

AF3 Phoenix - Change Request #3896

Support directed connectors in the kernel

12/10/2019 10:28 AM - Alexander Diewald

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|---|------------------------------------|
| Status: New | Start date: |
| Priority: Normal | Due date: |
| Assignee: Alexander Diewald | % Done: 0% |
| Category: | Estimated time: 20.00 hours |
| Target version: Backlog | |
| Description | |
| Current status | |
| <p>IConnectors that define an incoming or outgoing direction are currently created in AF3 plugins. This is recurring pattern and thus can be generalized. However, no generic code can be written for these IConnectors as of now.</p> | |
| Proposed change | |
| <ul style="list-style-type: none">• Change the IConnector to implement a getOwner() method that wraps calls to the eContainer() field.• Add the interfaces IInputConnector and IOutputConnector that have the input and output reference lists as before. They shall inherit from the reduced IConnector interface.• Create an IInOutputConnector interface that unifies the IInputConnector and IOutputConnectors.• Migration of the "owner" field should not be needed since the EMF-encoded containment relations already duplicates the owner reference in the eContainer field. | |
| Related issues: | |
| Related to Feature #3883: [UI] Introduce JavaFX-based editor for PlatformComp... | Closed 12/02/2019 |
| Blocks Change Request #3897: Generalize base visuals for directed Connectors | New |

History

#1 - 12/10/2019 10:29 AM - Alexander Diewald

- Related to Feature #3883: [UI] Introduce JavaFX-based editor for PlatformComponentStructureEditorBase<T> added

#2 - 12/10/2019 10:32 AM - Alexander Diewald

- Blocks Change Request #3897: Generalize base visuals for directed Connectors added

#3 - 04/16/2020 05:32 PM - Alexander Diewald

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