

Design Space Exploration - Feature #3452

Change Request # 4013 (New): [UI] Collection task SWT based views -> JavaFX-based views

Feature # 3434 (New): [JavaFX] Migration of the DSE Perspective to JavaFX

Feature # 3450 (New): [JavaFX] Migrate the visualization view

[JavaFX] Migrate the spiderchart visualization

06/11/2018 04:53 PM - Alexander Diewald

Status:	Closed	Start date:	06/11/2018
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	Backlog		
Description			
Tracing ticket. For a description of the task see the parent issue.			

History

#1 - 06/18/2018 04:19 PM - Alexander Diewald

- Assignee set to Alexander Diewald

#2 - 01/25/2019 06:30 PM - Alexander Diewald

- Target version changed from AF3 2.14 RC1 (Feature Freeze) to AF3 2.15 RC1 (Feature Freeze)

#3 - 05/13/2019 02:15 PM - Johannes Eder

- Target version changed from AF3 2.15 RC1 (Feature Freeze) to AF3 2.16 RC1 (Feature Freeze)

#4 - 09/30/2019 01:58 PM - Alexander Diewald

- Target version changed from AF3 2.16 RC1 (Feature Freeze) to AF3 2.17 (Feature Freeze)

#5 - 10/25/2019 11:27 AM - Alexander Diewald

- Priority changed from Normal to High

#6 - 01/27/2020 04:39 PM - Alexander Diewald

- Target version changed from AF3 2.17 (Feature Freeze) to Backlog

#7 - 01/27/2020 04:39 PM - Alexander Diewald

- Assignee changed from Alexander Diewald to Tiziano Munaro

- Priority changed from High to Normal

#8 - 06/09/2020 04:15 PM - Tiziano Munaro

- Status changed from New to In Progress

- % Done changed from 0 to 90

MR: https://git.fortiss.org/af3/af3/-/merge_requests/344

#9 - 06/15/2020 05:01 PM - Tiziano Munaro

- File test_dse_flat.af3_23 added

- Status changed from In Progress to Resolved

- % Done changed from 90 to 100

YELLOW!

Merge requests:

- https://git.fortiss.org/af3/af3/-/merge_requests/344

- https://git.fortiss.org/af3/kernel/-/merge_requests/119

Testing:

- The spiderchart itself is easily tested by opening the `SpiderChartExample` view using the `Alt+Shift+Q,Q` shortcut.
- The integration into the visualization view can be tested using the attached AF3 project:

1. Import the project into the DSE view
2. Create a constraint to decouple both tasks
3. Create four objectives:

1. Minimize bandwidth for BUS 1
2. Minimize bandwidth for BUS 2
3. Minimize RAM for ECU 1
4. Minimize RAM for ECU 2

1. Run a deployment with these objective (make sure to create and include a respective RuleSet!)
2. Switch to the spiderchart in the visualization view

#10 - 06/22/2020 09:47 AM - Tiziano Munaro

- Assignee changed from Tiziano Munaro to Alexander Diewald

#11 - 06/22/2020 09:50 AM - Tiziano Munaro

FYI: Most of the code is taken and adapted from SystemFOCUS. See [SpiderChartTestView.java](#).

#12 - 06/23/2020 06:41 PM - Alexander Diewald

- Assignee changed from Alexander Diewald to Johannes Eder

Merged. Please close :)

#13 - 06/23/2020 06:41 PM - Alexander Diewald

- Status changed from Resolved to Closed

- Assignee deleted (Johannes Eder)

Files

test_dse_flat.af3_23	46.1 KB	06/15/2020	Tiziano Munaro
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