

## Design Space Exploration - Feature #3542

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 # 3446 (Closed): [JavaFX] Migrate and Rework the Synthesis view

### Add a mechanism to mark constraint compatibility with output artefacts

10/02/2018 04:09 PM - Alexander Diewald

|   |                           |                        |            |
|---|---------------------------|------------------------|------------|
| <b>Status:</b>  | Rejected                  | <b>Start date:</b>     | 10/02/2018 |
| <b>Priority:</b>  | High                      | <b>Due date:</b>       |            |
| <b>Assignee:</b>  | Alexander Diewald         | <b>% Done:</b>         | 100%       |
| <b>Category:</b>  |                           | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b>  | AF3 2.18 - Feature Freeze |                        |            |
| <b>Description</b>  |                           |                        |            |
| <b>Problem Description</b>  |                           |                        |            |
| In order to allow a user to select only constraints that are applicable to a certain synthesis (corresponding to an output artifact), it is required to have a marker for constraints that denotes the compatible types.  |                           |                        |            |
| <b>Steps</b>  |                           |                        |            |
| <ul style="list-style-type: none"><li>• Define a concept.</li><li>• Intgrate the change in the model.</li><li>• Adjust the UI logic to filter the ExplorationTargets accordingly.</li></ul>   |                           |                        |            |
| <b>Remarks</b>  |                           |                        |            |
| <ul style="list-style-type: none"><li>• We decided to use "marker interfaces"/Class objects to denote the compatibility of constraints.</li><li>• We must use a list of class objects (or similar) since inheritance would require us to create a class for each possible constraint, thus contradicting the goals of DSML (no migration needed).</li></ul> |                           |                        |            |

### History

#### #1 - 01/25/2019 06:34 PM - Alexander Diewald

- Target version changed from AF3 2.15 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 - 10/08/2019 09:27 AM - Alexander Diewald

- Assignee changed from Johannes Eder to Alexander Diewald

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

#### #4 - 10/25/2019 11:29 AM - Alexander Diewald

- Priority changed from Normal to High

#### #5 - 04/16/2020 11:23 AM - Alexander Diewald

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

#### #6 - 08/24/2020 02:18 PM - Alexander Diewald

- Status changed from New to Rejected

Resolved in [#3541](#).

#### #7 - 08/24/2020 02:27 PM - Alexander Diewald

- % Done changed from 0 to 100