

Overview

ID:	736	Status:	Completed
Title:	COMP00260402: 4f_ibb12: Tracks not filtered out after multiple tools have been removed	Creator:	Arichi Arzare
Created On:	2017-04-13 10:51	Finished On:	2017-04-14 12:22
Total Person Time:	02:03:04	Wall-Clock Time:	1d, 01:31:18
Total Reviewer Time:	00:24:48	LOC All Versions (Uploaded/Changed):	1054/0
LOC Final Versions (Uploaded/Changed):	354/0	Document Pages (All):	0
Document Pages (Final):	0	Number of Defects:	1
Number of Comments:	2	Component:	THMI
Overview:	<p>1. Defect Description: -Tracks not filtered out after multiple tools have been removed. The defect is seen on removal of two tools, iCOOR text field and local highlight of ground speed field.</p> <p>2. Steps to reproduce the issue: Issue1: iCOOR text field -Enter some text in iCOOR field of a correlated track. -From the global filter window, apply MIL, VFR and altitude filter such that the above is eligible for filter. -Now remove the text from the iCOOR field,the track doesn't get filtered. Issue2: local highlight on Ground speed field: -click ctrl+SB on the ground speed field on the track label and apply a global filter as mentioned above. Now remove the highlight by clicking ctrl+SB on the same field. -The issue couldn't be reproduced, please refer the root cause.</p> <p>3. Root Cause: -On removal of iCOOR field, there is no call to evaluate filter state of the track. However, the track does get filtered after hovering over the track or resetting the filter ,as mentioned in the description, as the update in track triggers filter evaluation. This might be because of the solution given for PCR COMP00260295 (filter on agenda datablock removal) as before the solution the filter after datablock removal wasn't happening. So the override was always true for the track. After the solution the override caused due to datablock is false, but there is no separate trigger for evaluating filter on removal of iCOOR field so it only gets filtered on hovering or resetting the filter.</p> <p>-In the case of ground speed highlight, it wasn't getting reproduced and we suspect that this defect is solved too by the solution given for PCR COMP00260295.After the solution the override caused due to datablock is false, so after removal of local highlight the track does get filtered.</p> <p>4. Description of the Code/SRS changes: -In the SuiteCoordinationTextIndicatorField class, a change in the cooperation model triggers the model changed method in the ChangeNotificationListener inner class. -I added a call to the evaluate filter state which will check if track is eligible for filter, and will remove it if true.</p> <p>5. Does the same defect exist elsewhere in JHMI? -No</p> <p>6. What is the Impact of the Code/SRS changes? -None</p> <p>7. What testing was performed? Yes</p> <p>8. Code Coverage -</p>		

Checklist

Title	Status	User	Date
ATMS_JAVA_0101 - Add an annotation "overriden" each time a method is overriden.	Checked	Arichi Arzare	2017-04-13 11:26
ATMS_JAVA_0103 - Applicable only in a multi-threaded context : Calls of static member on instances (instead of classes) are forbidden.	Checked	Arichi Arzare	2017-04-13 11:26
ATMS_JAVA_020 - Don't compare objects with == otherwise justify.	Checked	Arichi Arzare	2017-04-13 11:26
ATMS_JAVA_092 - Condition expression with floating point shall not use "==" or "!=".	Checked	Arichi Arzare	2017-04-13 11:26
ATMS_JAVA_094 - Recursiveness is authorized but should be controlled (depth) and documented.	Checked	Arichi Arzare	2017-04-13 11:26
Check that the requirements impact within the code changes	Checked	Arichi Arzare	2017-04-13 11:26
Code Coverage added to overview.	Checked	Arichi Arzare	2017-04-13 11:26
Check for Javadoc and unused imports (Also in JUNITS).	Checked	Arichi Arzare	2017-04-14 06:37
SRS Impact (TC/UC/UI) identified and modified if required.	Checked	Arichi Arzare	2017-04-13 11:26

Participants

Name	Role	State	Person-Hours
Arichi Arzare	Author	Active	01:38:16
Vaibhav Nalawade	Reviewer	Approved	00:24:48

Defect Log

ID	Creator	File	Location	Severity	Type	Defect Origin	Text
1612	Vaibhav Nalawade	src/core/jhmi/presentation/plugins/piFlightPlanCooperation/src/com/thales/atm/jhmi/ui/plugin/piFlightPlanCooperation/coordination/SuiteCoordinationTextIndicatorField.java	[Overall]	Minor	Documentation	Others(OTH)	Modify the steps to reproduce the issue to include both issues.

Materials Summary

Most recent versions of each file

Num Files:	2	Num Code Files:	2	Num Documents:	0	Num Images:	0	Num URLs:	0
Num Other Binaries:	0	Num Changelists:	5	LOC (Uploaded):	354	LOC (Changed):	0	Document Pages:	0
Inspection Rate (Uploaded):	856 LOC/hr	Inspection Rate (Changed):	0 LOC/hr	Document Inspection Rate:	0.00 pages/hr	Image Inspection Rate:	0.00 images/hr	URL Inspection Rate:	0.00 urls/hr
Binary Inspection Rate:	0.00 binaries/hr	Code Defect Density (Uploaded):	2.82 defects/kLOC	Code Defect Density (Changed):	∞ defects/kLOC	Document Defect Density:	N/A defects/page	Image Defect Density:	N/A defects/image
URL Defect Density:	N/A defects/URL	Binary File Defect Density:	N/A defects/file						

All versions of each file

Num Files:	6	Num Code Files:	6	Num Documents:	0	Num Images:	0	Num URLs:	0
Num Other Binaries:	0	Num Changelists:	5	LOC (Uploaded):	1054	LOC (Changed):	0	Document Pages:	0
Inspection Rate (Uploaded):	2550 LOC/hr	Inspection Rate (Changed):	0 LOC/hr	Document Inspection Rate:	0.00 pages/hr	Image Inspection Rate:	0.00 images/hr	URL Inspection Rate:	0.00 urls/hr
Binary Inspection Rate:	0.00 binaries/hr	Code Defect Density (Uploaded):	0.95 defects/kLOC	Code Defect Density (Changed):	∞ defects/kLOC	Document Defect Density:	N/A defects/page	Image Defect Density:	N/A defects/image
URL Defect Density:	N/A defects/URL	Binary File Defect Density:	N/A defects/file						