it. Select an event in its trace editor. Select the first trace editor. Select an event in its trace editor. Click the button in the dialog row of the second trace. Click OK. Open both traces.	Both traces are open. Selecting an event updates the Reference time for the selected trace, and updates the Target time for all traces. Pressing the button computes the Offset in seconds as the difference between Target time and Reference time for that row. The trace which has a computed offset is closed when the OK button is pressed. After reopening, the two previously selected events now have the same timestamp. The Properties view shows the 'time offset' with the computed value.	Manual	Pass			
15.10	Apply time offset dialog - Advanced mode - compute from entered values	Select the first trace element in the Project Explorer view. Right-click and select Apply Time Offset Choose the Advanced radio button. Double-click the trace name to open it. Select the Reference time cell and copy the start time. Select the Target time and paste the value. Edit both values to different times. Click the button in the trace row. Click OK. Open the trace.	the current time values. The trace is closed with the OK button is pressed. After reopening, the timestamps in the trace are offset according to	Manual	Fail	No button in trace row, but when clicked, computes offset as normal		
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	GTK 3 broke the apply time offset		

5.0.0-TraceCompassTestCases

BookmarksView

	Section	Pass	Fail	Type	To Do	Comment
	TMF - BookmarksView	17	0	2	0	0
Target:	Ubuntu 14.10 64 bit					
C)	T C		X7 *0* /*			
Step	Test Case	Action	Verification			Comment
1	Preparation					
	•		LTTng Kernel perspective opens with			
1.1	Preparation step 1	Open and reset LTTng Kernel perspective	correct views.	SWTBot	Pass	
2	Trace bookmarks					
2.1	Show Bookmarks View	Select Bookmarks view (bottom folder)	Bookmaks view is shown	Manual	Pass	
2	DAG W BOOMMAND VIEW	South Boomman (Conton Total)	Views are populated. Verify that a	111411441		
2.2	Open trace	Open an LTTng CTF Kernel trace	Kernel events editor is 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	Manual	Pass	
2.3	Add Trace Bookmark	Enter the bookmark description in dialog box	correct trace resource)	Manuai	Pass	
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	
2	Evnoviment healtmanks					
3	Experiment bookmarks	Create Experiment with 2 LTTng CTF Kernel traces in it and open	Verify that an Events editor is opened			
3.1	Create and open experiment	experiment	showing LTTng Kernel specific columns	Manual	Pass	

5.0.0-TraceCompassTestCases

BookmarksView

3.2	Add Experiment Bookmark	Add a bookmark, by a) double-clicking on the left margin next to an event b) right-clicking the margin and select Add bookmark c) using the Edit > Add bookmark menu. Enter the bookmark description in dialog box	Make sure that bookmark icon is shown on left site of the event row and is added to the Bookmarks view with relevant information (i.e. Description entered and correct experiment resource)	Manual	Pass	
3.3	Open Experiment Bookmark (1)	Scroll within event table so that bookmark is not visible anymore and then double-click on bookmark in Bookmarks View	Make sure that event with bookmark is selected and visible in event table	Manual	Pass	
3.4	Open Experiment Bookmark (2)	Open another trace #2 and then double-click on bookmark in Bookmarks view	Make sure that correct experiment #1 is brought to top and correct event with bookmark is selected in events table	Manual	Pass	
3.5	Open Experiment Bookmark (3)	Close the experiment #1 and then double-click on bookmark in Bookmarks view	Make sure that correct experiment #1 is opened and correct event with bookmark is selected in events table	Manual	Pass	
3.6	Delete Bookmark (from table)	Select bookmarks icon in Events view, right-click on icon and select "Remove Bookmark"	Make sure that bookmark icon is removed from event table and corresponding bookmark is removed from the Bookmarks view	Manual	Pass	
3.7	Delete Bookmark (from Bookmarks view)	Add a bookmark (see 6.4), then select bookmark in Bookmarks view, right mouse click and select "Delete". Confirm the deletion.	Make sure that bookmark icon is removed from event table and corresponding Bookmark is removed from the Bookmarks view	Manual	Pass	

5.0.0-TraceCompassTestCases HistogramView

	Section	Pass	Fail	Туре	To Do	Comment
	TMF - Histogram View	50	0	6	0	3
Target:	Ubuntu 14.04 64 bit					
Step	Test Case	Action	Verification			Comment
1	Preparation					
			LTTng Kernel perspective opens with			
1.1	Step 1 Step 2	Open and reset LTTng Kernel perspective Open an LTTng trace	views are populated	SWTBot SWTBot	Pass Pass	
1.2	Step 2	Open an L1 riig trace	views are populated	SW I DOL	1 455	
2	Manage View					
2.1	Close view	Close the Histogram View	Histogram View is removed from perspective	SWTBot	Pass	84710
2.2	Open view	Window > Show View > Tracing > Histogram	Histogram View is displayed and repopulated	SWTBot	Pass	84710
2.3	Resize	Resize the Histogram View width-wise	Histograms are compressed/decompressed without loss	SWTBot	Pass	Tested with HistogramDataModelTest
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	
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" toolbai icon. Click it again.	The lost events (red bars) are toggled on and off.	Manual	Pass	
			Zoom window is updated, Window Span is updated, won't go below 2 ns, won't exceed			
3.10	Zoom in/out (key)	Zoom in/out with +/- key	full trace range	Manual	Pass	
4	Time Range Histogram	Calant time atoms with 1aft aliah	Colontina Chant/Ford 1.1 1. 1. 1. 1. 1. 1.	Mari -1	Desa	
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 Zoom window is dragged, won't go beyond	Manual	Pass	
4.3	Drag zoom window	Drag the zoom window left/right with ctrl-left-drag or middle-drag	full range	Manual	Pass	
			Zoom window is updated, Window Span is updated, won't go below 2 ns, won't exceed			
4.4	Zoom in/out	Zoom in/out with mouse wheel up/down	full trace range	Manual	Pass	

5.0.0-TraceCompassTestCases HistogramView

Arrow keys	Move the current event using left/right arrow keys	Selection (blue bar) moves to the previous/next non-empty bucket	Manual	Pass	
		Selection Start/End moves to beginning/end of time range (i.e. start time of last bucket is			
Home/End keys	Press Home/End key	selected)	Manual	Pass	
	With a trace containing lost events, click the "Hide lost events" toolbar				
Lost events	icon. Click it again.	off.	Manual	Pass	
		Zoom window is updated, Window Span is updated, won't go below 2 ns, won't exceed			
	Zoom in/out with +/- key	full trace range	Manual	Pass	
	e e	^			
Set selection end	-	Selection End + blue bars are updated	Manual	Pass	
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	
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	
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	
Window Span					
Set window span	Enter a span in Window Span widget	Both Histograms are updated accordingly	Manual	Pass	
Set large window span	Enter an invalid span (too large) in Window Span widget	Span set to full range	Manual	Pass	
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	
Selected Timestamp Synchronization					
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	
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	
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	
		Selection Start/End + blue bars in both	.	Pass	
External synchronization	In any other view that supports time synchronization, select a time.	histograms are updated to the selected time	Manual	Газэ	
Selected Time Range	In any other view that supports time synchronization, select a time.	nistograms are updated to the selected time	Manual	rass	
Selected Time Range Synchronization			Manual	1 455	
Selected Time Range	In any other view that supports time synchronization, select a time. Select a time range in the small histogram (shift-left click, left-drag or shift-left drag).		Manual Manual	Pass	
Selected Time Range Synchronization Time Range mouse	Select a time range in the small histogram (shift-left click, left-drag or	Verify that the selected time range shows in			
Selected Time Range Synchronization Time Range mouse synchronization Full Trace mouse	Select a time range in the small histogram (shift-left click, left-drag or shift-left drag). Select a time range in the full histogram (shift-left click, left-drag,	Verify that the selected time range shows in both histograms, and in other views. Verify that the selected time range shows in	Manual	Pass	
Selected Time Range Synchronization Time Range mouse synchronization Full Trace mouse synchronization Selection Start/End	Select a time range in the small histogram (shift-left click, left-drag or shift-left drag). 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. Verify that the selected time range shows in both histograms, and in other views. Other views are synchronized to the selected	Manual Manual	Pass Pass	
Selected Time Range Synchronization Time Range mouse synchronization Full Trace mouse synchronization Selection Start/End synchronization	Select a time range in the small histogram (shift-left click, left-drag or shift-left drag). Select a time range in the full histogram (shift-left click, left-drag, shift-left drag). Enter a time within the full range in Selection Start/End widget In any other view that supports time range synchronization, select a	Verify that the selected time range shows in both histograms, and in other views. Verify that the selected time range shows in both histograms, and in other views. Other views are synchronized to the selected time range Selection Start/End + blue bars in both histograms are updated to the selected time	Manual Manual Manual	Pass Pass Pass	
	Lost events Zoom in/out (key) Selection Start/End Set selection start Set selection end Set invalid selection start Set invalid selection end Window Span Set window span Set large window span Set invalid window span Set invalid window span Selected Timestamp Synchronization Time Range mouse synchronization Full Trace mouse synchronization Selection synchronization Selection synchronization (linked)	Home/End keys Press Home/End key With a trace containing lost events, click the "Hide lost events" toolbar icon. Click it again. Zoom in/out (key) Zoom in/out with +/- key Selection Start/End Set selection start Enter a TS within the full range in Selection Start widget Select the link icon. Enter a TS within the full range in Selection Start widget Set invalid selection start Set invalid selection end Enter a TS before the full range start in Selection End widget Set invalid selection end Enter a TS after the full range end in Selection End widget Window Span Set window span Set window span Set large window span Enter a span in Window Span widget Enter an invalid span (too large) in Window Span widget Enter an invalid span (too small, negative, not a number) in Window Span widget Selected Timestamp Synchronization Time Range mouse synchronization Click on the time range histogram. The time of the bucket at the mouse position is selected. Click on the full trace histogram. The time of the bucket at the mouse synchronization Selection synchronization Click on the full trace histogram. The time of the bucket at the mouse position is selected. Select the link icon. Enter a time within the full range in Selection Start widget	Home/End keys Press Home/End key With a trace containing lost events, click the "Hide lost events" toolbar icon. Click it again. Zoom in/out (key) Selection Start/End Set selected) Set selection start Set selection start Set selection end Set election full trace and Enter a TS within the full range in Selection End widget Set selection start Set invalid selection end Set invalid selection end Enter a TS after the full range end in Selection End widget Set window span Set window span Set window span Set window span Set large window span Set large window span Set large mouse synchronization Time Range mouse synchronization Selection is selected. Select the link icon. Enter a time within the full range in Selection Start He time fall span (too large) in Window Span widget Selected Timestamp Synchronization Select to the full race histogram. The time of the bucket at the mouse synchronization Select the link icon. Enter a time within the full range in Selection Start VEnd + blue bars are updated Selection Start + blue bars are updated Selection Start + blue bars are updated Selection Start + blue bars set to first event Selection End + blue bars set to first event Selection End + blue bars set to last event Window Span Set window span Set window span Set large window span Set large mouse synchronization Time Range mouse synchronization Click on the time range histogram. The time of the bucket at the mouse position is selected. Click on the full trace histogram. The time of the bucket at the mouse position is selected. Selection Start/End + blue bars in both	Home/End keys Press Home/End key With a trace containing lost events, click the "Hide lost events" toolbar icon. Click it again. Zoom window is updated, Window Span is updated, Window Span is updated, Window Span is updated, won't go below 2 ns, won't exceed full trace range Selection Start/End Set selection start Set selection start Set selection end Set selection end Set invalid selection start Set invalid selection at Enter a TS within the full range in Selection End widget Set invalid selection end Set invalid selection at Enter a TS after the full range end in Selection End widget Set invalid selection at Enter a TS after the full range end in Selection End widget Set invalid selection start Set invalid selection at Enter a TS after the full range end in Selection End widget Set invalid selection end Enter a TS after the full range end in Selection End widget Set invalid selection end Enter a TS after the full range end in Selection End widget Set invalid selection end Enter a TS after the full range end in Selection End widget Set invalid selection end Enter a TS after the full range end in Selection End widget Set large window span Set window span Enter a invalid span (too small, negative, not a number) in Window Span set to full range Enter an invalid span (too small, negative, not a number) in Window Span set to full range Selected Timestamp Synchronization Time Range mouse Synchronization Selection Start/End blue bars set pudated accordingly Manual Selected Timestamp Synchronization Selection Start/End blue bars set of first event Manual Selection Start/End blue bars set to full range Manual Selection Start/End blue bars set to full range Manual Selection Start/End blue bars set to full range Manual Selection Start/End blue bars set to full range Manual Selection Start/End blue bars set to full range other to full range Manual Selection Start/End blue bars in both	Home/End keys Press Home/End key With a trace containing lost events, click the "Hide lost events" toolbar icon. Click it again. Zoom window is updated, Window Span is updated, Won't go below 2 ns, won't exceed full trace range Zoom in/out (key) Zoom in/out with +/- key Zoom in/out with +/- key Selection Start/End Set selection Start Enter a TS within the full range in Selection Start widget Set selection start Set selection start Enter a TS within the full range in Selection End widget Set selection Start Selection End + blue bars are updated Set selection (linked) Select the link icon. Enter a TS within the full range in Selection Start widget Selection Start Select

5.0.0-TraceCompassTestCases HistogramView

9.1	Time Range mouse synchronization	Select a zoom window in the small histogram (ctrl-left drag, middle-drag, right-drag, mouse wheel up/down).	Other views are synchronized to the new range	Manual	Pass	
9.2	Full Trace mouse synchronization	Select a zoom window in the full histogram (ctrl-left drag, middle- click, middle-drag, right-drag, mouse wheel up/down).	Other views are synchronized to the new range	Manual	Pass	
9.3	Window Span synchronization	Enter a new span in Window Span widget	Other views are synchronized to the new range	Manual	Pass	
9.4	External synchronization	In any other view that supports range synchronization, select a new zoom window.	Window Span and both histograms are updated to the new range	Manual	Pass	
10	Multiple Trace Synchronization					
	Preparation	1) Download traces.zip (if necessary) and unzip into a local directory \${local} 2) Import kernel trace \${local}/traces/import/kernel-overlap-testing 3) Import UST \${local}/traces/import/trace ust-overlap-testing 4) Create experiment with trace of 2) in it				
10.1	Open multiple traces (no overlap)	Open multiple traces that don't overlap in time	View shows the last opened trace	Manual	Pass	
10.2	Change selected time and range (no overlap)	Select a time and new range	Selection Start/End, Window Span and both histograms are updated to selected time and new range.	Manual	Pass	
10.3	Open multiple traces (overlap)	- Open multiple traces that overlap in time - For both traces, in Events table right mouse-click -> Follow time updates from other traces	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.	SWTBot	Pass	

5.0.0-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	
2	Open the colors view	Select a color and a filter, the matching events should update their	SWIDOL	SWIDO	1 033	
3	Select a color and a filter	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	
4	Add multiple colors		SW I BOU	SW I BOL	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	

5.0.0-TraceCompassTestCases FiltersView

	Section	Pass	Fail		To Do	Comment
	TMF - Filters View	12	0	12	0	1
Target:	Ubuntu 14.10 64 bit					
			- 151 · · ·			
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	
	Create a filter on event type					
3	and timestamp	The filterview contains a filter on the event type and the timestamp	SWTBot	SWTBot	Pass	
3.1	Apply that filter	A subset of the events pass	SWTBot	SWTBot	Pass	
4	Create a filter on the timestamp oring field values	Create the filter	SWTBot	SWTBot	Pass	
4.1	Apply that filter	A subset of the events pass	SWTBot	SWTBot	Pass	
5	Create a filter with equals node	Create the filter	SWTBot	SWTBot	Pass	
5.1	Apply that filter	A subset of the events pass	SWTBot	SWTBot	Pass	
6	Create a filter with matches node	Create the filter	SWTBot	SWTBot	Pass	
6.1	Apply that filter	A subset of the events pass	SWTBot	SWTBot	Pass	
7	Create a filter with contains node	Create the filter	SWTBot	SWTBot	Pass	
7.1	Apply that filter	A subset of the events pass	SWTBot	SWTBot	Pass	

	Section	Pass	Fail		To Do	Comment			
	TMF - Sequence Diagram	36	0	22	1	8			
Target:	Ubuntu 16.04 64 bit								
Step	Test Case	Action	Verification	Туре		Comment			
1	Preparation								
		Download traces.zip (if necessary) and unzip into a local directory \${local} Use traces simple-server-thread1 and simple-server-thread2 under traces/import/ for test cases below				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				
•.•	Open TMF Sequence	Use menu Window → Show View → Other → Tracing	Verify that 'Sequence Diagram' view is	5111201	1 433				
1.2	Diagram View	→ Sequence Diagram	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) 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 r	Manual	Pass				
2.2	Open view when	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	Difficult to get the numb of pages			
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)	UITest	Pass	Tooltip backgound is very dark and text is hard to read on Ubuntu 14.10, 16.10 with default theme https://bugs.eclipse.org/bugs/show_bug.cgi?id=455523.			
3.2	Hover over interaction after selection	Goto to first page Select first interaction 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)	UITest	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)	UITest	Pass				
	Minus Councillo 1 11								
4	View Synchronization								
4.1	Selection of interaction	Select an interaction in the 'Sequence Diagram'	Verify that interaction is highlighted in 'Sequence Diagram' view. Verify that in the events table the corresponding event is selected. Verify that time stamps matches	UITest	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	UITest	Pass				
4.3	Selection of new time range	Change time range in 'Histogram View'.	Verify that the content of the 'Sequence diagram' changes and the interactions are part of the new window range	UITest	Pass				
	5								
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.	SWTBot	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.	SWTBot	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 7) press find 8) 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	SWTBot	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	SWTBot	Pass	JC: The selection highlight the lifeline but it is difficult to see.
5.5	Find criteria persistence	Restart eclipse open find dialog	Verify that previous used find criteria are still in the list	Manual	Pass	
5.6	Find short-cut	Select 'Sequence Diagram' view press 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	SWTBot	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	SWTBot	Pass	
5.9	Deselect filter	Apply one filter Use menu item 'Hide Patterns' deselect filter deselect filter deselect filter	Verify that all lifelines and interactions are shown	SWTBot	Pass	
5.10	Filter criteria persistence	Restart eclipse open hide dialog	Verify that previous used hide criteria are still in the list	SWTBot	Pass	
	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.	SWTBot	Pass	
5.12	Calastian afternacia	1) Click on button and menu item 'Select' to go back to selection mode				
5.12	Selection after zooming Zoom-out	select an interaction Use button and menu item for zoom-out to activate zooming out click into sequence diagram view	Verify that selection is possible. Verify that 'Sequence Diagram' view zoom out. Note that no selection is possible.	SWTBot	Pass Pass	

5 1 4	Paget grown	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	SWTBot	Dese	
5.14	Reset zoom Configure min/max	1) Select menu item 'Configure Min Max' 2) Change min to 100 and max to 2000 (keep scale and precision) 3) press 'Ok'	back to default zoom 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.	SWTBot	Pass 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.	SWTBot	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	The shortcut is not working when the mouse is hovering the interaction as seen in the previous version 4.0.0
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	The shortcut is not working when the mouse is hovering the interaction as seen in the previous version 4.0.0
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	
5.22	Scroll up short cut	Press SHIFT+ALT+ARROW_UP	Verify that within a page the display scrolls up per view size	Manual	Pass	Key combination on Ubuntu 12.04 is used for something else. This can be disabled using the combiz-settings-manager (http://laskubuntu.com/questions/171489/how-to-unbind-shift-alt-up-shortkey-in-12-04) After disabling this combination this test case passes On Ubuntu 14.04, 14.10, this is not an issue, by default the keys are not mapped.
5.23	Overview feature	Goto page $9 \rightarrow$ 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	Pass	On Ubuntu, the movement is hectic and the overview box is very narrow. On Mac OS X 10.8, the button is not visible but there is a visible empty space that is clickable in its place. Clicking on it brings up the overview box which has a reasonable size but movement is still hectic. Bug 436442 GTK 3 problem ?
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	To Do	The dialog is confusing on Ubuntu. The "from pages" option do not update directly the values you enter Works on windows (including CTRL+P) Pass on 16.04 and 16.10 could it be cups giving you a hard time?
5.25	Remove filter (Bug 391714)	1) Create I filter 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	

		ime Sync. without teractions (Bug 391716)	Open trace without any sequence diagram information Open SD view if necessary Open Error Log view if necessary Anange time range in Histogram view Change time current selected time in Histogram View	Make sure that no exceptions occurred	Manual	Page						
--	--	---	--	---------------------------------------	--------	------	--	--	--	--	--	--

5.0.0-TraceCompassTestCases EventsEditor

	Section	Pass	Fail	Туре	To Do	Comment
	TMF - EventsEditor	25	0	11	0	4
Target:	Ubuntu 13.04 64 bit					
Step	Test Case	Action	Verification			Comment
	B					
1	Preparation					
1.1	Preparation step 1	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views.	SWTBot	Pass	
•	Torre barbarale	Marrad to about IIDs absorber Viscoll				
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 ongoing. When filtering is done, status rows show			
4.1	Filter	In the header row, enter some regex and press Ctrl+Enter	number of matching events.	SWTBot	Pass	
			Only some events matching regex are displayed. Status			
4.2	Canaal filter		rows show partial number of matching events, with	Manual	Door	CTV 2 Shortest decorbered by the first decord and limit CTV 2.10 C
4.2	Cancel filter	press ESC before filtering is done	different 'stop' icon. All events are displayed. Selected event remains	Manual	Pass	GTK 3 filter text doesn't work, but it workswell with GTK-3.16.6
4.3	Un-filter	In the header bar, click the icon to delete a filter	selected and visible. Status rows are removed.	SWTBot	Pass	
4.4	Filter & Search	In the filter bar, enter some regex; likewise in the search bar	Events are filtered and highlighted accordingly	SWTBot	Pass	
4.5	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		Odl			
5.1	Mouse synchronization	Select any event in the table with the mouse button	Other views are synchronized to the selected event's time	Manual	Pass	
	J	Select any event in the table using Up, Down, PageUp, PageDown,	Other views are synchronized to the selected event's			
5.2	Key synchronization	Home, End	time	Manual	Pass	
5.2	Coords armshronization	In the search bar, enter some regex, then search again with Enter/Shift-		Manual	Door	
5.3	Search synchronization	Enter	The first event at or following the selected time is	Manual	Pass	
5.4	External synchronization	In any other view that supports time synchronization, select a time.	selected and visible.	Manual	Pass	
		Select an event with left button, press shift key and click select	Range of events are highlighted. Selection range is			
5.5	Range selection	another event	updated in other views that support range selection	Manual	Pass	
6	Event Synchronization					
	Evene Synchronization		Verify that an editor is opened showing LTTng Kernel			
			specific columns. Views are updated with the new			
6.1	Open trace	Open an LTTng CTF Kernel trace	trace.	SWTBot	Pass	
			The Properties view is updated with the selected event's Property and Value. Timestamp and Content			
6.2	Mouse synchronization	Select any event in the table with the mouse button	are expandable.	Manual	Pass	
		-	The Properties view is updated with the selected			
6.3	W 1 · · ·	Select any event in the table using Up, Down, PageUp, PageDown,	event's Property and Value. Timestamp and Content		D	
6.3	Key synchronization	Home, End	are expandable.	Manual	Pass	

5.0.0-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	When the search wrap the table is losing focus, but not losing the focus at the same time and the property view is not updated until you do an other enter or shift-enter
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	Select event in table click right mouse button 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.	SWTBot	Pass	no progress monitor dialog, only a job
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					

5.0.0-TraceCompassTestCases EventsEditor

0.1		Open a trace Drag a column	Country SWTD tract	CWTD-4	
9.1	Swap columns in events table		Covered by SWTBot tests	SWTBot	Pass
8.2		Open the preferences select new font for trace types press apply verify that the font changed	Covered by SWTBot tests	SWTBot	Pass
8.3		1) Open the preferences 2) Reset the font settings 3) Press apply 4) verify that the font changed	Covered by SWTBot tests	SWTBot	Pass

5.0.0-TraceCompassTestCases StatisticsView

	Section	To Do	Fail		To Do	Comment
	TMF - Statistics View	18	0	7	0	1
Target:	Ubuntu 14.04 64 bit					
Step	Test Case	Action	Verification	Туре		Comment
1	Preparation					
	Preparation	Download traces simple-server-thread1 and simple-server-thread1 from traces/import/				
1.1	Open Perspective	Open and reset LTTng Kernel perspective	LTTng Kernel perspective opens with correct views	SWTBot	Pass	
1.2	Open TMF Statistics View	Use menu Window \rightarrow Show View \rightarrow Other \rightarrow Tracing \rightarrow 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/RECEI VE/INFO/after_fork_child are counted.	RCPTT	Pass	
2	M W					
2	Manage View		Statistics' view is removed from			
2.1	Delete view	Close the 'Statistics' View	perspective	RCPTT	Pass	
2.2	Open view	Use menu Window \rightarrow Show View \rightarrow Tracing \rightarrow Statistics	Statistics' view View is displayed and re-populated	RCPTT	Pass	
2.3	Open view when experiment/trace is already loaded	1) Close 'Statistics View' 2) load trace above trace 3) Open 'Statistics' view	Verify that statistics are shown per trace and per event type. Each trace has 80021 events. Verify that event types ENTER/RETURN/SEND/RECEI VE/INFO/after_fork_child are counted	RCPTT	Pass	
-						
3	Other		77 'C d (10) ('d' 1 '			
3.1	Build of statistic index	Open trace	Verify that 'Statistics' view is populated gradually during indexation	Manual	Pass	
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	External synchronization (full)	In any other view that supports range synchronization, select the full range of the trace.	Events in 'Events in selection' is updated and equals 'Events total' values	Manual	Pass	

5.0.0-TraceCompassTestCases StatisticsView

4.2	External synchronization (range)	In any other view that supports range synchronization, select a new range.	Events in 'Events in selection' is updated according to new range	Manual	Pass	
5	Multiple Trace Synchronization					
	Preparation	1) Download traces.zip (if necessary) and unzip into a local directory \${local} 2) Import kernel trace \${local}/traces/import/kernel-overlaptesting 3) Import UST \${local}/traces/import/trace ust-overlaptesting 4) Create experiment with trace of 2) in it		Manual	Pass	
5.1	Open multiple traces (no overlap)	Open multiple traces that don't overlap in time	View shows the last opened trace	Manual	Pass	
5.2	Change selected time and range (no overlap)	In any other view that supports range synchronization, select a new range	Events in 'Events in selection' 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 selection' 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 - For both traces, in Events table right mouse-click -> "Follow time updates from other traces"	View shows the last opened trace	Manual	Pass	
5.5	Change selected time and range (overlap)	In any other view that supports range synchronization, select a new range	Events in selection' is updated according to new range	Manual	Pass	
5.7	Select other trace (overlap)	Select different trace by clicking its Events editor tab	View is updated to show selected trace. 'Events in selection' is updated according to the newly selected time and range.	Manual	Pass	
5.8	Close all traces	Close all Events editor tabs	View is cleared.	SWTBot	Pass	

5.0.0-TraceCompassTestCases TimeChartView

Target: Ubuntu 16.04 64 bit Step Test Case Action Verification Type Comment 1 Preparation 1.1 Preparation Step 1 Open and reset LTTng Kernel perspective Correct views. 1.2 Preparation step 2 Show Time Chart View Time Chart view is shown Manual 2 Trace handling 2.1 Open trace Open an LTTng CTF Kernel trace #1 2.2 Open other trace Open an LTTng CTF Kernel trace #2 2.3 Open experiment Open an experiment Open an experiment Open an experiment Open an experiment Open an experiment Open an experiment Open an experiment Open an experiment Open an experiment Trace #1 is selected entry. Range of view is union of full trace ranges. Experiment entry added to Time Chart view. Trace #1 is selected entry. Range of view is union of full trace ranges. Experiment entry added to Time Chart view. Trace #2 is selected entry. Range of view is union of full trace ranges. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Experiment entry added to Time Chart view is selected entry. Range of view is union of full trace ranges. Experiment entry added to Time Chart view is selected entry. Range of view is union of full trace ranges. Select other trace Select entry. View range does not change. Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range of view range.	
Trace #1 entry added to Time Chart view. Trace #2 is selected entry. Range of view is union of full trace ranges.	
1 Preparation 1.1 Preparation step 1 Open and reset LTTng Kernel perspective correct views. 1.2 Preparation step 2 Show Time Chart View Time Chart view is shown Manual 2.1 Open trace Open an LTTng CTF Kernel trace #1 Open an LTTng CTF Kernel trace #1 Open an LTTng CTF Kernel trace #2 Select other trace Select trace #1 by clicking its trace entry in Time Chart view Trace #2 is selected entry. View range does not change. Trace #1 is selected entry.	
1 Preparation 1.1 Preparation step 1 Open and reset LTTng Kernel perspective correct views. 1.2 Preparation step 2 Show Time Chart View Time Chart view is shown Manual Trace #1 entry added to Time Chart view. Trace #1 is selected entry. Range of view is full trace range. Open other trace Open an LTTng CTF Kernel trace #2 Open an LTTng CTF Kernel trace #2 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. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. Range of view is union of full trace ranges. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. View range does not change. Trace #1 ditor tab is brought to top. Trace #1 is selected entry. View range does not change. Trace #1 ditor tab is brought to top. Trace #2 is selected entry. View range	
1.1 Preparation step 1 Open and reset LTTng Kernel perspective correct views. 1.2 Preparation step 2 Show Time Chart View Time Chart view is shown Manual Trace #1 entry added to Time Chart view. Trace #1 is selected entry. Range of view is union of full trace ranges. Open other trace Open an LTTng CTF Kernel trace #2 Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range	
1.1 Preparation step 1 Open and reset LTTng Kernel perspective correct views. SWTBot 1.2 Preparation step 2 Show Time Chart View Time Chart view is shown Manual Pass 2 Trace handling 2.1 Open trace Open an LTTng CTF Kernel trace #1 of view is full trace range. Manual Pass 2.2 Open other trace Open an LTTng CTF Kernel trace #2 of view is union of full trace ranges. Experiment trace and triew. Experiment is selected entry. Range of view is union of full trace ranges. 2.3 Open experiment Open an experiment Open an experiment race #1 is selected entry. Range of view is union of full trace ranges. Trace #2 is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. Range of view is union of full trace ranges. 2.4 Select other trace Select trace #1 by clicking its trace entry in Time Chart view Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range	
1.2 Preparation step 2 Show Time Chart View Time Chart view is shown Manual Pass 2 Trace handling Trace #1 entry added to Time Chart view. Trace #1 is selected entry. Range of view is full trace range. Trace #2 entry added to Time Chart view. Trace #2 is selected entry. Range of view is union of full trace ranges. Deep on an LTTng CTF Kernel trace #2 of view is union of full trace ranges. Deep on an LTTng CTF Kernel trace #2 of view is union of full trace ranges. Deep on an LTTng CTF Kernel trace #2 of view is union of full trace ranges. Deep of view is union of full trace ranges. Deep of view is union of full trace ranges. Experiment is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 entry added to Time Chart view. Experiment is selected entry. View range does not change. Trace #1 entry added to Time Chart view. Experiment is selected entry. View range does not change. Trace #1 entry added to Time Chart view. Experiment is selected entry. View range does not change. Trace #1 entry added to Time Chart view. Experiment is selected entry. View range does not change. Trace #1 entry added to Time Chart view. Experiment is selected entry. View range does not change. Trace #1 entry added to Time Chart view. Experiment is selected entry. View range does not change. Trace #1 entry added to Time Chart view. Experiment is selected entry. View range does not change. Trace #1 entry added to Time Chart view. Experiment is selected entry. View range entry added to Time Chart view. Experiment is selected entry. View range entry added to Time Chart view. Trace #1 entry added to Time Chart view. Experiment is selected entry. View range entry added to Time	
2.1 Open trace Open an LTTng CTF Kernel trace #1 of view is full trace range. 2.2 Open other trace Open an LTTng CTF Kernel trace #2 of view is sulion of full trace range. 2.3 Open experiment Open an experiment Open an experiment Trace #1 is selected entry. Range of view is union of full trace ranges. 2.4 Select other trace Select trace #1 by clicking its trace entry in Time Chart view Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 entry added to Time Chart view. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. Wiew range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range	
Trace #1 entry added to Time Chart view. Trace #1 is selected entry. Range of view is full trace range. Open an LTTng CTF Kernel trace #1 Trace #2 entry added to Time Chart view. Trace #2 is selected entry. Range of view is union of full trace ranges. Open other trace Open an LTTng CTF Kernel trace #2 Open an LTTng CTF Kernel trace #2 Experiment entry added to Time Chart view. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Trace #2 entry added to Time Chart view. Experiment entry added to Time Chart view. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range	
Trace #1 entry added to Time Chart view. Trace #1 is selected entry. Range of view is full trace range. Open an LTTng CTF Kernel trace #1 Trace #2 entry added to Time Chart view. Trace #2 is selected entry. Range of view is union of full trace ranges. Open other trace Open an LTTng CTF Kernel trace #2 Open an LTTng CTF Kernel trace #2 Experiment entry added to Time Chart view. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Open experiment Open an experiment Open an experiment Open an experiment Trace #1 is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range	
view. Trace #1 is selected entry. Range of view is full trace range. Den an LTTng CTF Kernel trace #1 Den an LTTng CTF Kernel trace #1 Den an LTTng CTF Kernel trace #2 Den other trace Open an LTTng CTF Kernel trace #2 Den other trace Open an LTTng CTF Kernel trace #2 Den other trace Open an LTTng CTF Kernel trace #2 Den other trace Den an LTTng CTF Kernel trace #2 Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Den other trace Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range	
Trace #2 entry added to Time Chart view. Trace #2 is selected entry. Range of view is union of full trace ranges. Dependent of the contract view of view is union of full trace ranges. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Dependent of view is union of full trace ranges. Experiment is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Experiment of view is union of full trace ranges. Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range	
view. Trace #2 is selected entry. Range of view is union of full trace ranges. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Open an experiment Open an experiment Open an experiment Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range Trace #2 is selected entry. View range Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range	
2.2 Open other trace Open an LTTng CTF Kernel trace #2 of view is union of full trace ranges. Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Manual Pass 2.3 Open experiment Open an experiment Open an experiment Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range Trace #2 is selected entry. View range	
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 Experiment entry added to Time Chart view. Experiment is selected entry. Range of view is union of full trace ranges. Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Trace #2 is selected entry. View range Trace #2 is selected entry. View range	
2.3 Open experiment Open an experiment	
2.3 Open experiment Open an experiment 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. Trace #2 is selected entry. View range Trace #2 is selected entry. View range	
Trace #1 is selected entry. View range does not change. Trace #1 editor tab is brought to top. Pass Trace #2 is selected entry. View range Trace #2 is selected entry. View range Trace #2 is selected entry. View range	
2.4 Select other trace Select trace #1 by clicking its trace entry in Time Chart view brought to top. Manual Trace #2 is selected entry. View range	
Trace #2 is selected entry. View range	
2.5 Select other trace (external) Select trace #2 by clicking its editor tab does not change. Manual Pass	
Time Chart view is removed from	
2.6 Close view Close the Time Chart view tracing view Manual Pass	
Time Chart view is displayed and repopulated with opened traces data Annual Pass Pass	
2.7 Open view Show Time Chart view populated with opened traces data Manual Trace entry is removed from Time Chart	
view. Range is view is union of	
2.8 Close trace/experiment Close trace #2 editor tab. Repeat with experiment editor tab. remaining full trace ranges. Manual Pass	
2.9 Close last trace Close trace #1 editor tab View is cleared. Manual Pass	
3 Time Synchronization	
Other views are synchronized to the	
selected time. Event at or following the	
Mouse synchronization selected time is selected in the event	
3.1 (single time) Left-click on the time chart. The selected time line is updated. table. Manual Pass	
Other views are synchronized to the selected range. Event at or following the	
Mouse synchronization (time Shift-left-click or left-drag on the time chart. The selected time range selected time is selected in the event	
3.2 range) is updated. table. Manual Pass	
Selected time line is updated to the event time. If necessary, range is	
3.3 (single time) In event table, select an event. Updated to show selected time. Manual Pass	

5.0.0-TraceCompassTestCases TimeChartView

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	If T2 is outside of current range, view will be updated to include it (and not necesseraly T1)
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	
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	Fail	Events that were hidden by last filter regex are not restored
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	

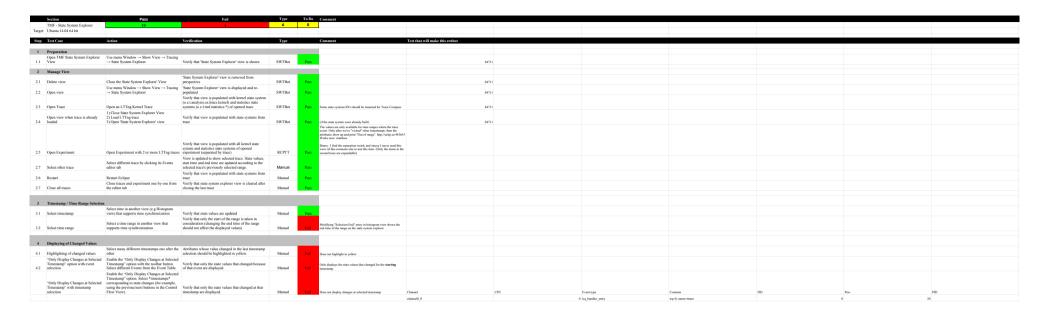
5.0.0-TraceCompassTestCases Custom Parsers

	Section	Pass	Fail	Туре	To Do	Comment
	TMF - Custom Parsers	28	0	12	0	2
Target:	Linux 64					
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.	SWTBot	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)	RCPTT	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.	RCPTT	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	
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.	RCPTT	Pass	
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.	RCPTT	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<2><2<c>2</c><d>1<d>1enter Log Type, write an xml log in the input, <a><c>2</c><1<d>1<d>1enter Log Type, write an xml log in the input, <a><a><a><a><<a><<a><>a><<a><>a><<a><>><a><>a><<a><>a><a><</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	

5.0.0-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	
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)	RCPTT	Pass	Or select the trace and verify the trace type in the properties view
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)	RCPTT	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					should this be in events editor?
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 raw viewer 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 use arrow key down and up several times	Correct event is select in table, timestamp is propagated to other TMF views and Properties view shows content of selected event	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	

5.0.0-TraceCompassTestCases State System Explorer



5.0.0-TraceCompassTestCases Flame Chart View

	Section	Pass	Fail		To Do	Comment
	TMF - Flame Chart View	22	1	14	1	11
Target:	Ubuntu 18.04 64 bit (ELX)					
Step	Test Case	Action	Verification			Comment
<u>0</u>	Download the test resources	Download this				
1	Preparation					
1.1	Open TMF Flame Chart View	Use menu Window \rightarrow Show View \rightarrow Other \rightarrow Tracing \rightarrow Flame Chart	Verify that 'Flame Chart' view is shown	SWTBot	Pass	Path is actually Window -> Show view -> Tracing -> Flame Chart
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	Verified in Aug. 16-2018 at 12:08PM
1.3	Import cyg-profile trace	Import the trace in the "trace" directory of the downloaded zip	Verify that the Flame Chart 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 Flame Chart View is populated with some callstack information.	SWTBot	Pass	
2	Manage View			36 1		
2.1	Delete view	Close the Flame Chart View	Flame Chart' view is removed from perspective	Manual	Pass	Verified in Aug. 16-2018 at 12:08PM
2.2	Open view	Use menu Window \rightarrow Show View \rightarrow Other \rightarrow Tracing \rightarrow Flame Chart	Flame Chart' view is displayed and re-populated	SWTBot	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	SWTBot	Pass	
2.4	Open view when trace is already loaded	Close 'Flame Chart' view Open "glxgears-cyg-profile(-fast)" trace located in the git in ctf test Open 'Flame Chart' view	Verify that view is populated with call stack information	SWTBot	Pass	
2.5	Open Experiment	Open Experiment with 2 or more Flame Chart 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 Flame Chart 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 Flame Chart view is cleared after closing the last trace	Manual	Pass	
3	Navigation					
3.1	Select time	Click on random time in the time graph pane	Selected time line is updated. Table is updated to show the full stack information at the selected time. Selected time is updated in other views.	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	

5.0.0-TraceCompassTestCases Flame Chart View

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	
3.5	Go to first event in trace	Go to events editor, press home	the Flame Chart view is updated	Manual	Pass	Fixed in https://git.eclipse.org/r/#/c/80177/1 Hung:Verified in Aug. 16-2018 at 13:39PM
					N/A	
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(Sonia: only when you select a rendom time in the histogram view). If you select an event (in another view) before the start of the calls, the vertical scroll bar goes down.
4.2	Event synchronization	Select a call stack-impacting event (function entry/exit) in events table	In addition to updating the selected time, the active function at the event time is selected. Vertical scroll bar is updated if necessary.	SWTBot	Pass	
4.3	Time range synchronization	Select a new time range in Histogram view.	Time range is updated.	SWTBot	Pass	
			·			
5	Function name import - Text file					
5.1	Invalid text file import	Open 'trace' from Fibonacci.zip. Click the "Select a mapping file" button in the view and click "Browse" to select a random .txt file that does not contain any debugging info.	The function addresses do not change.	Manual	Pass	Verified in Aug. 16-2018 at 14:46PM
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).	SWTBot	Pass	The symbol mapping is applied on view level. If multiple traces are opened, or if an experiment with multiple traces is opened, they cannot each have their own mapping. Bug 459909. France: I am not sure what to do here Sonia: The bug is resolved, you can specify a mapping file for each trace if you have a multiple traces in one experiment.
6	Function name import - CDT					
6.1	Binary import	Click the "Select a binary file" button in the view and click "Browse" to select the fibonacci executable (fibonacci).	The view now displays the function names for both traces	Manual	Fail	Sonia :you have to specify the binary file for each trace. The view won't display the function names for the both traces if we select the fibonacci executable for a trace in an experiment with multiple traces. Hung: Verified in Aug. 16-2018 at 14:47PM David: Same issue as above
6.2	Binary import lttng 2.8+	Open an lttng 2.8+ trace with the executable present	The view now displays the function names for the trace	Manual	To Do	Verified in Aug. 16-2018 at 14:468PM

5.0.0-TraceCompassTestCases GDBTracing

	Section	Pass	Fail	Туре	To Do	Comment
	GDB Tracing	25	0	5	0	0
Target:	Ubuntu 14.04 64 bit					
	GDB 7.11.1	Eclipse CPP EPP RC2				
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	SWTBot	Pass	
2.2	Create project	Specify a project name and finish	Tracing project appears in Project Explorer	SWTBot	Pass	
2.3	Project structure	Close and open the new Tracing project	Project contains the Traces folder	SWTBot	Pass	
2.3	1 Toject structure	close and open the new Tracing project	1 Toject contains the Traces Tolaci	SWIDO	1 433	
3	Traces Folder					
			Correct menu opens (Open Trace, Import, New			
3.1	Traces Folder menu	Select the Traces folder and open its context menu	Folder,)	SWTBot	Pass	
3.2	Trace Import Wizard	Select Import Trace	Trace Import Wizard appears	SWTBot	Pass	
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		77 10 1			
4.1	Project/executable selection	Double-click on an un-configured trace	Verify that an Error Dialog opens that notfiies the user to select the trace executable	Manual	Pass	
4.2	Select Trace Executable	 Right mouse click on trace Select menu item "Select Trace Executable" 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	
	- F	5				
5	Source Code Lookup					
5.1	Select event	With mouse select an event in events table	The corresponding source code location is selected in the source code file.	Manual	Pass	
5.2	Select another event	redo 5.1	The corresponding source code location is selected in the source code file.	Manual	Pass	
	!! ! .!					
6	Events Table Navigation					
			Each keystroke modifies the selected event and the corresponding source code location is selected in the			
6.1	Arrow keys	Update the current event using up/down keys within window	source code file.	Manual	Pass	
(2	Carallin a	Under the comment of	Table is refreshed to display new current event and the corresponding source code location is selected in	M1	Pass	
6.2	Scrolling Palln/Palln	Update the current event using up/down keys outside window Update the current event using PgUp/PgDn keys	the source code file Table is scrolled accordingly	Manual Manual	Pass	
0.3	PgUp/PgDn	optiate the current event using rgop/rgon keys	Table is scrolled accordingly Table jumps from first to last event and the	iviailuai	F 455	
6.4	Home/End	Update the current event using Home/End keys	corresponding source 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	Scarcii	in the search bal, effet some KE	Events corresponding to the RE are nightighted	iviaiiual	T 033	

5.0.0-TraceCompassTestCases GDBTracing

7.2	Navigation	Navigate through highlighted events using Enter/Shift-Enter	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 search bar, enter some RE and press Ctrl+Enter	Only events matching RE are displayed	Manual	Pass	
7.5	Filter & Search	In the filter bar, enter some RE; likewise in the search bar	Events are filtered and highlighted accordingly	Manual	Pass	
7.6	Un-filter	In the filter header, remove the filter	Events are displayed normally	Manual	Pass	
8	Events Synchronization					
8.1	Synch from Events View	Click on an event in the Events View	Trace Control View is updated; Debug View is updated	Manual	Pass	
8.2	Synch from Trace Control	Go up/down from the Trace Control View	Events View is updated accordingly	Manual	Pass	

	Section	Pass	Fail	Туре	To Do	Comment
	LTTng 2.0 - CPU Analysis	27	0	5	0	3
Target:	Ubuntu 16.04 64 bit (ELX)					
Step	Test Case	Action	Verification	Туре		Comment
0	Prerequisites					
0.1	Import traces	Import LTTng Kernel traces in Tracing project				
1	Project View					
1.1	Check analysis can execute	In the project explorer and expand a LTTng Kernel trace	"CPU usage" analysis is present and it's not crossed out	Manual	Pass	84702
1.2	Verify help message when applicable	In the project explorer, open and expand the LTTng kernel trace, right-click the CPU usage analysis and select Help	A generic help message appears with the name of the analysis	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	84702
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	Double-click the CPU usage View under the CPU usage analysis	The CPU usage Usage view opens and triggers the cpu analysis. After the analysis, both tree viewer and xy charts are populated.	SWTBot	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.	SWTBot	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.	SWTBot	Pass	
3	View selection					
3.1	Select an entry	Select an entry in the tree viewer section	A new series is added to the xy chart, corresponding to the selected TID	SWTBot	Pass	

3.2	Select another entry Mouse handling	Select another entry from the tree viewer	A new series is added to the xy chart, and the previous TID's series is not displayed anymore	Manual	Pass	Christophe: not sure I understand. Multiple series can be selected; when selecting a 2nd series, the first one is still displayed. Simon: I think this is old and refers to an older view. With the new tree view the behavior is as you described
	Mode nanding		Time range is dragged. When			
4.1	Drag move time range	Drag move xy chart left and right with middle button and shift mouse wheel	mouse button is released, series are updated and new time range is propagated to other views.	Manual	Pass	
4.2	Zoom time range (mouse wheel)	Zoom with ctrl mouse wheel up and down, cursor inside xy chart	Time range is zoomed in and out, relative to mouse cursor. When mouse wheel is stopped for a short time, series are updated and new time range is propagated to other views, including the tree viewer beside the chart. The selected process remains the same.	SWTBot	Pass	
	·		Table scroll up and down. Selected			
4.3	Mouse vertical scroll	Scroll with mouse wheel up and down, cursor outside xy chart	process does not change. Vertical scroll bar updated.	Manual	Pass	
			T			
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	Christophe: selected process is lost if the new time range does not contain data from the process, even when zooming back out. Not sure if it should be marked as a fail.
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	
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	Click select with left button (begin time), press shift key and click select another time (end time)	Selection highlighted and selection rang is propagated to other views	Manual	Pass		
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		Simon: Sometime with GTK3 sorting by column cause the process column to add extra padding between the checkbox and the label. On GTK2 everything seems fine
4.10	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 (draggged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	Pass	delta cannot be negative, because T1 is automatically assigned to left selected time and T2 is automatically assigned to right selected time	
4.11	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	Pass	delta cannot be negative, because T1 is automatically assigned to left selected time and T2 is automatically assigned to right selected time	
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	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		
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 synchronization, select a new 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					works with 1 kernel
experiments		Manual	Pass	works only with 1 trace experiments	trace experiments

	Section	Pass	Fail		To Do	Comment
	TMF - Remote Fetching	51	0	51	2	17
Target:	Ubuntu 14.04 64 bit					
				_		
Step	Test Case	Action	Verification	Туре		Comment
1	Preparation					
1.1	Step 1	Open Trace Compass and reset Lttng perspective	Lttng perspective opens with correct views			
2	Opening					Device a Niet this test had the Fotol Devictor
2.1	Open Profile Editor 1	Right-click on Traces Folder -> Fetch Remote Traces> Manage Profiles	The Profile Editor of preference page opens	SWTBot	Pass	Bruno : Not this test, but the Fetch Remotes Traces dialog, has a help button that does nothing. Patrick: See Bug 440238.
2.2	Open Profile Editor 2	Window -> Preferences-> Tracing -> Remote Profiles	The Profile Editor of preference page opens	SWTBot	Pass	
3	Edit Profile - Add/Delete					_
3.1	Create Profile	Open Profile Editor > Click on 'Add' > Enter profile name, remote information, root path and trace pattern	1 1	SWTBot	Pass	
3.2	Add Node	Select Profile node > right mouse click > select 'New Connection Node'	New Connection Node is create under the profile and template is provided	SWTBot	Pass	
3.3	Add trace group	Select node node > righ mouse click > select 'New Trace Group'	New Trace Group is created under the node and template is provided	SWTBot	Pass	
3.4	Add trace	Select trace group > right mouse click > select 'New Trace'	New Trace is created under Trace Group and template is provided	SWTBot	Pass	
3.5	Delete Trace	Select trace > right mouse click > select Delete	Trace is deleted	SWTBot	Pass	
3.6	Delete Trace Group	Select Trace Group> right mouse click > select Delete	Trace Group is deleted	RCPTT	Pass	
3.7	Delete Connection Node	Select Connection Node > right mouse click > select Delete	Connection Node is deleted	RCPTT	Pass	
3.8	Remove Profile	Select Profile > click on 'Remove' button	Profile is deleted	SWTBot	Pass	
4	Edit Profile - Reorder					
4	Edit Plotite - Reolder	Create at 2-3 profiles > select 2nd profile and press				
4.1	Move profile up/down	buttons 'Move Up'/'Move Down'	Profiles are moved up and down	RCPTT	Pass	
4.2	Move connection node up/down	Make sure that there are 2 or 3 connection nodes > select 1 connection node > click buttons 'Move Up'/'Move Down'	Connection Nodes are moved up and down within a profile	RCPTT	Pass	
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'		RCPTT	Pass	
4.4	Move Trace up/down	Make sure that there are 2 or 3 trace groups > select 1 traces > click buttons 'Move Up'/'Move Down'	Traces are moved up and down within a Trace Group	SWTBot	Pass	
5	Edit Profile - Copy, Cut, Pasto	•				
3	Edit Fronte - Copy, Cdt, Pasti	Select Profile > click right mouse button on a profile				
5.1	Copy/Paste Profile	> Select Copy -> click right mouse button on other profile > Select Paste	Profile is pasted under the selected profile	RCPTT	Pass	
5.2	Copy/Paste Profile (Keys)	Redo 5.1 with CTRL+C and CTRL+V keys	Profile is pasted under the selected profile	RCPTT	Pass	

		Calast Des Class aliab might means button and				
5.3	Copy/Paste Connection Node	Select Profile > click right mouse button on a Connection Node > Select Copy -> click right mouse button on other Connection Node > Select Paste	Profile is pasted under the selected Connection Node	RCPTT	Pass	
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	RCPTT	Pass	
3.1	(Reys)	Select Profile > click right mouse button on a Trace	Note	Ref I I	1 433	
5.5	Copy/Paste Trace Group	Group > Select Copy -> click right mouse button on other Trace Group > Select Paste	Profile is pasted under the selected Trace Group	RCPTT	Pass	
5.6	Copy/Paste Trace Group (Keys)	Redo 5.5 with CTRL+C and CTRL+V keys	Profile is pasted under the selected Trace Group	RCPTT	Pass	
5.7	Copy/Paste Trace	Select Profile > click right mouse button on a Trace > Select Copy -> click right mouse button on other Trace > Select Paste	Profile is pasted under the selected Trace	SWTBot	Pass	
5.8	Copy/Paste Trace (Key)	Redo 5.5 with CTRL+C and CTRL+V keys	Profile is pasted under the selected Trace	RCPTT	Pass	
5.8	13		*	RCPTT		
3.9	Cut/Paste	Redo 5.1 - 5.8 with cut and paste	Successful cut and paste	RCFII	Pass	Trace (5.7) is done with SWTBot
6	Edit Profile - Adverserial					
6.1	Error empty profile name	Clear profile name	Error message "Profile must not be empty"	RCPTT	Pass	
6.2	Duplicate profile name	Add profile with name of existing profile	Error message " <name>: Duplicate profile name"</name>	RCPTT	Pass	
V. 2	Error empty Connection node	rad prome was name or onoung prome	Enter message name : 2 apricate prome name	110111	1 435	
6.3	name	Clear Connection node name	Error message "Node name must not be empty"	RCPTT	Pass	
6.4	Duplicate Connection node name	Within a profile, add Connection node with name of existing node	Error message "Duplicate node names"	RCPTT	Pass	
6.5	Missing username in URI	remove user name of a Connection Node	Error message "URI must include user information"	RCPTT	Pass	
6.6	Invalid URI	add invalid URI	Error message "URI must include valid host and port number" or "Unsupported URI scheme"	RCPTT	Pass	
6.7	Error empty Trace Group	Delete Trace Group root path	Error message "Root path must not be empty"	RCPTT	Pass	
6.8	Error empty Trace	Delete File Pattern	Error message "File pattern must not be empty"	RCPTT	Pass	
6.9	Invalid File pattern	Add trace with invalid regular expression	Error message "Invalid file pattern"	RCPTT	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 imported	SWTBot	Pass	
7.3	Import Profile	Redo 7.2	after second import an error message appears "Duplicate profile names"	SWTBot	Pass	
8	Remote Fetch Wizard	lu a ama				
8.1	Preparation	Senerate CTF trace in <plugin>/generated/synthetic-trace Import profiles from <plugin>/profiles/test-profiles.xml</plugin></plugin>		SWTBot	Pass	

8.2	Create and run Profile "new Profile" (syslog + synthetic CTF trace in sub-directory)	Create Profile with Local connection, 1 trace group (root /tmp/traces/) and 2 traces (.*syslog.* and . *synthetic.*) in this group Select profile in Fetch Remote Traces wizard (Remote Profile page) Click on 'Next' button 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	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"	Select profile "TestAllRecursive" in Fetch Remote Traces wizard (Remote Profile page) Click on 'Next' button (enter password if needed) Click on 'Finish'	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	Local connection is used in SWTBot
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	name and correct trace types assigned (LTTng kernel, LTTng UST, custom text, custom XML). The file unrecognized.log is importeds with	SWTBot	Pass	Local connection is used in SWTBot
8.6	Re-run Profile "TestAllRecursive" (Overwrite)	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 '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.	SWTBot	Pass	Local connection is used in SWTBot
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	SWTBot	Pass	Local connection is used in SWTBot
8.8	Re-run Profile "TestAllRecursive" (Overwrite 2)	Select profile "TestAllRecursive" in Fetch Remote Traces wizard (Remote Profile page) Select checkbox 'Overwrite traces without warning' Click on 'Next' button (enter password if needed) 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.	SWTBot	Pass	Local connection is used in SWTBot
	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.	SWTBot	Pass	Local connection is used in SWTBot
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.10	Run Profile "TestAllNonRecursive"	Select profile "TestAllNonRecursive" in Fetch Remote Traces wizard (Remote Profile page) Click on 'Next' button (enter password if needed) 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.	SWTBot	Pass	Local connection is used in SWTBot
	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/XML logs are imported from root and subdirectory. Make sure that directory structure is preserved.	SWTBot	Pass	Local connection is used in SWTBot
	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/XML logs are imported from root directory only. Make sure that directory structure is preserved.	SWTBot	Pass	Local connection is used in SWTBot
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.13	Run Profile "TestSpecificMutliGroupRecursiv e"	Select profile "TestSpecificMultiGroupRecursive" in Fetch Remote Traces wizard (Remote Profile page) Click on 'Next' button (enter password if needed) Click on 'Finish'	Verify that only traces from root path are imported (LTTng kernel, LTTng UST, custom text, custom XML). Make sure that directory structure is preserved.	SWTBot	Pass	Local connection is used in SWTBot
	Clear traces	Delete all traces from Traces directory	All traces deleted			
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	SWTBot	Pass	Local connection is used in SWTBot
	Clear traces	Delete all traces from Traces directory	All traces deleted			
8.15	Run Profile "TestMultiNodes"	Select profile "TestMultiNodes" in Fetch Remote Traces wizard (Remote Profile page) Click on 'Next' button (enter password if needed) 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	SWTBot	Pass	Local connection is used in SWTBot
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)	SWTBot	Pass	

9.2	Error cannot connect to remote host (wrong password)	Create profile with 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	To Do	Verified in Aug. 22-2018 at 11:46AM. SWTBot test can be run locally by removing the @lgnore tag
10	Other Remote Backends					
	Clear traces	Delete all traces from Traces directory	All traces deleted			
10.2	Remote Fetch using SSH	Update profile with local username and run test 9.2 entering the correct password	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	To Do	

	Section	Pass	Fail	Туре	To Do	Comment
	LTTng 2.0 - Control Flow View	51	0	16	1	2
Target:	Ubuntu 13.04 64 bit					
Step	Test Case	Action	Verification			Comment
0	Prerequisites					
	. rerequisites					
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	O 1 (ITTE IZ ID C	October Elementer	CHUED 4		
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.	SWTBot	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	
1.3	Close view	Close the Control Flow view	View is closed.	SWTBot	Pass	
			Control Flow view is opened and populated			
1.4	Open view	Open the Control Flow view	with processes.	SWTBot	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 chart area	Ctrl-Drag move time graph left and right with middle button	Visible 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 Ctl button		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	Table and time graph scroll up and down and remain aligned. Selected process does not change. Vertical scroll bar updated.	Manual	Pass	
0.5	Madical coall has		Table and time graph scroll up and down and remain aligned. Selected process does not		Davis	
3.5	Vertical scroll bar	Click and drag vertical scroll bar	change.	Manual	Pass	
3.6	Drag zoom 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	Removes focus on time graph
3.8	Mouse hover (empty region)	Hover mouse in time graph over empty region	Tool tip shows process name only.	Manual	Pass	
3.9	Mouse hover (state) Hover mouse in time graph over state		Tool tip shows process name, state name, date, start time, stop 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 (dragged) 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 (dragged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	Pass	
4	Keyboard handling					
4.1		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	
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.	SWTBot	Pass	
5	Tool bar handling					
			The legend dialog is opened and can be			
5.1	Show Legend	Click Show Legend button	closed.	SWTBot	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.	SWTBot	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	SWTBot	Pass	
5.7	Filter Processes	Open Filter Dialog Deselect several processes Press Ok	Verify that only selected processes are displayed in the view	SWTBot	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	
5.11	Optimize	Click on the optimize button	verify that the processes are closer together.	SWTBot	Pass	
5.12	Re-Optimize	Click on the optimize button a few more times	verify that the processes did not move, the optimization is stable	SWTBot	Pass	
5.13	Go to next event of selected thread		Verify in the events table that the selected thread is the same as the previous event	Manual	Pass	
5.14	Go to previous event of selected thread	Select a thread and click on go to previous event of selected thread	Verify in the events table that the selected thread is the same as the previous event	Manual	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	
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					

		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			
	Preparation	4) Create experiment with trace of 2) in it			
7.1	Open multiple traces (no overlap)	Open multiple traces that don't overlap in time	View shows the last opened trace	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 - For both traces, in Events table right mouse- click -> "Follow time updates from other traces"	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.	SWTBot	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	SWTBot	Pass
8.2	Apply filter (2nd trace)	1) Switch to 2nd trace (keep 1st open) 2) Open filter dialog 3) Create filter 4) Click on OK	Make sure that only selected processes of filter dialog are shown	Manual	Pass
8.2	Apply liller (2nd trace)	4) Click on OK	Make sure that previously set filter are still	Manuai	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
9.2	Select single time (Bug 477009)	Open LTTng UST trace while CFV is open Select event in events table	Verify that Control Flow View is empty, current window range stays change to ensure visibility	Manual	Pass

		1) Open Control Flow view, Resources view and a kernel trace. Initial window range is 'range 1'. 2) Go "right one page" on Control Flow view by pressing right arrow in scroll bar. 3) Go "left one page" on Resources view by				
	Window range synchronization	pressing left arrow in scroll bar.	Verify that after each step the initial window			
9.3	(Bug 477012)		range doesn't change	Manual	To Do	To do on Windows

5.0.0-TraceCompassTestCases

LTTng 2.0 - ResourcesView

	Section	Pass	Fail		To Do	Comment
	LTTng 2.0 - Resources View	40	0	7	0	3
Target:	Ubuntu 18.04 64 bits					
-						
Step	Test Case	Action	Verification			Comment
0	Prerequisites					
0.1	Import traces	Import LTTng Kernel traces in Tracing project				
0.1	import traces	Create an experiment with LTTng Kernel				
0.2	Create experiment	traces				
1	View management					
		Open and reset LTTng Kernel Perspective, and				
1.1	Open perspective	select Resources view	Resource view opens.	SWTBot	Pass	
			Resource view is populated with traces			
			(sorted by name) and their resources as tree children (sorted by resource type then			
1.2	Open trace		numerically) Range is set to initial offset.	SWTBot	Pass	
			Resource view is populated with traces			
			(sorted by name) and their resources as tree			
4.0	0	Open experiment with LTTng Kernel traces in			Descri	
1.2	Open experiment		numerically) Range is set to initial offset.	Manual	Pass	
1.3	Close view	Close the Resources view	View is closed.	SWTBot	Pass	
1.4	Open view	Open the Resources view	Resources view is opened and populated with processes.	SWTBot	Pass	
2	View selection		1			
			Resource is highlighted. Selected time line is			
			updated. Other views are synchronized to			
2.2	Select resource in time graph	-3 - 7	selected time.	Manual	Pass	
			State is highlighted in time graph. Selected			
2.3	Select state in time graph		time line is updated. Other views are synchronized to selected time.	Manual	Pass	
3	Mouse handling	Color a ciato in ano anno grapii	symmetric de	1/1411441	. 000	
			Time range is dragged. When mouse button is			
		Drag move time graph left and right with	released, states are updated and new window			
3.1	Drag move canvas	middle button	range is propagated to other views.	Manual	Pass	
			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			
3.2	Zoom time range (mouse wheel)	header or Ctrl+mousewheel in the time graph		Manual	Pass	
			Time range is zoomed in and out. When			
			mouse button is released, states are updated			
3 3	Zoom time range (mouse drag)		0 1 1 0	Manual	Page	
5.5	200m time range (mouse drag)			iviaiiuai	1 ass	
3.4	Mouse vertical scroll		updated.	Manual	Pass	
3.3	Zoom time range (mouse drag)	Drag in time graph scale left and right with left button Scroll with mouse wheel up and down, cursor	Time range is zoomed in and out. When mouse button is released, states are updated and new time range is propagated to other views. Time graph scrolls up and down. Selected process does not change. Vertical scroll bar	Manual	Pass	

5.0.0-TraceCompassTestCases

LTTng 2.0 - ResourcesView

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	
2.6	Drag color time range	Drag coloct time group with right hutten	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	Door	
3.6	Drag select time range	Drag select time graph with right button	Time range is reset to full range, states are	Manual	Pass	
3.7	Double click reset time range	Double-click left button on time scale	updated and new time range is propagated to other views.	Manual	Pass	
3.7	Double-click reset time range	Hover mouse in time graph over empty	other views.	Manual	Pass	
3.8	Mouse hover (empty region)	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.On usermode and syscall tool tip shows also shows hover time, tid and process name.	Manual	Pass	
2.40	Drag moves coloction	J. T.	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	Manual	Dage	
3.10	Drag mouse selection	Drag select time graph with left button	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 (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.	SWTBot	Pass	
			Time range is reset to full range, states are			
5.2	Reset Time Scale	Click Reset Time Scale button	updated and new time range is propagated to other views.	Manual	Pass	
5.3	Select Previous/Next Event	Click Previous/Next State button	Previous or next state is selected. Selected time is updated in other views.	Manual	Pass	
0.0	COLOCT TOVIOUS/INCAL EVERIL	Short 1 (2) (003/116xt State Button	Selected process is changed in time graph.	ivialiuai	1 033	
5.4	Select Previous/Next Process	Click Previous/Next Process button	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	Time range is zoomed relative to selected time. If there is no selected time, it is sometimes zoomed relative to left of window

5.0.0-TraceCompassTestCases LTTng 2.0 - ResourcesView

5.6	Filter Dialog	Open Filter Dialog	Verify that all buttons are working correctly	Manual	Pass	
6	Synchronization	Open inter blaidy	verify that all buttons are working correctly	Ivianuai	r ass	
			Selected time line is updated. If selected time is outside current range, time range is			If selected time T1 is outside range, time range is updated to
6.1	Time synchronization	Select a random time in another view	updated to include it.	Manual	Pass	include it in center of window.
6.2	Time range synchronization	Select a new time range in Control Flow view or in Histogram view.	Time range is updated.	Manual	Pass	If selected time T1 is outside range, time range is updated to include it in center of window. T2 is sometimes not included ir time window, even if it could be.
	Time range selection	In any other view that supports range	Selection is highlighted. If begin time (T1) of selected time range is outside the current			
6.3	synchronisation	synchronization, select a new range.	range, then time range is updated to include it	Manual	Pass	
7	Multiple Trace Synchronization					
•	materple Trace Synchronization					
	Preparation	1) Download traces.zip (if necessary) and unzip into a local directory \${local} 2) Import kernel trace \${local} /traces/import/kernel-overlap-testing 3) Import UST \${local} /traces/import/trace ust-overlap-testing 4) Create experiment with trace of 2) in it				
7.1	Open multiple traces (no overlap)	Open multiple traces that don't overlap in time	View shows the last opened trace	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 For both traces, in Events table right mouse-click -> "Follow time updates from other traces"	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.	SWTBot	Pass	
		and and and and	Dollard.	31500	. 300	
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	SWTBot	Pass	
8.2	Apply filter (2nd trace)	Switch to 2nd trace (keep 1st open) Open filter dialog Create filter Click on OK	Make sure that only selected processes of filter dialog are shown	Manual	Pass	

5.0.0-TraceCompassTestCases

LTTng 2.0 - ResourcesView

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	Manual	Pass	

	Section	Pass	Fail	Туре	To Do	Comment				
	LTTng 2.0 - Control				0					
Tarnet	View Ubuntu 16.04 64 bit	129	U	118	0	26				
raiget	LTTng Tools 2.9.6, Built-in SSH									
	SSH									
Step	Test Case	Action	Verification	Type		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 root session daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx)	LTTng Tracer Control User Guide: http:							
0.1	Set Proxy	a) Window \rightarrow Preferences \rightarrow General \rightarrow Network Connections b) Set "Active Provider" to "Direct"								
1	General									
			LTTng Kernel perspective opens with							
1.1	Open perspective		correct Control view on the left bottom corner	SWTBot	Pass					
		Transfer and the state of the s		51100	- 433					
2	Manage View									
2.1	Close view	Close Control View	Control view is removed from perspective	Manual	Pass					
		Use menu Window \rightarrow Show View \rightarrow Other \rightarrow Lttng \rightarrow								
2.2	Open Control view	Control	Verify that Control view is shown	SWTBot	Pass					
3	Connection Handling									
3.1	Create Host Connection	1) Click Button 'New Connection' 2) Select Tree item 'Built-in SSH' and click on Create 3) Enter Connection Name (e.g. MyHost), enter Host Name (a DNS name or IP address), username and password 4) Click 'Finish' 1) Click 'Finish' 1) Click 'Finish' 1) Click 'Built-in State (Built-in State (Built	Make sure that after 4) the new connection is shown in the tree. Verify that the new host is shown in the Control view (with 'Connection Name'. After Ssh connection has been established, make sure that Provider and Session nodes are created in the Control view underneath the host. Verify that all active Providers (Kernel and UST providers) are shown under the 'Provider' node.	RCPTT	Pass					
			Verify that icon for the corresponding							
3.2	Disconnect		node changes to the disconnect icon and all sub-nodes are removed.	RCPTT	Pass					
3.3	Connect	a) Select host to connect and click Button 'Connect'	Verify that icon for the corresponding node changes to the connected icon and after successful SSH connection all data is retrieved form the remote host (Providers, sessions etc).	RCPTT	Pass					
3.4	Select Host Connection	Select the host previously created Select 'Ok'. (Afterwards enter user ID and Password if	Make sure that SSH connection is established and all data is retrieved from the remote host ((Providers, sessions etc).	RCPTT	Pass					
3.5	Node contexts sensitive menu (host connected)	Connect to remote host	Verify that menu items are shown and enabled/disabled depending on state: 'Connect' (disabled) Disconnect (enabled) Refresh (enabled) Delete (disabled)	RCPTT	Pass					
3.6		,	Verify enable state of view buttons: New Connection (enabled) Connect (disabled) Disconnect (enabled) Refresh' (enabled) Pelete (disabled) Start (disabled) Start (disabled) Stop' (disabled) Destroy Session (disabled) Record Snapshot' (disabled) Import (disabled)	RCPIT	Pass					
3.7	Node contexts sensitive menu (host disconnected)	Disconnect from node	Verify that menu items are shown and enabled/disabled depending on state: 'Connect' (enabled) 'Disconnect' (disabled) 'Refresh' (disabled) 'Delete' (enabled)	RCPTT	Pass					

			Weeks and the state of the state							
			Verify enable state of view buttons: 'New Connection' (enabled)							
			'Connect' (enabled)							
			'Disconnect' (disabled)							
			'Refresh' (disabled) 'Delete' (enabled)							
			'Start' (disabled)							
			'Stop' (disabled)							
			'Destroy Session' (disabled)							
		Disconnect to remote host (if necessary)	'Record Snapshot' (disabled)							
3.8		2) select disconnected node if necessary	'Import' (disabled)	RCPTT	Pass					
		Select node to delete (state disconnected) and click on button 'Delete'								
		b) Redo test with context sensitive menu item 'Delete'								
		,	Verify that host is removed from the							
3.9	Delete		control view.	RCPTT	Pass					
	0	- d- 0.4 h- 44b- 4/	The connection should fail (unless							
3.10	with ssh port	re-do 3.1 but this time specify a port number other than default SSH port 22	remote is configured for the specified port)	RCPTT	Pass					
0.10	with 33H port	OOT port 22	porty	RCITI	1 033					
4	Session Handling									
4.1	Preparation	1) Connect to remote host	-							
	.,,	,	Verify that menu items are shown and							
			enabled: 'Refresh', 'Create Session',							
	Sessions Context		Load' and 'Execute Command Script							
4.2	Sensitive Menu	Select 'Sessions' in tree and click right mouse button		RCPTT	Pass					
			Verify that new session is added under the Session tree node. Verify							
			properties in Properties view (by							
			selecting the session in the Control							
			view):							
		Click right mouse button on 'Sessions'	'Session name' (=MySession) 'Session Path'							
		Select 'Create Session' in the context sensitive menu	(=/home/ <user>/traces/MySession <d< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></d<></user>							
		3) Enter session name 'MySession', keep 'Session Path' empty	ate and time>) and 'State'							
4.3	location)	4) Select 'Ok'	(=INACTIVE)	SWTBot	Pass					
			Verify that new session is added under							
			the Session tree node. Verify properties in Properties view (by							
		1) Click right mouse button on 'Sessions'	selecting the session in the Control							
		2) Select 'Create Session' in the context sensitive menu	view):							
	0	3) Enter session name 'MyOtherSession'	'Session name' (=MyOtherSession)							
4.4	location)	enter custom path (/tmp/myTraces) for 'Session Path' Select 'Ok'	'Session Path' (=/tmp/myTraces) and 'State' (=INACTIVE)	RCPTT	Pass					
7.7	location)	o) ociect or	, ,	RCITI	1 033					
			Make sure that an error message appears in the message area of the							
	Create Session -	1) Click right mouse button on 'Sessions'	dialog box with information that							
	session already exists in	2) Select 'Create Session' in the context sensitive menu	session 'MySession' already exists in							
4.5	GUI	3) Enter session name 'MySession', keep 'Session Path' empty	the tree.	RCPTT	Pass					
		1) login to the remote host using a command shell	Verify that an error dialog box will							
		2) type Ittng create newSession and press enter. This will create	show with information that command							
		a session which is not know by the Control view. 3) Click right mouse button on 'Sessions'	to create a session failed, session already exists on the node. Select							
	Create Session -	Select 'Create Session' in the context sensitive menu	'Details': Verify that the command							
	session already exists	5) Enter session name 'newSession', keep 'Session Path' empty	error detail is shown (with return value			30 seconds pause in the test to create manualy a				
4.6	on node	6) Select 'Ok'	(28))	RCPTT	Pass	session on the host				
			Verify context sensitive menu items:							
			'Refresh' (enabled) 'Start' (enabled)							
			'Stop' (disabled)							
			'Destroy Session' (enabled)							
			'Import' (enabled)							
			'Save' (enabled) 'Enable Channel' (enabled)							
	Session Context		'Enable Event (default channel)'							
	Sensitive menu (session		(enabled)							
4.7	inactive)	Select newly created session and click right mouse button	'Record Snapshot' (disabled)	RCPTT	Pass					
			Mark and be at the of the burn							
			Verify enable state of view buttons: 'New Connection' (enabled)							
			'Connect' (disabled)							
			'Disconnect' (disabled)							
			'Refresh' (enabled)							
			'Delete' (disabled) 'Start' (enabled)							
			'Stop' (disabled)							
			'Destroy Session' (enabled)							
	View button enable state		'Import' (enabled)							
4.8	(session inactive)	Select newly created session (enable an event before)	'Record Snapshot' (disabled)	RCPTT	Pass					
		a) Enable an event	Verify that Session icon changes to 'ACTIVE' icon. Verify that property							
		b) Select session and click on button 'Start'	view shows 'ACTIVE' for the session							
4.9	Start Session	c) Redo test with context sensitive menu item 'Start'	state	SWTBot	Pass					

			Verify context sensitive menu items:							
			'Refresh' (enabled) 'Start' (disabled)							
			'Stop' (enabled)							
			'Destroy Session' (disabled)							
	0		'Import' (disabled)							
	Session Context Sensitive menu (session		'Enable Channel' (disabled) 'Enable Event (default channel)'							
4.10	active)	Select started session and click right mouse button	(disabled)	RCPTT	Pass					
		,								
			Verify enable state of view buttons: 'New Connection' (enabled)							
			'Connect' (disabled)							
			'Disconnect' (disabled)							
			'Refresh' (enabled)							
			'Delete' (disabled) 'Start' (disabled)							
			'Stop' (enabled)							
	View button enable state		'Destroy Session' (disabled)							
4.11	(session active)	Select started session	'Import' (disabled)	RCPTT	Pass					
		In the Control view select session 'MyOtherSession'								
		Click right mouse button Select 'Destroy Session' in the context sensitive menu	Verify that session is removed from							
4.12	Destroy Session	Select 'Ok' in the confirmation dialog box	the control view.	SWTBot	Pass					
	.,	,								
	Kernel Channel									
5	Handling									
5.1	Preparation	Connect to remote host Create new Session 'MyOtherSession'	_							
0			Varify that domain Warnell is							
		Select session and right mouse click Select menu item 'Enable Channel'	Verify that domain 'Kernel' is created under session and channel is added							
		3) Enter Channel name (e.g. myChannel) and keep default	under the domain. Verify that default							
	Enable Channel on session level (default	values 4) Select Kernel	values for the channel are displayed in							
5.2	values)	Select Kernel Click on 'Ok'	the Properties view after selecting the channel in the tree.	RCPTT	Pass					
	,	Select domain 'Kernel' and right mouse click	Verify that channel is added under the							
		2) Select menu item 'Enable Channel'	domain. Verify that correct values for							
	Enable Channel on	3) Enter Channel name (e.g. MyOtherChannel)	the channel are displayed in the							
		4) Change values	Properties view after selecting the	D CDTT						
5.3	values)	5) Click on 'Ok'	channel in the tree.	RCPTT	Pass					
		Select domain 'Kernel' and right mouse click Select menu item 'Enable Channel'								
		Select file it term Enable Chairner Enable Chairner Select file it term E								
	Enable Channel -	default values	Verify that error dialog box is opened							
5.4	channel already exists	4) Click on 'Ok'	notifying that channel already exists.	RCPTT	Pass					
			Verify context sensitive menu items:							
			'Refresh' (enabled) 'Enable Channel' (enabled)							
			'Enable Event (default channel)'							
	Domain Context		(enabled)							
5.5	Sensitive menu	Select domain 'Kernel' and click right mouse button	'Add Context" (enabled)	RCPTT	Pass					
			Verify context sensitive menu items: 'Refresh' (enabled)							
			'Enable Channel' (disabled)							
			'Disable Channel' (enabled)							
	Channel Context		'Enable Event (default channel)' (enabled)							
5.6	Sensitive menu	Select channel 'MyChannel' and click right mouse button	'Add Context" (enabled)	RCPTT	Pass					
		,	Verify that channel is disabled							
			(disabled channel icon shown, state							
		Select channel 'MyChannel' and click right mouse button	DISABLED shown in Properties view, menu item 'Disable' is disabled and							
5.7	Disable Channel	Select Channel MyChannel and click right mouse button Select 'Disable' menu item	menu item 'Disable' is disabled and menu item 'Enable' is enabled	RCPTT	Pass					
			Verify that channel is enabled							
			(enabled channel icon shown, state							
		Select channel 'MyChannel' and click right mouse button 2)	ENABLED shown in Properties view, menu item 'Disable' is enabled and							
5.8	Enable Channel	Select 'Enable' menu item	menu item 'Enable' is disabled	RCPTT	Pass					
6	UST Channel Handling									
		1) Select session and right mouse click	Verify that domain 'UST global' is							
		Select menu item 'Enable Channel'	created under session and channel is							
	Enable Channel on	Enter Channel name 'MyChannel' Select UST	added under the domain. Verify that default values for the channel are							
	session level (default	5) Click on Button 'Default'	displayed in the Properties view after							
6.1	values)	5) Click on 'Ok'	selecting the channel in the tree.	SWTBot						
6.2	Enable/Disable Channel	Redo tests 5.7 and 5.8 with UST channel	See 5.7/5.8	RCPTT	Pass					
_										
7	Kernel Event Handling									

7.1		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 (channel0) is create under domain 'Kernel' and that all tracepoint events are added under the channel with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=TRACEPOINT, State=ENABLED)	SWTBot	Pass							
7.2	Enable Event on domain level (syscalls)	1) Select domain Kernel and click right mouse button 2) Select menu item 'Enable Events (default channel)' 3) Select Kernel' 4) Select Radio button for 'All Syscalls' 5) Click on Ok K	Verify that event with name syscalls is added under the default channel (channel) 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="">, valid symbols have T or t as type, I used "backtrace_stack" for example) 5) Click on 05) Click on 05</kernel>	with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event	RCPTT	Pass		Command to change state of events failed Command failed! Command: Iting — mi xml enable. Error Output. Error: Event MyEvent: Enable kernel event failed (c Return Value: 43	channel sdf, session auto-20	160607-00552	27)	o://ittng.org/xml	/ns/lttng-mi htt
	Enable Event on Channel level (Dynamic		respective channel with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=Function, State=ENABLED, Symbol=create_dev, Offset=0x0,	D.C.D.T.T.			Command to change state of events failed Command failed! Command: Iting —mi xml enable-terro Cuptut: Error: Event bob: Non-default channel exists within Return Value: 83 xml version="1.0" encoding="UTF-8"?	session: channel name need	ds to be specif	fied with '-c nar		
7.4	Function Probe)	5) Click on Ok 1) Select multiple events (tracepoint events) under a channel (not syscalls) and click right mouse button 2) sabel "emu item 2) The control of the control	Event Name=MyOtherEvent) 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	RCPTT	Pass Pass	Note: Disable and Enable menu item is only enabled for events of the same type, all tracepoints or all sys calls. For function and dynamic probe the user has to enable each separately.						
7.6	Enable Event (tracepoint events)	Select multiple 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 item 'Disable' is enabled and menu item 'Enable' is disabled Verify that selected events are	RCPTT	Pass	Note: Disable and Enable menu item is only enabled for events of the same type, all tracepoints or all sys calls. For function and dynamic probe the user has to enable each separately.						
7.7	Enable Event (probe events)	1) Select a probe event (function or dynamic probe) disabled events and click right mouse button 2) Select 'Enable' menu item	enabled (enabled event icon is shown, state ENABLED is shown in Properties view, menu item 'Disable' is enabled and menu item 'Enable' is disabled	RCPTT	Pass							
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 tracepoints (filtered) are enabled and not all kernel tracepoionts	RCPTT	Pass							
8	UST Event Handling											
8.1	Enable Event on session level (all tracepoints)	1) Select session and click right mouse button 2) Select menu item 'Enable Events (default channel)' 3) Select 'UST' 4) Select Radio button for 'Tracepoint Events' 5) Select top level tree node 'All' 6) Click on Ok	Verify that default channel (channell) 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)	RCPTT	Pass							
8.2		1) Select domain 'UST global' and click right mouse button 2) Select menu item 'Enable Events (default channel)' 3) Select Radio button for 'Wildcard' 4) Enter a wildcard (e.g. ust') 5) Click on Oo Oo	Verify that event with wildcarded name (e.g. ust*) is added under the default channel (channel) with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=TRACEPOINT, State=ENABLED)	RCPTT	Pass							
8.3	Enable Event on Channel level (log level)	1) Select a channel (create if necessary) and click right mouse button 2) Select menu item "Enable Events" 3) Select Radio button for "Log Level" 4 Enter Event Name "MyEvent" 5) Select log level TRACE_ERR 6) Select radio button for loglevel	Verify that event with name 'MyEvent' is added under the respective channel with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Event Type=TRACEPOINT. State=ENABLED. Log Level=<≖TRACE_ERR, Event Name=MyEvent)	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 level oly)	button 2) Select menu item 'Enable Events' 3) Select Radio button for 'Log Level' 4) Enter Event Name 'MyOtherEvent' 5) Select log level TRACE INFO	Verify that event with name "MyOtherEvent" is added under the respective channel with state ENABLED. Verify properties view show correct values when selecting a event in the tree (Levent Type=TRACEPOINT, State=ENABLED, tog Level==TRACE_INFO, Event Name=MyOtherEvent).	RCPTT	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	RCPTT	Pass					
	Enable/Disable Event									
8.6	(tracepoint events)	Redo tests 7.5 and 7.6 with UST (loglevel/loglevel-only) events	See 7.5/7.6	RCPTT	Pass					
8.7	Enable Tracepoint Event using filter in tree (Bug 450526)	Enter filter for the tracepoint tree and then select All Click on Ok	Verify that only the selected trace points (filtered) are enabled and not all UST trace points	RCPTT	Pass					
8.8	Enable Event by name	1) Create Session 2) Select session, right-mouse click and select 'Enable Events (default channel)' 3) Select Tracepoints 4) Enter list of names (comma-separated) in text box 5) Click on Ok	Verify that events entered in the comma- separated list are added to the tree	SWTBot	Pass					
9.8	Contexts Handling	5) Click on Ok	separated list are added to the tree	SWIBot	Pass					
9.1	Add Context (to channel)	1) Select kernel channel and click right mouse button 2) Select menu item 'Add Contexts' 3) Expand tree and select some contexts (e.g prio, procname, pld) 4) Click on 'Ok'	Verify that command is successful (no error). NOTE: There is no way to retrieve added contexts from the trace. Therefore GUI cannot display this information.	RCPTT	Pass					
9.2	Add Context (to channel)	1) Select UST channel and click right mouse button 2) Select menu item "Add Contexts" 3) Expand tree and select contexts procname, pthread_id, vpid and vtid 4) Click on 'Ok' 1) 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, phread_id, vpid and vtid are supported.	RCPTT	Pass					
9.3	Add Context (to event)	1) Select 1 Kernel tracepoint event and click right mouse button 2) Select menu item 'Add Contexts' 3) Expand tree and select some contexts (e.g prio, procname, pid) 4) Click on 'Ok' Note: only when using LTTng Tools 2.0.x - 2.1.x. For v2.2 or later this menu item has to be disabled	Verify that command is successful (no error). NOTE: There is no way to retrieve added contexts from the trace. Therefore GUI cannot display this information.	SWTBot	Pass	DEPRECATED				
	Enable Events (from									
10	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 'channel' is created under the domain. Verify that selected events are added under the channel and are ENABLED.	RCPTT	Pass					
10.2	Enable UST Events	1) Make sure that UST application is running on remote host (see step 0) 2) Create a new session 3) Create a channel under domain 'UST global' 4) Select multiple UST Tracepoint events under Providers -> - UST Process' 5) click right mouse button 6) select menu item 'Enable Event' 7) Select newly created session 8) Select NeW, created session 9) Select (NC)	Verify that selected events are added under the selected channel and are ENABLED.	RCPTT	Pass					
44	Immention to Duck									
11	Importing to Project	1) Create new session								
11.1	Preparation	1) Create new session 2) Enable all Kernel Tracepoint events 3) Enable all Kernel sycalis 4) Enable all UST events 5) Start Tracing 6) Stop Tracing after a few seconds 7) Create new Tracing Project								

			After 2 verify that all traces are							
			selected by default and also that the tracing project with name 'Remote' is							
			selected.							
			Verify that during import a progress							
			dialog is opened to show the progress of the import operation.							
			Verify that traces are imported to the							
			project wiith name Remote and its							
			Traces folder. Verify that for the kernel trace the trace type "LTTng Kernel							
			Trace" is set and for the UST traces							
			the trace type "LTTng UST Trace" is set							
			Create Evansiment calent all traces							
		1) Select session from 11.1 and click right mouse button	Create Experiment, select all traces and open Experiment. Make sure that							
11 2	Import to project	2) Select 'Import' 3) Select Ok	all view are populated correctly in the LTTng Kernel Perspective.	RCPTT	Pass	Experiment not tested with populated views				
	import to project	1) Repeat step 1 – 3 of test case 11.2	Er riig itemer croposave.		1 455	Experiment not coded that populated vieto				
	Import to project (Override)	in dialog box select 'Overwrite' (kernel trace) In dialog box select 'Overwrite' (UST trace, re-do if more	Verify that traces are imported and							
11.3	(Override)	than 1 UST trace)	existing traces are overwritten	SWTBot	Pass	Tested with Remote Fetching 8.6				
		1) Repeat step 1 – 3 of test case 11.2	Confirmation dialog only shows once.							
11.4	Import to project (Overwrite All)	2) In dialog box select 'Overwrite All'	Verify that traces are imported and existing traces are overwritten	RCPTT	Pass	Hard to be sure that the overwrite worked				
	(= : = : = : : : : : : : : : : : : : : :		g udoo die oromittell		- 1 1100					
		Repeat step 1 – 3 of test case 11.2 In dialog box select 'Rename' (kernel trace)								
	Import to project	3) In dialog box select 'Rename' (UST trace, re-do if more than								
11.5	(Rename)	1 UST trace) 1) Repeat step 1 – 3 of test case 11.2	different name Confirmation dialog only shows once.	SWTBot	Pass	Tested with Remote Fetching 8.5				
	Import to project	In dialog box select 'Rename All'	Verify that all traces are imported with							
11.6	(Rename All)	1) Repeat step 1 – 3 of test case 11.2	a different name	RCPTT	Pass					
		3) In dialog box select 'Skip' (kernel trace) 3) In dialog box select 'Skip' (UST trace, re-do if more than 1	Marife that are building of topic land							
11.7	Import to project (Skip)	UST trace)	Verify that each skipped trace is not imported	SWTBot	Pass	Tested with Remote Fetching 8.7				
	Import to project (Skip	Repeat step 1 – 3 of test case 11.2 In dialog box select 'Skip All'	Confirmation dialog only shows once.							
	All)	2) III dialog box select Skip Ali	Verify that all traces are skipped	RCPTT	Pass	Hard to be sure that the skip worked				
12	Refresh	Press refresh button and context sensitive menu item for	Verify that the Control View is							
12.1	Refresh	different selections	refreshed.	Manual	Pass					
	Event Filtering (LTTng									
14	2.1)									
		For the tests below a Ubuntu machine with LTTng 2.1 installed								
		(with Ittng 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 LIST								
		daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under								
14.1		daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx) 1) Connect to remote host								
	Preparation	daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under								
	Preparation	daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx) 1) Connect to remote host	Verify that default channel (channel0) is create under domain "UST global"							
	Preparation	daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx) 1) Connect to remote host	is create under domain 'UST global' and that the corresponding event is							
	Preparation	daemon is running (sudo littng list-k) and have one UST process running (e.g. from litng-tools git repository under tests/helio.cxx) 1) Connect to remote host 2) Create new Session 'FilterSession'	is create under domain 'UST global'							
	Preparation	daemon is running (sudo littng list-k) and have one UST process running (e.g. from liting-tools git repository under tests/helio.cxx) 1) Connect to remote host 2) Create new Session 'FilterSession' 1) Select session and click right mouse button 2) Select menu item 'Enable Events (default 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							
	Preparation	daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx) 1) Connect to remote host 2) Create new Session FilterSession' 1) Select session and click right mouse button 2) Select wenu item 'Enable Events (default channel)' 3) Select UST	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							
	·	daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx) 1) Connect to remote host 2) Create new Session 'FilterSession' 1) Select session and click right mouse button 2) Select menu item 'Enable Events (default channel)' 3) Select VIST 4) Select Radio button for 'Tracepoint Events' 5) Select on tracepoint	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 ED little="with filter").							
14.2	Preparation Enable UST Event on session level	daemon is running (sudo lttng list -k) and have one UST process running (e.g. from lttng-tools git repository under tests/hello.cxx) 1) Connect to remote host 2) Create new Session 'FilterSession' 1) Select session and click right mouse button 2) Select menu item 'Enable Events (default channel)' 3) Select UST' 4) Select Radio button for 'Tracepoint Events'	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.	RCPIT	Pass					

15.10	Create trace with file protocol and trace path	2) Enter session name, select file protocol and enter directory /mp/tmpTraces/ in address field, enter /newPath in "Trace Path" text field and press ok 3) Enable events, start tracing, wait for a few seconds, stop tracing 4) Import traces to a existing tracing project	Verify that the traces are stored on the remote host under /tmp/testTraces/newPath/kernel and /tmp/testTraces/newPath/kust/-application(s)> repectively. After 3) make sure that the Session Path in the Property View shows the URL with the configured parameters Verify that the remote import dialog box opens at step 4 (as described in test cases 11.x) and it is possible to transfer the traces to the tracing project. Verify that the traces are stored on the Eclipse local machine under /home/-user name>/tltng-traces/-remote machine	RCPTT	Pass	Need a human to fully test				
15.11	Create trace with net protocol	relayd) 2) Open Create Session Dialog box and select "Advanced >>>" 3) Enter session name, select net protocol and enter IP address of Eclipse local machine in address field and press ok	name>/csession name + date>/kernel and /home and /home home ho	Manual	Pass					
	Create trace with tcp	(Ittng-relayd 'C tcp://0.0.0.1234 -D tcp://0.0.0.5578) 3) Open Create Session Dialog box and selet "Advanced >>>" 4) Enter session name, select tcp protocol and enter IP address of Eclipse local machine in address field, specify data and control ports and press ok 5) Enable events, start tracing, wait for a few seconds, stop tracing (6) Import traces to a existing tracing project	selecting a tracing project is openend that after selecting a project and pressing next the default trace import wizard opens. Then verify that it is possible to transfer the traces to the	Manual	Pass					
	protocol and port Live Streaming Session (UST) - Initial implementation	5) Enable UST events (per UID channel), start tracing, wait for a few seconds, stop tracing 6) Import traces to a existing tracing project 7) Destroy session	Verify that session is created successfully. Verify that after 6) the trace appears in the Traces directory of Remoter project. Verify that relevants views are updated when new	SWTBot		Implementation disabled for 2.0				
15.14	Live Streaming Session (Kernel) - Inititial Implementation	1) Start relayd on Eclipse local machine (default settings: lttng-relayd) 2) Select Live Mode 3) Open Create Session Dialog box and select "Advanced >>>" 4) Enter session name, select net protocol and enter IP address of Eclipse local machine in address field, keep defaults for Live Connection and Live Delay, and press ok 5) Enable Kernel events, start tracing, wait for a few seconds, stop tracing 6) Import traces to a existing tracing project 7) Destroy session	Verify that session is created successfully. Verify that after 6) the trace appears in the Traces directory of Remoter project. Verify that relevants views are updated when new data arrives	SWTBot	N/A	Implementation disabled for 2.0				
16	Preferences									
16.1	Open Preference Dialog	Open Preferences (Menu -> Preferences -> Tracing -> LTTng Tracer Control Preferences)	Verify that tracer control preferences exists and shows Tracing Group, Logging, Log File (always disabled), Append, Verbose Level (None, Level 1, Level 2 Level 3) Verbose Level radio buttons will be	RCPTT	Pass					
16.2	Enable Logging	In Tracer Control Prferences, check checkbox Logging	enabled	RCPTT	Pass					
10.2	Dicable Locaina	In Tracer Central Priorences, upsheet sheet her Leading	Verbose Level radio buttons will be disabled	RCPTT	Pass					
10.3	Disable Logging	In Tracer Control Prferences, uncheck checkbox Logging	uisavitu	KCPII	rass					

16.4	Test Logging level none	Execute 16.2 and execute some commands (e.g. create session, enable event)	Make sure that log file is created and contains the executed commands and command replies	RCPTT	Pass					
		1) Execute 16.2	Make sure that log file contains the executed commands with -v option (e. g. lttng -v create session) and the							
16.5	Test Verbose Logging (Level 1)	select verbose level Level 1 Execute some commands (e.g. create session, enable event)	command replies come with debug information	RCPTT	Pass	This makes no difference for MI starting with Lttng 2.6				
		1) Execute 16.2	Make sure that log file contains the executed commands with -vv option (e.g. lttng -vv create session) and the							
16.6	Test Verbose Logging (Level 2)	select verbose level Level 2 Execute some commands (e.g. create session, enable event)	command replies come with debug information Make sure that log file contains the	RCPTT	Pass	This makes no difference for MI starting with Lttng 2.6				
16.7	Test Verbose Logging (Level 3)	Execute 16.2 Select verbose level Level 3 Execute some commands (e.g. create session, enable event)	executed commands with -vvv option (e.g. lttng -vvv create session) and the command replies come with debug	RCPTT	Pass	This makes no difference for MI starting with Lttng 2.6				
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)	RCPTT	Pass					
		Change Tracing group (e.g. tracing2) and execute a command (while logging enabled)	Verify that Iting command is executed with command line option -g <group>. Ignore any command reply errors (if any)</group>	RCPTT	Pass					
	Change execution		After verify that values smaller than 5							
16.10	timeout	Go to Remote Connection Preferences, Change Timeout	and bigger than 600 are rejected Verify: Group=tracing, Logging is deselected, Append is deselected, Verbose Level=None), and Command	RCPTT	Pass					
16.11	Reset	Reset to defaults	Timout is 15	RCPTT	Pass					
17	Create Channel with advance features (LTTng 2.2 features)									
17.1		For the tests below a Ubuntu machine with LTTng 2.2 installed (with Iting tools 2.2 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 deamon is running (sudo Iting list -k) and have one UST process running (e.g. from Iting-tools git repository under tests/helio.cox								
17.2	Configure Metadata channel (kernel)	1) Create and select session and click right mouse button 2) Select menu item "Enable Channel" 3) Select Checkbox 'Configure metadata channel' 4) Update all ext boxes 5) Click on 'Ok'	Verify after 3) that 'Channel Name' is set to metadata and the correspondig textbox is disabled. Verify after 5) that metadata channel was created under the kernel domain. Also verify in the properties view that all parameters are set correctly when selecting the channel metadata.	RCPTT	Pass					
17.3	Configure Metadata channel (UST)	1) Re-do 17.2 with a UST channel	Verify after 3) that 'Channel Name' is set to metadata and the correspondig textbox is disabled. Verify after 5) that metadata channel was created under the domain UST global. Also verify in the properties view that all parameters are set correctly when selecting the channel metadata.	RCPTT	Pass	Command is successful. However tracer doesn't create metadata channel. Bug in LTTng http://bugs.ittng.org/issues/994				
17.4	Configure File rotation (kernel)	1) Create and select session and click right mouse button 2) Select menu item 'Enable Channel' 3) Fill in channel name 4) Fill in 1048576 in 'Maximum size of trace files' and also 'Sub Buffer Size' 5) Fill in 2 in 'Maximum number of trace files' 6) Click on 'Ok' 7) Enable all kernel events 8) Stathwest and stop tracing.	After 8) verify on the trace node that trace files are not bigger than 1048576 bytes	RCPTT	Pass	Need a human to check the size on the host				
17.5	Configure File rotation (ust)	1) Create and select session and click right mouse button 2) Select menu item 'Enable Channel' 3) Fill in channel name 4) Select UST 5) Fill in 262144 in 'Maximum size of trace files' and also 'Sub Buffer Size' 6) Fill in 2 in 'Maximum number of trace filesfiles' 7) Click on 'Ok' 8) Enable all UST events	After 9) verify on the trace node that trace files are not bigger than 262144 bytes	RCPTT	D.	Need a human to check the size on the host				
17.5		9) Start, wait and stop tracing. 1) Create and select session and click right mouse button 2) Select menu item Enable Channel: 3) Select UST 4) Select Kernel	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	RCFII	Pass	rveeu a nundii iu cheux die size un die nost				
17.6	Buffer Type - toggle UST/kernel	5) Slect cancel	are enabled an no buffer type is selected	RCPTT	Pass					

17.7	Default UST Buffer Type	Create and select session and click right mouse button 2) Select menu item "Enable Channel" Select ST Enter Channel Name Select VCk	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	RCPTT	Pass					
17.8	per PID UST Buffer Type	Prequisite: Multiple UST Applications need to run 1) Create and select session and click right mouse button 2) Select menu item 'Enable Channel' 3) Select UST 4) Select UST 5) Enter Channel Name 6) Select 'OK 6) Select NoK 8) Enable all ust events 9) Start, wait and stop tracing.	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	RCPTT	Pass	9) and 10) not tested with RCPTT				
17.9	per UID UST Buffer Type	Prequisite: Multiple UST Applications need to run 1) Create and select session and click right mouse button 2) Select menu Item 'Enable Channel' 3) Select UST 4) Select UST 5) Enter Channel Name 6) Select 'OK 6) Enable all ust events 9) Start, wait and stop tracing. 10) Import trace	Verify after 6) that the per-pid buffer type is configured for that channel (see properties view). After 10) make sure that only one trace is created even multiple UST applications are running.	RCPTT	Pass	While doing this I found a few bugs but it ended up working. See https://bugs.eclipse.org/bugs/shlow_bug.cg/?d=469425 and https://bugs.eclipse.org/bugs/shlow_bug.cg/?d=469424 and https://bugs.eclipse.org/bugs/shlow_bug.cg/?d=469424 and https://bugs.eclipse.org/shlow-bug.cg/?d=469424				
	Snapshot Channel									
18	(LTTng 2.3 features) Preparation	Connect to a node with LTTng 2.3 installed								
	Create Snapshot Session	1) Click right mouse button on 'Sessions' 2) Select 'Create Session' in the context sensitive menu 3) Enter session name 'MySession', keep 'Session Path' empty 4) Select checkbox 'Snapshot Mode' 5) Select 'O'k.	Verify that new session is added under the Session tree node. Verify properties in Properties view (by selecting the session in the Control view): "Session name" (=MySession) "Snaphshot ID" (=1) "Snapshot Name" (=snapshot-1) "Session Path" (=hOme/-user-/traces/MySessionda ate and time-) and "State" (=INACTIVE) Make sure that the button and menu litem 'Record Snapshot' is enabled							
18.1	Session	5) Select OK	Verify that channel and events a	RCPTT	Pass					
18.2	Enable Kernel Event	Enable all Kernel Tracepoint and syscall events	successful enabled	RCPTT	Pass					
18.3	Start Session	a) Select session and click on button 'Start' b) Redo test with context sensitive menu item 'Start'	Verify that Session icon changes to 'ACTIVE' icon. Verify that property view shows 'ACTIVE' for the session state Make sure that the button and menu item 'Record Snapshot' is enabled. Also make sure that the Button and menu item 'Import' is enabled.	RCPTT	Pass					
		select session and record 2 snapshots: Once with button	, , , , , , , , , , , , , , , , , , , ,							
18.4	Record snapshot	'Record Snapshot' and once with context-sensitive menu item 'Record Snapshot'	Commands succeed without error	RCPTT	Pass					
18.5	Create another snapshot session	t session name ustSession (as described in 18.1)	Make sure that snapshot session is created successfully	RCPTT	Pass					
			Verify that channel and events a							
18.6 18.7	Enable UST Events Start UST session	Enable all UST events see 18.3	successful enabled see 18.3	RCPTT RCPTT	Pass Pass					
18.8	Record snapshot over multiple sessions	Select kernel and ust session (see 18.1 and 18.5) and click on 'Record snapshot' button	Command succeeds without error	RCPTT	Pass					
10.0	mulupic sessions	record shapshot button	Verify that 4 snapshots are available	ACTII	1 055					
			(3 kernel and 1 UST). Verify that all snapshots are imported to the selected							
18.9	Import traces Stop and destroy	Open Import dialog (see 11.2)	tracing project Verify that sessions are destroy	RCPTT	Pass					
18.10	sessions	Stop and destroy both sessions	successfully	RCPTT	Pass					
18.11	Network snapshot session	1) Start relayd on Eclipse local machine (default settings: lttng-relayd) 2) Open Create Session Dialog box, select 'Snapshot Mode'and select 'Advanced >>>* 3) Enter session name, select net protocol and enter IP address of Eclipse local machine in address field and press ok 4) Enable events (UST and Kernel), start tracing, and record a few snapshots, stop tracing 5) Import traces to a existing tracing project 6) Destroy session		Manual	Pass					
						Note that the session has to be started at least once otherwise the command will fail.				
18.12	Record snapshot when session is inactive			SWTBot	Pass					

19	Command Script									
			Make sure that each command of							
		Create a command script to create a session with kernel and	script is executed and script execution							
19.1	Execute command sript	ust events enabled.	is without errors	Manual	Pass					
20	Session Profiles									
			Make sure that the session is saved							
			under ~/.lttng/sessions on the remote							
		Create Tracing session Select session and click right mouse button	Make sure that session is availabe in the workspace by opening Window-							
		3) Select Menu item "Save"	>Preferences -> Tracing -> LTTng							
20.1	Save session	4) Select 'OK'	Remote Profiles	SWTBot	Pass					
			Make sure that the session is saved							
			under ~/.lttng/sessions. Make sure that session is availabe the							
			user is prompted to skip or overwrite							
20.2	Save session (2)	1) Re-do 20.1 (use same session name)	the profile in the workspace	Manual	Pass					
20.2	Save session (no force)	1) Re-do 20.1 but deselect force button	The save command will be rejected by LTTng Tools	RCPTT	Pass					
20.3	Save session (no lorce)	but deselect force button	LITTIG TOOIS	KCPII	Pass					
	destroy all sessions									
	·	1) Select group "Sessions" and click right mouse button								
		Select Menu item "Load"								
		Select a existing profile (from Local) Select 'OK'								
20.4	Load Session (local)	,	Make sure that the session is created	SWTBot	Pass					
	destroy all sessions	1) Calast group "Cassions" and slight right maus - 1:								
		Select group "Sessions" and click right mouse button Select Menu item "Load"								
		3) Select "Remote"								
		Select a existing profile (from Remote) Select 'OK'								
20.5	Load Session (remote)	5) Sciett OK	Make sure that the session is created	RCPTT	Pass					
		1) Select group "Sessions" and click right mouse button								
		2) Select Menu item "Load"	Mala and the LTTee Description							
20.6	Open preference (1)	3) Select "Manage"	Make sure that the LTTng Remote Profile preference page opens	RCPTT	Pass					
	- F F (·)	Open Preferences (Menu -> Preferences -> Tracing -> LTTng	Make sure that the LTTng Remote							
20.7	Open preference (2)	Remote Profiles	Profile preference page opens	RCPTT	Pass					
		1) Open Preference page (see 20.7)								
		2) Select multiple profiles 3) Click on "Export"	Make sure profile is exported to the							
20.8	Export profile	Select destination directory and click on "OK"	destination directory	Manual	Pass					
			Make sure that user is prompted about							
20.9	Export profile (redo)	Redo 20.8	to overwrite or skip existing profile	Manual	Pass					
		1) Open Preference page (see 20.7) 2) Click on "Import"	Make sure profile is imported and							
20.10	Import profile	Select a profile on media and click on "OK"	available in workspace	Manual	Pass					
		1) Redo 20.8	Make sure that user is prompted about							
20.11	Import profile (redo)		to overwrite or skip existing profile	Manual	Pass					
		Open Preference page (see 20.7) Select multiple profiles								
		3) Click on "Delete"	Make sure profile(s) are delete from							
20.12	Delete profile	3) Confirm deletion	the workspace and disk	RCPTT	Pass					
	Kernel Event Filtering									
21	(LTTng 2.6)									
		For the tests below a Ubuntu machine with LTTng 2.1 installed								
		(with Ittng 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 lttng list -k) and have one UST								
21.1		process running (e.g. from lttng-tools git repository under tests/hello.cxx)								
21.1		Connect to remote host								
21.2	Preparation	Create new Session 'FilterSession'								
			Verify that default channel (channel0)							
			is create under domain 'Kernel' and that the corresponding event is							
			created under the channel with state							
			ENABLED.							
		Select session and click right mouse button Select menu item 'Enable Events (default channel)'	Verify that Properties view shows							
		3) Select 'Kernel'	correct values for this event (Event							
		4) Select Radio button for 'Tracepoint Events'	Type=TRACEPOINT,							
	Enable Kernel Event on	Select one tracepoint Enter filter expression on a event field	State=ENABLED, Filter=with filter, Filter=the actual expression in LTTng							
21.3	session level	7) Click on 'Ok'	2.8+)	SWTBot	Pass					

		Verify that selected event is added under the selected channel.							
	1) Execute 14.3								
	Select one Kernel Tracepoint event under Provider "Kernel" Click right mouse button	Verify that Properties view shows correct values for this event (Event							
	select menu item 'Enable Event'	Type=TRACEPOINT,							
Enable Kernel E	Select newly create session and channel Event 6) Enter filter expression on a event field	State=ENABLED, Filter=with filter, Filter=the actual expression in LTTng							
21.4 from provider	7) Click on 'Ok'	2.8+)	SWTBot	Pass					
	Start Tracing Stop Tracing after a view seconds								
	3) Import Trace to Project	Make sure that only events are shown							
21.5 Create trace	Open Trace Destroy Session	in the events table that met the condition in the filter expressions	Manual	Pass					
21.5 Create trace	5) Desitoy dession	condition in the litter expressions	iviaiiuai	r ass					
LTTng UST Ex 22 events (LTTng									
	For the tests below a Ubuntu machine with Ittng tools 2.5.x is								
	required. Either create a VM machine yourself (e.g. on Virtualbox) or install it locally on your native Ubuntu (if correct								
	version). Make sure that the root session daemon is running (sudo lttng list -k) and have one UST process running (e.g. from								
22.1	Ittng-tools git repository under tests/hello.cxx)								
22.2 Preparation	Connect to remote host Create new Session 'FilterSession'								
22.2 Preparation	2) Create new Session Finer Session	Verify that event is added under the							
	Open Enable Event Dialog, select UST	UST Domain and relevant channel. Verify that the Properties view shows							
	2) Use wildcards	the exclusion: Exclusion=with							
Enable events v 22.3 exclude	with 3) Enter a event name to exclude	Exclusion, for Exclusion the actual expression in LTTng 2.8+	SWTBot	Pass					
22.3 exclude		expression in E1 mig 2.0+	3 W 1 BOL	Fass					
LTTng UST per 23 (LTTng 2.6)									
	For the tests below a Ubuntu machine with Ittng 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 lttng list -k) and have one UST process running (e.g. from								
23.1	Ittng-tools git repository under tests/hello.cxx)								
23.2 Preparation	Connect to remote host Create new Session 'MySession'								
	Open Enable Event Dialog, select Kernel	Verify that the selectetd syscalls are							
	Select syscalls In the tree, select selected syscalls	added added under the Kernel Domain and relevant channel.							
23.3 Enable selected	d syscalls 4) Select Ok		SWTBot	Pass					
destroy session	1								
,	1) Open Enable Event Dialog, select Kernel								
	Select Syscalls In the tree, select all syscalls	Verify that the selectetd syscalls are added added under the Kernel Domain							
00.4	4) Select Ok	and relevant channel.	GHEED.						
23.4 Enable all sysca	alis		SWTBot	Pass					
JUL, Log4J, Py 24 Logger	ython								
Configure JUL t	tracing Configure JUL tracing session	verify that session is configured	SWTBot	D. C.					
24.1 session (LTTng Configure Log4	J tracing Configure Log4J tracing session	correctly verify that session is configured		Pass					
24.2 session (LTTng	(2.6) using tree and event name	correctly	SWTBot	Pass					
	on tracing Configure Python tracing session (2.7) using tree and event name	verify that session is configured correctly	SWTBot	Pass					
E SCOSIOII (ETTING	12 / doing a de and event hand	00000,	SWIDOL	. 400					

	Section	Pass	Fail		To Do	Comment	
	Tracing RCP	33	0	0	0	0	
Target:	Ubuntu 16.04 64 bit						
Step	Test Case	Action	Verification			Comment	
0	Preparation						
1	Start RCP						
•	Start RCP						
1.1	Start Tracing RCP	Open RCP from command line or file explorer	Tracing RCP opens in default perspective	Manual	Pass		The delete key doesnt work on Tracing project (we need to use the mouse right click). Bug 486505.
1.2	Start Tracing RCP with text trace	Open RCP from command line withopen <trace absolute="" 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 withopen <trace absolute="" 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		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. Same bug happens with UST traces
1.5	Start Tracing RCP with previously opened Kernel CTF 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		
1.6	Start Tracing RCP with new trace with name conflict		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 ic	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 previously opened text trace	Use Menu "File -> Open Trace". In the file dialog select a text trace and select open. Use same trace than 2.1	Verify that the same trace that was previously linked into the Traces folder is opened and not a new trace entry is created	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	
2.0	RC-00 2.5	on disk	number a surrix added.	ivianuai	1 433	
2.7	Open file	Open file that is not a trace	Trace is imported (linked) however default ic	Manual	Pass	
			Verify that RCP is restarted with the			
2.8	Restart	Use Menu File -> Restart	previously open perspective and trace	Manual	Pass	
2.9	Exit	Use Menu File -> Exit	Tracing RCP exits	Manual	Pass	
3	Window Menu					
	THIS WIFICIIO	Use Menu Window -> Show				
3.1	Open Perspective	Perspective -> Tracing Perspective	Tracing perspective is opened	Manual	Pass	

5.0.0-TraceCompassTestCases

		Use Menu Window -> Show				
		View -> Select Tracing ->				
3.2	Open View	Sequence Diagram	Sequence diagram view is shown	Manual	Pass	
3.3	Preferences	Use Menu Window -> Preferences	Preferences dialog is shown	Manual	Pass	
3.3	Treferences	Make changes of perspective	references dialog is shown	Manaai	1 400	
		by moving views and use menu				
		Window -> Save Perspective As. Enter a perspective name				
3.4	Save Perspective As	and select Ok	Perspective with new name is stored	Manual	Pass	
		Make changes of perspective				
2.5	David David di		After confirming the reset operation the	M1	Dage	
3.5	Reset Perspective	Window -> Reset Perspective.	perspective is reset to the default layout.	Manual	Pass	
4	Help Menu					
	-	Use Menu -> Help -> Help	Help content browser is opened. All			
4.1	Help Contents	Contents	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	
7.2	Tielp Contents (shorteut)	Use Menu -> Help -> Install	Trueling related help is included	ivianiaai	1 400	
		New Software to install new				
4.2	Install new Software	Eclipse feature	Installation is successful	Manual	Pass	
			About dialog is opened all relevent information (e.g. version, copyright years			
4.4	About	Use Menu -> Help -> About	etc) is up-to-date and correct.	Manual	Pass	
			Go over all tracing features and plug-ins			
4.5	Version + Copyright	Use Menu -> Help -> About -> Installation details	and verify that all have the correct version and copyright years	Manual	Pass	
5	Content	installation details	and copyright years	Manuai	газэ	
5.1	TMF presence	Open Tracing perspective	Tracing perspective opens	Manual	Pass	
	1	Open LTTng Kernel				
5.2	LTTng presence	perspective	LTTng Kernel perspective opens	Manual	Pass	
5.3	DCAD Notwork analysis process	Open Network Tracing perspective	Network analysis perspectiv opens	Monual	Pass	
3.3	PCAP Network analysis presence PcapNg Network analysis	Open Network Tracing	retwork analysis perspectiv opens	Manual	F 455	
5.4	presence	perspective	Network analysis perspectiv opens	Manual	Pass	
		Open Network Tracing				
5.5	BMF presence	perspective	Network analysis perspectiv opens	Manual	Pass	
6	Upgrade					
	opgrade	Use Help -> Check For				
6.1	Upgrade from previous release	Updates	RCP is upgraded	Manual	Pass	Tested with RC3
		•				

5.0.0-TraceCompassTestCases TraceSynchronization

	Section	Pass	Fail		To Do	Comment			
	Trace Synchronization	12	0	0	1	0			
Target:									
Step	Test Case	Action	Verification			Comment			
0	Prerequisites	,				,			
0.1	Import traces	Import the scp_dest and scp_src traces in the synctraces.tar.gz file							
0.2	Create experiment 1	Create an experiment containing those 2 traces							
0.3	Create experiment 2	Create an experiment with any other trace							
1	View Management								
1.1	Open Synchronization View	Use menu Window \rightarrow Show View \rightarrow Tracing \rightarrow Synchronization	Verify that 'Synchronization' view is shown	Manual	Pass				
1.2	Delete view	Close the Synchronization View	Synchronization' view is removed from perspective	Manual	Pass				
1.3	Open view	Use menu Window \rightarrow Show View \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 Traces'	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	Close Synchronization View Load LTTng experiment 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	To Do		at should be the resu add a manual time o	It of this operation	nchronisation
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 the syncronization job finishes, the synchronized experiment is closed and experiment 2 is selected. The synchronization view is empty.	Manual	Pass				

	Section	Pass	Fail	Туре	To Do	Comment	
	LTTng 2.0 - Memory Analysis	23	0	6	0	5	
Target:	Ubuntu 16.04 64 bit						
Step	Test Case	Action	Verification	Туре		Comment	
0	Prerequisites	D 1 1110T1 111					
0.1	Download traces	Download UST trace with memory events from https://secretaire.dorsal.polymtl. ca/~gbastien/traces/eclipse_mem_ust.tar. gz. Hung: I suggest downloading eclipse trace					
0.2	Import trace with memory event	Import the LTTng UST trace downloaded above in Tracing project					
0.3	Import trace without memory event	Import one of the LTTng UST trace that does not contain the memory events, for example, the one used for the callstack view					
0.4	Import non-UST trace	Import one LTTng Kernel trace					
1	Project View						
1.1	Check analysis can execute	open the trace that contains the memory events. In the project explorer, expand the trace that contains the memory events	"Ust Memory" analysis is present and "normal"	SWTBot	Pass		84702
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	Verified in Aug. 17-2018 at 15:09PM, but help message is not helpful	
1.3	Check analysis cannot execute	open the trace that contains the memory events. In the project explorer, expand the UST trace that does not contain memory events	"Ust Memory" analysis is present, but striked-out	Manual	Pass		84702
1.4	Verify help message when not applicable		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	SWTBot	Pass		84702
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	SWTBot	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		
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		
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		
3.2	Zoom time range (mouse wheel)	Zoom with CTL + mouse wheel up and down, cursor inside xy chart	Time range is zoomed in and out, relative to mouse cursor. When mouse wheel is stopped for a short time, series are updated and new time range is propagated to other views.	Manual	Pass	When you zoom in and a series was checked but it is now filtered out, when you zoom out you lose you checked series	
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	shows values for checked threads at given moment	
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	Pass		
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 (draggged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	Pass	T1 cannot be less than T2, and delta cannot be negative	
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	Pass	T1 cannot be less than T2, and delta cannot be negative	
4	Synchronization						
	Preparation	Have the Histogram and UST Memory Usage views both visible		SWTBot	Pass		
4.1	Time synchronization	Select a random time in another view	Selected time line is updated.	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 range is highlighted.	Manual	Pass		

5.0.0-TraceCompassTestCases

Network Analysis

	Section	Pass	Fail		To Do	Comment
	Network Trace analysis	11	0	3	0	1
Targe	et: Ubuntu 14.04 64 bit					
Step	Test Case	Action	Verification			Comment
0	Prerequisites					
0.1	Import traces	Import the trace linked here				
1	Trace Import					
1.1	Open the Network Tracing perspective	In the project Explorer, expand any LTTng kernel trace	Verify that the events view, the properties and stream list are displayed	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 view	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 Stream List view	The view is closed	Manual	Pass	
2.5	Open view when trace is already loaded	Re-open the trace. Open The Stream List view	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	Should change the action to "open a non pcap trace" instead of "close the trace"
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	

5.0.0-TraceCompassTestCases XMLanalysis

	Section	Pass	Fail	Type	To Do	Comment
	XML analysis	42	0	0	0	35
Target:	ELX (Ubunutu 12.04 64 bit)					
Step	Test Case	Action	Verification	Type		Comment
0	Prerequisites					
0.1	Import traces	Import LTTng kernel traces				
		Download the test XML file here: https://secretaire.dorsal.polymtl.ca/~gbastien/Xml4Traces/Kernel.Linux.				
0.2	Get a test XML file	xml				
0.3	Make sure the XML file does not exists in the project	Open the Manage Xml Analyses menu and delete the XML file if it exists (or The XML files are located in <workspace directory="">/.metadata/.plugins/org.eclipse. tracecompass.tmf.analysis.xml.core/xml_files. Delete the linux kernel XML file if it exists.)</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 handling					
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	Verified in Aug. 17-2018 at 11:32AM
1.2	Import XML file	Right-click the Traces folder, select Manage XML analyses In the opened dialog import the Kernel. Linux.xml file and close the dialog.	Verify that the 'Xml kernel State System' analysis is now present under a LTTng kernel trace	Manual	Pass	Verified in Aug. 17-2018 at 11:33AM
1.3	Edit XML file	Right-click the Traces folder, select Manage XML analyses In the opened dialog, select Kernel.Linux and click Edit	Verify that the XML editor opens. The editor should have Design and Source sub-tabs	Manual	Pass	Verified in Aug. 17-2018 at 11:52AM
1.4	Disable XML file	Right-click the Traces folder, select Manage XML analyses In the opened dialog, click on the checkbox next to Kernel.Linux to disable it and click Apply.	Verify that the 'Xml kernel State System' analysis doesn't not exist under a LTTng kernel trace	Manual	Pass	Verified in Aug. 17-2018 at 13:50PM
1.5	Enable XML file	Right-click the Traces folder, select Manage XML analyses In the opened dialog, click on the checkbox next to Kernel.Linux to enable it and click Apply.	Verify that the 'Xml kernel State System' analysis is present under a LTTng kernel trace	Manual	Pass	Verified in Dec. 18-2018 at 10:32AN
2	View management					
2.1	Populate the views	Open an LTTng kernel trace (eg trace2 from the tracecompass-test-traces repo)	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	Verified in Aug. 17-2018 at 14:35PM
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	Verified in Aug. 17-2018 at 14:37PM
2.3	Open another XML view	Double-click the 'Xml Resources View' under the analysis	A view titled 'Xml Resources View' should open and it should look quite similar to the Resources view's CPU entries. Both XML views are opened.	Manual	Pass	Verified in Aug. 17-2018 at 14:37PM
2.4	Close view	Close both XML view	The view are closed	Manual	Pass	Verified in Aug. 17-2018 at 14:39PM
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	Verified in Aug. 17-2018 at 14:40PM
2.6	Close traces	Close all opened traces	The view is emptied.	Manual	Pass	Verified in Aug. 17-2018 at 14:02PM
2.7	Open trace	Open an LTTng Kernel trace	The view is populated	Manual	Pass	Verified in Aug. 17-2018 at 14:03PM
2.8	Open another trace	Open a non-LTTng Kernel trace	The view is emptied.	Manual	Pass	Verified in Aug. 17-2018 at 14:04PM
2.9	Open LTTng Kernel trace	Open an LTTng Kernel trace	The view is populated.	Manual	Pass	Verified in Aug. 17-2018 at 14:04PM
3	View selection		1 1			

5.0.0-TraceCompassTestCases XMLanalysis

3.1	Select an entry in the table	Select an entry in the table	Same entry is highlighted in time graph.	Manual	Pass	Verified in Aug. 17-2018 at 14:43PM
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	Verified in Aug. 17-2018 at 14:43PM
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	Verified in Aug. 17-2018 at 14:43PM
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	Verified in Aug. 17-2018 at 14:47PM
4.2	Zoom time range (mouse wheel)	Zoom with CTRL + 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	Verified in Aug. 17-2018 at 14:48PM
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	Verified in Aug. 17-2018 at 14:48PM
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	Verified in Aug. 17-2018 at 14:48PM
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	Verified in Aug. 17-2018 at 14:48PM
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	Verified in Aug. 17-2018 at 14:49PM
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	Verified in Aug. 17-2018 at 14:50PM
4.8	Mouse hover (empty region)	Hover mouse in time graph over empty region	Tool tip shows entry name only.	Manual	Pass	Verified in Aug. 17-2018 at 14:50PM
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	Verified in Aug. 17-2018 at 14:51PM
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	Verified in Aug. 17-2018 at 14:51PM

5.0.0-TraceCompassTestCases XMLanalysis

4.11	Shift key selection Keyboard handling	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	Verified in Aug. 17-2018 at 14:51PM
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	Verified in Aug. 17-2018 at 14:52PM
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 press ENTER 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	Verified in Aug. 17-2018 at 14:52PM
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	Verified in Aug. 17-2018 at 14:52PM
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	Verified in Aug. 17-2018 at 14:53PM
6	Tool bar handling					
6.1	Show Legend	Click Show Legend button	The legend dialog is opened and can be closed.	Manual	Pass	Verified in Aug. 17-2018 at 14:55PM
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	Verified in Aug. 17-2018 at 14:55PM
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	Verified in Aug. 17-2018 at 14:55PM
6.4	Select Previous/Next Process	Click Previous/Next interval button	Selected interval (process/resource) is changed in table and time graph. Vertical scroll bar updated.	Manual	Pass	Verified in Aug. 17-2018 at 14:56PM
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	When there is no time range, it sometimes zooms in relative to left of window
6.6	Filter Dialog	Open Filter Dialog	Verify that all buttons are working correctly	Manual	Pass	Verified in Aug. 17-2018 at 14:56PM
6.7	Filter Processes	 Open Filter Dialog Deselect several processes Press Ok 	Verify that only selected entries are displayed in the view	Manual	Pass	Verified in Aug. 17-2018 at 14:57PM
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	Verified in Aug. 17-2018 at 14:57PM
7.2	Time range synchronization	Select a new time range in Resources view or in Histogram view.	Time range is updated.	Manual	Pass	Verified in Aug. 17-2018 at 14:57PM
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	Verified in Aug. 17-2018 at 14:59PM

	Section	Pass	Fail		To Do	Comment
	Critical path	43	2	2	0	4
Target:	ELX (Ubunutu 12.0					
Step	Test Case	Action	Verification			Comment
0	Prerequisites					
0.1	Import traces	Import the 3 django traces from the test traces				
0.2	Create experiment	Create an experiment with the 3 traces in it				
0.3	Synchronize experiment	Synchronize the experiment, it should be accurate and 2 of the traces will be udpated				
1	View management					
1.1	Open trace	Open any of the django traces in Project Explorer	Expand the Views element under the trace. The OS Exec Graph analysis is there and "normal". The Critical Path analysis is there and the Critical Flow view is available under it.	Manual	Pass	critical flow view is under os execution graph
1.2	Open experiment	Open the django experiment in Project Explorer	Expand the Views element under the trace. The LTTng Kernel Exec Graph analysis is there and "normal". The Critical Path analysis is there and the Critical Flow view is available under it.	Manual	Pass	critical flow view is under os execution graph

1.3	Open view	Expand the Views element, then the Critical Path analysis and click on the Critical Flow View	Critical Path view is opened and empty	SWTBot	Pass	
1.4	Close view	Close the Critical Flow View	Critical Path view is closed	Manual	Pass	
1.5	Unapplicable trace	Open a trace that is not a LTTng kernel trace	Expand the Views element under the trace. The LTTng Kernel Exec Graph analysis is not there. The Critical Path analysis is there and the Critical Flow view is available under it.	Manual	Fail	Critical path analysis or control flow view is not here
1.6	Unapplicable experiment	Open an experiment that does not contain LTTng kernel traces	Expand the Views element under the trace. The LTTng Kernel Exec Graph analysis is there, but striked out. The Critical Path analysis is there and the Critical Flow view is available under it.	Manual	Fail	Critical path analysis or control flow view is not here
2	View population					
2.1	Populate the view with trace	With the django- client trace and the critical path view opened, in the control flow view, find the process named python (TID 9496). Right-click on the process and select "Follow python/9496"	The LTTng kernel exec graph is executed and at the end, the critical path view shows the interaction between 3 workers.	SWTBot	Pass	
2.2	Select worker in time graph	Select an empty region in the time graph section	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	
2.4	Select worker in tree viewer	Select a worker from the tree viewer section	Same process is highlighted in time graph.	Manual	Pass	
2.5	Populate the view with empty path	Repeat steps of 2.1, with django- client trace and process lttng- sessiond (TID 9355)	The Critical Path View is emptied	Manual	Pass	
2.5.5	Select again	Repeat steps of 2.1, and select python/9496 again	The critical path should be the same as 2.1	Manual	Pass	
2.6	Re-opening	Close the django- client trace, reopen it and repeat steps of 2.1	The Critical Path View should be populated like in step 2.1	Manual	Pass	
2.7	Populate the view with experiment	Repeat steps of 2.1, but with the django-experiment instead	The LTTng kernel exec graph is executed and at the end, the critical path view is populated with elements from the 3 traces.	Manual	Pass	
2.8	Populate with trace with time selection	Re-open django- client trace. In the Control Flow View, select a time after the python process exited, then follow the python/9496 process	The Critical Path View should be populated like in step 2.1	Manual	Pass	
3	Mouse handling		F			

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 Ctl button	Time range is zoomed in and out, relative to mouse cursor. When mouse wheel is stopped for a short time, states are updated and new time range is propagated to other views.	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 worker 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	
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 process name and PID.	Manual	Pass	[processName, pid] (e.g. [postgres, 32554])
3.9	Mouse hover (state)	Hover mouse in time graph over state	Tool tip shows worker name, state name, priority, date, start time, end time, duration.	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 (dragged) 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 (dragged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	Pass	
4	Keyboard handling					
4.1	Keyboard navigation in table (process selection)		Selected process is changed. Time graph selection is updated. Vertical scroll bar updated.	Manual	Pass	
4.2	Keyboard navigation in table (tree expansion)	With focus on table, in Windows use LEFT, RIGHT keys while trace or worker is selected in Linux use SHIFT LEFT, RIGHT keys while trace or worker is selected	For trace, tree is expanded or collapsed. Time graph item expansion is updated. Vertical scroll bar updated. For workers, it does nothing.	Manual	Pass	Does the same effect as with focus on time graph (see 4.4) However, "Enter" works. Update the action description?
4.3	Keyboard navigation in time graph (process selection)	With focus on time graph, use UP, DOWN, HOME, END keys	Selected worker is changed. Table selection is updated. Vertical scroll bar updated.	Manual	Pass	
4.4	Keyboard navigation in time graph (state selection)	With focus on time graph, use LEFT, RIGHT keys	Previous or next state is selected. Selected time is updated in other views.	Manual	Pass	
5	Tool bar handling					
5.1	Align views	Click on the Align View Button, with another time graph view, eg the Control Flow view opened above or under	When it is pressed, moving the line between tree viewer and time graph will move the line of the other view. If not pressed, the line can be moved without affecting the other views	Manual	Pass	Align option is now in down arrow at the extreme right of the view

5.2	Show Legend	Click Show Legend button	The legend dialog is opened and can be closed.	Manual	Pass	
5.3			Time range is reset to full range, states are updated and new time range is propagated to other views.	Manual	Pass	
5.4	Select Previous/Next Event	Click Previous/Next Event button	Previous or next state is selected. Selected time is updated in other views.	Manual	Pass	
5.5	Select Previous/Next Element	Click Previous/Next Element button	Selected worker is changed in table and time graph. Vertical scroll bar updated.	Manual	Pass	
5.6	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	When there is no selection, sometimes it zooms relative to left of window
5.7	Add Bookmark	Select a time, and click on the Add Bookmark button	The bookmark is added and is displayed in the other views as well (if enabled)	Manual	Pass	
5.8	Next/Previous marker	Add more bookmarks, then click on the next/previous marker buttons	The time graph view navigate between the bookmarks, States are updated and time selection is propagated to other views. When on a bookmark, the Add bookmark buttons changes to Delete bookmark	Manual	Pass	
5.9	Delete bookmark	With next/previous marker, when on a bookmark, click the delete bookmark button	The bookmark is deleted from all views	Manual	Pass	
5.11	Do not show markers	Click on the down arrow at the extreme right of the view, then expand Show markers and uncheck the Bookmarks box	All remaining bookmarks disappear from the view, but remain in other views where the they are enabled	Manual	Pass	
5.12	Show markers	Same as above, recheck the Bookmarks box	The bookmarks come back	Manual	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	
6.2	Window range synchronization	Select a new window range in another view	Window range is updated.	Manual	Pass	_

6.3	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	
6.4	Out of region selection		Selected time is updated and the critical path view is synced with the other	Manual	Pass	

	Section	Pass	Fail		To Do	Comment
	LAMI	17	1	0	0	1
Target:	Ubuntu 16.04 64					
Step	Test Case	Action	Verification			Comment
0	Prerequisites					
0.1	Import traces	any trace since we use stub for the result				
0.2	Download analysis stubs	https://bugs.eclipse.org/bugs/attachment.cgi?id=263946 from bug: https://bugs.eclipse.org/bugs/show_bug.cgi? id=493941				
1	Custom external analysis					
1.1	Add all stubs analysis Actions availables Actions avaliables	Create the following analysis (\$name, \$command): analysisEmpty, analysisEmpty analysisMultipleRow, analysisMultipleRow analysisMultipleSimilarRow, analysisMultipleSimilarRow analysisOneRow, analysisOneRow multipleReports, multipleReports invalidAnalysis, invalidAnalysis errorResult, errorResult clone, analysisOneRow Right click on "External Analyses" node Click the "add" action Insert \$name Insert "fullpathr\sexecutable" which is the full path to the stub executable. ex:"/tmp/stub/stubAnalysis" where stubAnalysis is the stub executable The path do NOT support ~ or relative path Right click on a non-strikethrough custom analysis. Right click on a strikethrough custom analysis.	All new external analysis are present under the "External Analysis" node in the Project explorer view. All new elements do NOT have the strikethrough text style applied EXCEPT for the tuple (invalidAnalysis, invalidAnalysis) The run action can be clicked and in enabled text mode. The run action CANNOT be clicked and is in disabled text	Manual Manual Manual	Pass Pass Pass	Analysis still appears in the list of the external analyses of the trace. When opening
1.3	Delete analysis	Right click on the tuple (clone, invalidAnalysis) Select the delete action for the node	The analysis does not appear in the list anymore.	Manual	Fail	another trace, however, its external analyses do not have the deleted analysis anymore.
			analysisEmpty should return a message to the user regard errorResult should return an error message to the user an	d display the result		
1.4	Run analysis	Launch remaining analysis via righ-click and run action	All other one have result and should result in a new table a	and new report node	Pass	launching an analysis on a closed trace doesn't do anything
2	Reports		The "Reports" node under the Project Explorer should contain 4 report:			
2.1	Reports node	Expand the "Reports" node under the Project Explorer	analysisMultipleRow Report analysisMultipleSimilarRow Report analysisOneRow Report multipleReports	Manual	Pass	"multipleReports" is displayed "multipleReports Report" in Report
	20	Events the Benchei On Bentheir Co.	An additional node should be present under the "Reports" node: analysisOneRow Report #2 Note: This behaviour is subject to change in the following year but still an action will be taken on same name report	Morriel	Page	
2.2	Same name report	Execute the "analysisOneRow" analysis again. Right click on the duplicate "analysis OneRow" node and click	creation.	Manual	Pass	
2.3	Delete node	on the delete action	The node reports is not present anymore A new panel should open with the result table of the	Manual	Pass	
2.4	Open a report	Right click on any report and select the "open" action	analysis	Manual	Pass	

5.0.0-TraceCompassTestCases

An operand product organic Registration of Residual Control Service Significant Registration of Service Servic							
2.6 Multiple regord: Open the "multiple Reports" report. 3.1 Prorequisited 3.2 Hoth called 3.2 Hoth called 3.3 Show table 3.3 Show table 3.4 Sorring 3.5 Hot stable 3.5 Colum Rescape 3.6 Show table 3.7 Column Rescape 3.7 Underest selection 3.8 Selection 3.9 Column Rescape 3.0 Show table 3.0	2.5		Right click again on the same report to open it		Manual	Pass	
Secret Processing Secret Sec	2.6	Multiple report	Open the "multipleReports" report.		Manual	Pass	
Michigan	3						
Solve table Solve table Click the "Topge" studin in the right correct of the result table is shown Manual	3.1	Prerequisites	Open the "analysisMultipleRowReport"		Manual	Pass	
Stow bibb Click the "Togge" butten in the right comer of the result bibb is shown 3.4 Sorting multiple time on the name should change the ordering set? 3.5 Coult Meetings will be selected to the babb of the b	3.2	Hide table	Click the "Toggle" button in the right corner of the result table	The result table is hidden	Manual	Pass	
Soft and column by clickag on the column ame. Clicking and the column ame should change the ordering street. 3.5 Column Resulting Bester the column will be three or the mane should change the ordering street. 3.6 Multiple selection in selection that the selection was of the table selection or selection that the results works of the table selection or selection that the results works of the table selection or selection that the results works of the table selection or selection that the results works of the table selection or selection that the results works of the table selection or selection that the results works of the table selection or selection are highlighted in the table selection are highlighted in the table selection are highlighted in the table selection are highlighted and the selected armyon. 4 Bar Chart 4 Create Chart Create and Select any a and any sick add 5 Select any and y and click add and "clc" and selection that the selection are highlighted in the table and selection are highlighted in the table selection are highlighted are selected in the table and selection are highlighted in the table and selection are highlighted in the selection are selected to missing and the selection are highlighted in the selection are highlighted in the selection are highlighted in the selection are selected to missing and the selection are highlighted in the selection are selected to missing and the selection are	3.3	Show table		The result table is shown	Manual	Pass	
Multiple selection are highlighted in the table Deselect multiple rows by holding chi and clicking on multiple measurements of the table Deselect multiple rows by holding chi and clicking on multiple measurements of the table and clicking on multiple measurements of the clicked rows should not be selected anymore measurements. 4.1 Create "Use the menu on the upper right of the result table and select clicking on multiple clicking on multiple measurements." 4.2 Series dialog and selected in which are recovered in recovered in newly created series via the delete button. User should be able to delete series. 4.3 Series dialog and series will be created in the series list. Manual Pass Selection or click and and "ok". 4.4 Creat thant Selection Click on any bar inside the chart. And the chart should be recovered from selected in the result table and the chart should be inclined the series that and the chart should be inclined the plant of the selected in the table. 4.5 Selection Click on any bar inside the chart. And the chart should be inclined the plant of the selected in the table and the chart should be inclined to selected in the result table and the chart should be inclined to selected anymore. Manual Pass Selection and the chart should be inclined the plant of the selected in the table results. 4.8 Multi selection Click on other selected bar measurement of Tios. When there are too much bars inside the chart it is more difficult to click on any bar inside the chart. In the chart. The click dots or should be in long selected anymore. Manual Pass Selection and the chart should be recovered from selection and recovered from selection and the chart should be recove			Sort all column by clicking on the column name. Clicking	Validate that the order make sense	Manual	Pass	
Multiple selection or before that the control of the fable of the fabl	3.5	Colum Resizing	Resize the column	Validate that the resize works	Manual	Pass	
4 Bar Chart A Bar Chart A Bar Chart A Create 'Use the menu on the upper right of the result table and select care young remove and the property of the selected but the selected but the property of the selected but the property of the selected but the property of the selected but the selected	3.6	Multiple selection		Multiple selections are highlighted in the table	Manual	Pass	
4.1 Create "Create the menu on the upper right of the result table and select of create branch" categories values categories values (actegories values) 4.2 Series dialog and Select any x and any y click add Series are added to the series list Manual Pass 4.3 Create Chart Select any x and y y click add Learn of the series o	3.7	Unselect selection		The clicked row should not be selected anymore	Manual	Pass	
4.1 Create 'rerete bar chart' categories values 4.2 Series dialog of Series dialog of Series dialog of Series are added to the series list 4.3 Series dialog of embore 4.4 Creat chart 4.5 Series dialog 4.6 Creat chart 4.7 Creat chart 4.8 Selection 4.8 Selection 4.8 Selection 4.9 Series dialog of embore 5.8 Selection 6.8 Sel	4	Bar Chart					
4.3 Series dialog remove Remove all newly created series via the delete button 4.4 Creat chart Select any x and y and click add and "ok" Ab creat should be preated and both categories values A bar chart should be preated and the chart A select any x and y and click add and "ok" The coresponding row should be selected in the table and the chart should highlight the selected bar 4.5 Selection Cirk on any bar inside the chart Selections on the unselected bar The circked and the chart should highlight the selected bar and the chart should highlight the selected bar and the chart should be removed from selection and the chart 4.7 Deselection Cirk-click on other unselected bar Recreate the same graph but with the y log scale option enabled A see the chart A y axis Recreate the same graph but with the y log scale option enabled A see the chart A popen A see the chart A popen A see the chart A popen A see the chart open A see the table results A selection A see the chart open A see the chart open A see the table results A selection A see the chart open A see the table results A select Chart A seater chart should be created A seater chart A seater chart A seater chart should be the same behaviour as the bar chart A should be the same behaviour as the bar chart A shou	4.1	Create				Pass	
A 3 remove Remove all newly created series via the delete button User should be created Note: a bar roard does NOT perform agregation of Note: a bar roard does NOT perform agre	4.2	Series dialog add	Select any x and any y click add	Series are added to the series list	Manual	Pass	
At Creat chart Select any x and y and click add and "ok" Note: a bar chart does NOT perform agregation of categories values Selection Click on any bar inside the chart The corresponding row should be selected in the table and the chart should highlight the selected bar and the chart should highlight the selected bar when there are too much bars inside the chart it is more difficult to click on a a bar abra. At Note: a because of the sheen number of TIDs when there are too much bars inside the chart it is more difficult to click on a abra. At Note: a because of the sheen number of TIDs when the result table and the chart should highlight the selected bar and the chart should highlight the result table and the chart should highlight the selected bar. At Obselection Click on other unselected bar The clicked bar should be removed from selection and the chart the creant table and the chart should be in log scale mode whith the current selections and the result table and regality the form and regality the form of the pass of the sheen number of TIDs when the chart is more difficult to click on a bar abra. At Obselection Click on other unselected bar The clicked bar should be removed from selection and the chart of the result table and select when the current selections and regality the form selection and the creat file and results and regality the form selection and the creat file and regality the number of TIDs when the chart is more difficult to click on at a bar abra. At Obselection Click on other unselected bar The clicked bar should be independent with the current selections and the creat file and the chart is more difficult to click on a bar abra. And and Pass At Deselection Click on other unselected bar the chart is more difficult to click on a bar abra. And and Pass At Deselection Click on other unselected bar the chart is more difficult to click on a bar abra. And and Pass At Deselection Click on the result bar and the chart is more difficult to click on a bar abra. And and Pass At Deselection	4.3		Remove all newly created series via the delete button		Manual	Pass	
4.5 Selection Click on any bar inside the chart and the chart should highlight the selected bar Manual Pass a bar 4.6 Multi selection Ctri+click on other unselected bar The clicked bar should be removed from selection and the chart The clicked bar should be removed from selection and the chart The clicked bar should be removed from selection and the result table update with the current selections Manual Pass 4.8 Yaxis Recreate the same graph but with the y log scale option on enabled Repetition of page 1.0 Seale of the chart open Recreate the same graph but with the y log scale option on enabled Repetition of the chart open Recreate the same graph but with the y log scale option of the chart open Recreate the same graph but with the y log scale option of the chart open Recreate the same graph but with the y log scale option of the chart open Recreate the same graph but with the y log scale option of the chart open Recreate the same graph but with the y log scale option of the chart open Recreate the same graph but with the y log scale option of the chart open Recreate the same graph but with the y log scale option of the chart open Recreate the same graph but with the y log scale option of the chart open Recreate the same graph but with the y log scale option of the chart open Recreate manual regards and regards the harding since log scale to not support zero and negative handling since log scale to not support zero and negative handling since log scale on the scale Y are not removed. When a Y is selected, all y that do not support logarithmic scale Y are removed Ranual Pass 5.1 Create "Use the menu on the upper right of the result table and select "Create Scaler chart" "Create scaler chart" And an unal Pass Recreate the scale of the same behaviour as the bar chart Ranual Pass Recreate the scale Y are not removed. When a Y is selected, all y that do not support logarithmic scale Y are not removed. When a Y is selected, all y that do not support logarithmic scale Y are not removed. When a Y is selected, all y	4.4	Creat chart	Select any x and y and click add and "ok"	Note: a bar chart does NOT perform agregation of	Manual	Pass	
4.6 Multi selection Ctri-click on other unselected bar the chart The clicked bar should be removed from selection and the result table update with the current selections Manual Pass A.8 Y axis Recreate the same graph but with the y log scale option enabled Pass Recreate the same graph but with the y log scale option on enabled Pass Recreate the same graph but with the y log scale option on enabled Pass Recreate the same graph but with the y log scale option on enabled Pass Recreate the same graph but with the y log scale option on enabled Pass Recreate the same graph but with the y log scale option on enabled Pass Recreate the same graph but with the y log scale option on enabled Pass Recreate the same graph but with the y log scale option on enabled Pass Recreate the same graph but with the y log scale option on the upper graph of the results Pass Recreated Pass	4.5	Selection	Click on any bar inside the chart		Manual	Pass	
4.7 Deselection Ctrl+click on other selected bar the result table update with the current selections Manual A.8 Y axis Recreate the same graph but with the y log scale option enabled A.9 Keep the chart open Keep the chart open Hide the table results A.10 Hide the table results B.1 Create Create Use the menu on the upper right of the result table and select 'create scatter chart' B.2 Creat chart Select any x and y and click add and "ok" A scatter chart should be the same behaviour as the bar chart A will is selection Should be the same behaviour as the bar chart Should be the same behaviour as the bar chart Should be the same behaviour as the bar chart A should be the same behaviour as the bar chart Should be the same behaviour as the bar chart Manual Pass When checking logarithmic scale Y, all y that do not support logarithmic scale Y are removed. When a Y is selected, all y that do not support logarithmic scale Y are removed. When a Y is selected, all y that do not support logarithmic scale Y are removed. Manual Pass When checking logarithmic scale Y, all y that do not support logarithmic scale Y are removed. When checking logarithmic scale Y, all y that do not support logarithmic scale Y are removed. When checking logarithmic scale Y, all y that do not support logarithmic scale Y are removed. When checking logarithmic scale Y, all y that do not support logarithmic scale Y are removed. When checking logarithmic scale Y are removed. When checking logarithmic scale Y, all y that do not support logarithmic scale Y are removed. When checking logarithmic scale Y, all y that do not support logarithmic scale Y are removed. When checking logarithmic scale Y ar	4.6	Multi selection	Ctrl+click on other unselected bar		Manual	Pass	
Recreate the same graph but with the y log scale option enabled Note: check for zero value and negative handling since log scale do not support zero and negative handling since log scale do	4.7	Deselection	Ctrl+click on other selected bar	the result table update with the current selections	Manual	Pass	
4.9 open Keep the chart open Manual Pass Hide the table results Hide the table results Manual Pass S	4.8			Note: check for zero value and negative handling since	Manual	Pass	scale Y are not removed. When a Y is selected, all y that do not support
4.10 results Hide the table results Manual Pass Scatter Chart 1.1 Create 1.2 Create 1.3 Select any x and y and click add and "ok" 1.4 Multi selection 1.5 Should be the same behaviour as the bar chart 1.5 Deselection 1.5	4.9	open	Keep the chart open		Manual	Pass	
Use the menu on the upper right of the result table and select "create scatter chart" A scatter chart should be created Manual Pass Select any x and y and click add and "ok" Selection Should be the same behaviour as the bar chart Should be the same behaviour as the bar chart Manual Manual Pass Selection Should be the same behaviour as the bar chart Should be the same behaviour as the bar chart Manual Should be the same behaviour as the bar chart Manual Pass Selection Should be the same behaviour as the bar chart Manual Pass Should be the same behaviour as the bar chart Manual Pass Should be the same behaviour as the bar chart Manual Pass Manual Pass Manual Pass Manual Pass Should be the same behaviour as the bar chart Manual Pass Manual Pass	4.10		Hide the table results		Manual	Pass	
5.1 Create "create scatter chart" 5.2 Creat chart Select any x and y and click add and "ok" A scatter chart should be created Manual Pass Selection Should be the same behaviour as the bar chart Manual Pass Should be the same behaviour as the bar chart Manual Pass Should be the same behaviour as the bar chart Manual Pass Should be the same behaviour as the bar chart Manual Pass Should be the same behaviour as the bar chart Manual Pass Should be the same behaviour as the bar chart Manual Pass Should be the same behaviour as the bar chart Manual Pass Manual Pass Manual Pass Pass	5	Scatter Chart					
5.2 Creat chart Select any x and y and click add and "ok" Manual Pass 5.3 Selection Should be the same behaviour as the bar chart Should be the same behaviour as the bar chart Manual Pass 5.4 Multi selection Should be the same behaviour as the bar chart Should be the same behaviour as the bar chart Manual Pass 5.5 Deselection Should be the same behaviour as the bar chart Should be the same behaviour as the bar chart Manual Pass 5.6 Mouse hovering Hover mouse in the graph On mouse hovering a cross should snap to the nearest point Manual Pass Pass Manual Pass Manual Pass Manual Pass Pass Pass	5.1	Create					
5.4 Multi selection Should be the same behaviour as the bar chart Should be the same behaviour as the bar chart Manual Pass 5.5 Deselection Should be the same behaviour as the bar chart Should be the same behaviour as the bar chart Manual Pass 5.6 Mouse hovering Hover mouse in the graph On mouse hovering a cross should snap to the nearest point Manual Pass	5.2	Creat chart	Select any x and y and click add and "ok"	A scatter chart should be created	Manual	Pass	
5.5 Deselection Should be the same behaviour as the bar chart Should be the same behaviour as the bar chart On mouse hovering a cross should snap to the nearest point Manual Pass 5.6 Mouse hovering hover mouse in the graph Pass	5.3	Selection	Should be the same behaviour as the bar chart	Should be the same behaviour as the bar chart	Manual	Pass	
5.6 Mouse hovering Hover mouse in the graph On mouse hovering a cross should snap to the nearest point Manual Pass	5.4	Multi selection	Should be the same behaviour as the bar chart	Should be the same behaviour as the bar chart	Manual	Pass	
5.6 Mouse hovering Hover mouse in the graph point Manual Pass	5.5	Deselection	Should be the same behaviour as the bar chart	Should be the same behaviour as the bar chart	Manual	Pass	
5.7 Full deselection Click in the chart when no hovering cross is present All selected objects should be deselected Manual Pass	5.6	Mouse hovering	Hover mouse in the graph		Manual	Pass	
	5.7	Full deselection	Click in the chart when no hovering cross is present	All selected objects should be deselected	Manual	Pass	

ps	Section	Pass	Fail	Туре	To Do	Comment
	LTTng 2.0 - I/O Analysis	20	1	5	0	6
Target:	Ubuntu 16.04 64 b					
				_		
Step	Test Case	Action	Verification	Type		Comment
0	Prerequisites					
0.1	Import traces	Import LTTng Kernel traces in Tracing project				
1	Project View	Tracing project				
1.1	Check analysis can execute	In the project explorer, expand a LTTng Kernel trace	"Input/Output" analysis is present and "normal" (not striked-out)	SWTBot	Pass	
1.2	Verify help message when applicable	In the project explorer, open and expand the LTTng kernel trace, right-click the Input/Output 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	"Input/Output" analysis is not present	SWTBot	Pass	
2	View Management					

2.1	Populate analysis's view	Open an LTTng kernel trace and expand the "Input/Output" analysis in the project explorer	"Disk I/O Activity" View appears under the analysis	SWTBot	Pass	
2.2	Open view	Double-click the Disk I/O Activity View under the Input/Output analysis	The Disk I/O Activity view opens and triggers the input/output analysis. After the analysis, the xy charts is populated.	SWTBot	Pass	
2.3	Close trace	Close the trace	The Disk I/O Activity view is	Manual	Pass	
2.3	Close trace	With the view	emptied. The Disk I/O	Manuai	Pass	Graph is emptied
2.4	Open trace	already opened, open the trace		Manual	Pass	Disks are unchecked when opening the trace
2.5	Close view	Close the Disk I/O Activity view	The view is closed.	Manual	Pass	
2.6	Re-open view	Double-click the Disk I/O Activity view under the Input/Output analysis in project explorer.	The view opens and is automatically populated.	Manual	Pass	Disks are unchecked
3	View selection					
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	Fail	Wierd issue when drag move left and right (will showcase soon)
4.2	Zoom time range (mouse wheel)	Zoom with mouse wheel up and down, cursor inside xy chart	Time range is zoomed in and out, relative to mouse cursor. When mouse wheel is stopped for a short time, series are updated and new time range is propagated to other views.	SWTBot	Pass	
4.3	Drag zoom 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.	Manual	Pass	

4.4	Mouse hover	Hover mouse in xy chart region anywhere	Tool tip shows the puntual disk activity, with units in <unit>/s</unit>	Manual	Pass	
4.5	Drag mouse selection	Drag select xy chart with left button	Selection highlighted and selection range is propagated to other views	Manual	Pass	
4.6	Shift key selection	Click select with left button (begin time), press shift key and click select another time (end time)	Selection highlighted and selection range is propagated to other views	Manual	Pass	

4.8	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		Christophe: when selecting a range with shift, T2 is always greater than T1. When you left click somewhere, it becomes T1, but if you shift+left click on a lower time (to the left), that second one becomes T1 and the former T1 becomes T2. Thus, T2-T1 can never be negative. David: Same comment as of 11/06/19
5	Keyboard handling					
6	Synchronization	1				
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	

6.2	Time range synchronization	Select a new time range in Disk I/O Activity view or in Histogram view.	Time range is updated.	Manual	Pass	
6.3	Time range selection synchronisation	In any other view that supports range synchronization, select a new 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	
6.4	Disk I/O Activity works with experiments			Manual	Pass	

	Section	Pass	Fail		To Do	Comment	
	LTTng 2.0 - VM Analysis (moved to Incubator)	0	0	0	0	2	
Target:	,						
Step	Test Case	Action	Verification			Comment	
0	Prerequisites						
0.1	Import traces	Download traces here: https: //secretaire. dorsal.polymtl. ca/~gbastien/tra cingSummit201 4/mpi_traces. tgz and import the 3 kernel traces in the vmnet directory					
0.2	Create experiment	Create an experiment with the 3 traces in it					
0.3	Synchronize experiment	Synchronize the experiment, it should be accurate and 2 of the traces will be udpated					
0.4	Set experiment type	Right-click the experiment, click "Select experiment type" and select "Virtual Machine Experiment"					
1	View management						

2.1	Populate the view with experiment	With the VM experiment, open the Virtual CPU View	The view is populated with the VM element as the only parent and 2 virtual guests having 3 VCPUs each and a collapsed Threads entries	Manual	N/A				
2	View population	, 1				-,/\			
1.6	Unapplicable experiment	Open an experiment that is not of Virtual Machine Experiment type	Expand the Views element under the trace. There is no Virtual Machine Analysis.	Manual	N/A	django exp			
1.4	Close view	Close the Virtual CPU View	Virtual CPU view is closed	Manual	N/A				
1.3	Open view	Expand the Views element, then the Virtual Machine analysis and click on the Virtual CPU View	Virtual CPU view is opened, the virtual machine analysis is triggered and the view gets filled	Manual	N/A	launches kernel exe	ec graph which take a	very long time, slow	indexing throughput
1.2	Open experiment	Open the vm experiment in Project Explorer	Expand the Views element under the trace, then the Virtual Machine Analysis element. The Virtual CPU view is present	Manual	N/A	VM experiment and	normal experiment no	eed visual differencia	tors.
1.1	Analysis present	Expand the Views element of the experiment	The Virtual Machine Analysis is present	Manual	N/A				

2.2	View guest's threads	Expand the Threads entry of a guest	A list of processes is shown, in numerical order and their time graph viewer part is filled	Manual	N/A		
2.3	VM specific states	Zoom in the VCPUs time graph around the "interesting" region, where there is more action (around the second half of the trace)	2 new states are easily recognizable: WAIT_VMM and VCPU_PREEM PTED	Manual	N/A		
2.4	Preempted thread states	Select a region with the CPU_PREEMP TED state and scroll down the threads entries to around 405-406: mpi-imbalance processes	We can observe alpha'ed states corresponding to the cpu preempted states	Manual	N/A		
2.5	Re-opening	Close the VM experiment, reopen it	The view is populated again	Manual	N/A		
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	N/A		

3.2	Zoom time range (mouse wheel)	Zoom with mouse wheel up and down, cursor inside time graph while holding the Ctl button	states are updated and	Manual	N/A		
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	N/A		
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 worker does not change. Vertical scroll bar updated.	Manual	N/A		
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	N/A		

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	N/A		
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	N/A		
3.8	Mouse hover (empty region)	Hover mouse in time graph over empty region	Tool tip shows process name only.	Manual	N/A		
3.9	Mouse hover (state)	Hover mouse in time graph over state	Tool tip shows entry name, state name, date, start time, end time, duration.	Manual	N/A		
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	N/A		

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 (dragged) selected time and delta the time difference between T2-T1 (can be negative)	Manual	N/A		
4	Keyboard handling						
4.1	Keyboard navigation in table (process selection)	With focus on table, use UP, DOWN, HOME, END keys	Selected entry is changed. Time graph selection is updated. Vertical scroll bar updated.	Manual	N/A		
4.2	Keyboard navigation in table (tree expansion)	With focus on table, in Windows use LEFT, RIGHT keys while expandable element is selected in Linux use SHIFT LEFT, RIGHT keys while expandable element is selected	For expandable element, tree is expanded or collapsed. Time graph item expansion is updated. Vertical scroll bar updated. For other entries, it does nothing.	Manual	N/A		
4.3	Keyboard navigation in time graph (process selection)	With focus on time graph, use UP, DOWN, HOME, END keys	Selected entry is changed. Table selection is updated. Vertical scroll bar updated.	Manual	N/A		
4.4	Keyboard navigation in time graph (state selection)	With focus on time graph, use LEFT, RIGHT keys	Previous or next state is selected. Selected time is updated in other views.	Manual	N/A		
5	Tool bar handling						

5.1	Align views	Click on the Align View Button, with another time graph view, eg the Control Flow view opened above or under	When it is pressed, moving the line between tree viewer and time graph will move the line of the other view. If not pressed, the line can be moved without affecting the other views	Manual	N/A			
5.2	Show Legend	Click Show Legend button	The legend dialog is opened and can be closed.	Manual	N/A			
5.3	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	N/A	Verified in Aug. 15-2018 at 16:27PM		
5.4	Select Previous/Next Event	Click Previous/Next Event button	Previous or next state is selected. Selected time is updated in other views.	Manual	N/A	State works		
5.5	Select Previous/Next Element	Click Previous/Next Element button	Selected entry is changed in table and time graph. Vertical scroll bar updated.	Manual	N/A			
5.6	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	N/A			

5.7	Add Bookmark	Select a time, and click on the Add Bookmark button	The bookmark is added and is displayed in the other views as well (if enabled)	Manual	N/A		
5.8	Next/Previous marker	on the next/previous	The time graph view navigate between the bookmarks, States are updated and time selection is propagated to other views. When on a bookmark, the Add bookmark buttons changes to Delete bookmark	Manual	N/A		
5.9	Delete bookmark	With next/previous marker, when on a bookmark, click the delete bookmark button	The bookmark is deleted from all views	Manual	N/A		
5.11	Do not show markers	expand Show markers and uncheck	All remaining bookmarks disappear from the view, but remain in other views where the they are enabled	Manual	N/A		
5.12	Show markers	Same as above, recheck the Bookmarks box	The bookmarks come back	Manual	N/A		
6	Synchronization	п					
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	N/A		
6.2	Window range synchronization	Select a new window range in another view	Window range is updated.	Manual	N/A		

			Selection is highlighted. If the left time (T1)				
		In any other	of selected time				
		view that	range is outside				
		supports	the current				
		selection range	range, then				
		synchronization,	window range is				
	Selection range		updated to				
6.3	synchronization		include it	Manual	N/A		

	Section	Pass	Fail		To Do	Comment
	Flame Graph	17	2	11	0	2
Target:	Windows 7 64 bit					
Step	Test Case	Action	Verification			Comment
<u>0</u>	Download the test resources	Download this				
1	Preparation	_				
1.1	Open TMF Flame Graph View	Use menu Window → Show View → Tracing → Flame Graph	Verify that 'Flame Graph View' view is shown	SWTBot	Pass	
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	SWTBot	Pass	
1.3	Import cyg-profile trace	Import the trace in the "trace" directory of the downloaded zip	Verify that the Flame Graph View is populated with some callers/callees 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 Flame Graph View is populated with some callers/callees information.	SWTBot	Pass	
2	Manage View					

	Open view when trace is already	2) Open "glxgears-cyg- profile(-fast)" trace located in the git in ctf test 3) Open 'Flame	Verify that view is populated with callers/callees			
2.4	loaded Open Experiment	Graph' view Open Experiment with 2 or moreFlame Graph traces. (You can use both traces)	information Verify that view is populated with all callers/callees information	SWTBot Manual	Pass Pass	
2.6	Restart	Restart Eclipse with Flame Graph trace opened	Verify that view is populated with	Manual	Pass	

2.7	Close all traces	Close traces and experiment one by one from the editor tab	Verify that Flame Graph view is cleared after closing the last trace	Manual	Pass	
3	Sorting					
3.1	Thread name sorting	Open a trace multiple Flame Graph thread or open experiment with 2 or moreFlame Graph traces. Then select 'Sort threads by thread name'	The view is sorted by thread name.	Manual	Fail	no name is shown for thread name. When sorting by lowest first or highest first, nothing changes
3.2	Thead id sorting	Open a trace multiple Flame Graph thread or open experiment with 2 or moreFlame Graph traces. Then select 'Sort threads by thread id'	The view is sorted by thread id.	Manual	Fail	no id is shown for thread id. When sorting by lowest first or highest first, nothing changes
4	Synchronization					
4.1	Time synchronization	Select a random time in another view	Selected time line is not updating. Nothing happen.	Manual	Pass	

- The 'Call Stack' view is populated The call stack view is populated The call stack view is synchronised to view is synchronised to the range of the random entry in the graph 3. Select 'go to - The 'Call Stack' view is populated the call stack view is synchronised to the range of the maximum call duration of the 'Flame Graph'	
4.2 Go to maximum maximum' selected entry Manual Pass	
- The 'Call Stack' view is populated Stack' View 2. In the 'Flame Graph' view, right-click on a random entry in the graph 3. Select 'go to - The 'Call Stack' view is populated - The call stack view is synchronised to the range of the minimum call duration of the 'Flame Graph'	
4.3 Go to minimum minimum' selected entry Manual Pass	
5 Function name import	
1. Open the 'Call Stack' view with the 'Flame Graph' view and the cygprofile trace opened 2. Import 'cygprofile-mapping. txt' as mapping txt' as mapping instead of function name import text file function address. 1. Open the 'Call Stack' and 'Flame Graph' views display function name instead of function address. SWTBot Pass	
5 Mouse handling	

5.1	Mouse hover (empty region)	Hover mouse in time graph over empty region	Tool tip shows depth only	SWTBot	Pass	
	Mouse hover (state)	Hover mouse in time graph over state	Tool tip shows Total time and self times with standard statistics.	SWTBot	Pass	

5.0.0-TraceCompassTestCases CountersView

#	Section	Pass	Fail		To Do	Comment
	Counters View	3	0	0	0	0
Target:						
Step	Test Case	Action	Verification			Comment
1	Preparation					
1.1	Import an LTTng trace (with counters) and non LTTng traces	LTTng trace (with counters): kernel VM in test-traces	In the project explorer, ensure the Counters view icon is only strikethroughed for the non LTTng trace.	Manual	Pass	
2	Filtered checkbox tree					
2.1	Same as 1.1	Same as above	The color is changed when filtering the counters	Manual	Pass	
3	B Displaying counters data					
3.1	Same as 1.1	Same as above	All counters are displayed	Manual	Pass	
4	Supporting experiments					
4.1	Same as 1.1	Same as above	All counters are displayed	Manual	Pass	
5	Persistence between traces					
5.1				Manual	N/A	

5.0.0-TraceCompassTestCases

Bug Reports

	Section	# Bug Reports	# Open	# Fixed
	Bug Reports	0	0	0
Test Case	Bug Title	Found Bug Report	Status	