

## Design Space Exploration - Feature #3434

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

### [JavaFX] Migration of the DSE Perspective to JavaFX

06/11/2018 04:29 PM - Alexander Diewald

<b>Status:</b>	New	<b>Start date:</b>	04/19/2017
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Alexander Diewald	<b>% Done:</b>	95%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	AF3 2.18 - Feature Freeze		
<b>Description</b>			
<b>Motivation.</b>			
<p>The rather complex DSE perspective uses a lot of custom views built with SWT technology. This causes migration efforts to future AF3/SF versions that will be built on top of JavaFX. Now that the basic integration in the development platform is done, the DSE perspective can be migrated step-by-step.</p>			
<b>Approach.</b>			
<p>This is a collection ticket that refers to a set of tickets, where one ticket per view of the DSE perspective. This encourages to migrate the views continuously while allowing to trace the progress of the migration.</p>			
<b>Outcome.</b>			
<p>This collection ticket is complete when there are no more references to SWT classes in the exploration.ui plugin, except those required to be compatible with the AF3 kernel and eclipse specifics.</p>			
<b>Subtasks:</b>			
Support # 3389: Greenify exploration.ui			<b>Closed</b>
Feature # 3437: [JavaFX] Migrate the ConstraintPattern editor			<b>Closed</b>
Feature # 3436: [JavaFX] Migrate the AllocationPattern editor			<b>Closed</b>
Feature # 3438: [JavaFX] Migrate the function coupling pattern editor			<b>Closed</b>
Feature # 3439: [JavaFX] Migrate the MemoryPattern editor			<b>Closed</b>
Feature # 3440: [JavaFX] Migrate the SafetyPattern editor.			<b>Closed</b>
Feature # 3441: [JavaFX] Migrate the Dashboard Wizard used to import DSE projects.			<b>Rejected</b>
Feature # 3442: [JavaFX] Migrate the Objective editor.			<b>Closed</b>
Feature # 3443: [JavaFX] Migrate the BusBandwidthOptimization editor			<b>Closed</b>
Feature # 3444: [JavaFX] Migrate the BusElimination Objective editor			<b>Rejected</b>
Feature # 3445: [JavaFX] Migrate the HardwareOptimization editor			<b>Closed</b>
Feature # 3446: [JavaFX] Migrate and Rework the Synthesis view			<b>Closed</b>
Feature # 2942: ProblemDimensions in DseML			<b>Rejected</b>
Feature # 3541: Basic integration of the new Synthesis View			<b>Closed</b>
Feature # 3542: Add a mechanism to mark constraint compatibility with output artefacts			<b>Rejected</b>
Feature # 4057: Update user and developer documentation with the JFX-based Synthesis ch...			<b>Closed</b>
Feature # 3450: [JavaFX] Migrate the visualization view			<b>New</b>
Feature # 3452: [JavaFX] Migrate the spiderchart visualization			<b>Closed</b>
Feature # 3453: [JavaFX] Migrate the table visualization			<b>New</b>
Change Request # 3666: Move the visualization translation code to the visualization bac...			<b>Rejected</b>

### History

#### #1 - 01/25/2019 06:24 PM - Alexander Diewald

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

#### #2 - 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)

**#3 - 09/30/2019 02:00 PM - Alexander Diewald**

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

**#4 - 04/16/2020 11:22 AM - Alexander Diewald**

- Target version changed from AF3 2.17 (Feature Freeze) to AF3 2.18 - Feature Freeze

**#5 - 05/12/2020 09:51 AM - Johannes Eder**

- Parent task set to #4013