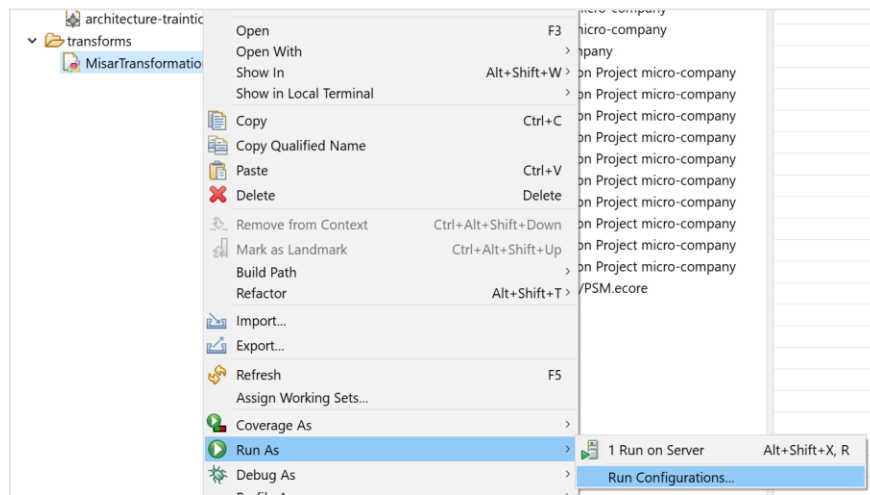


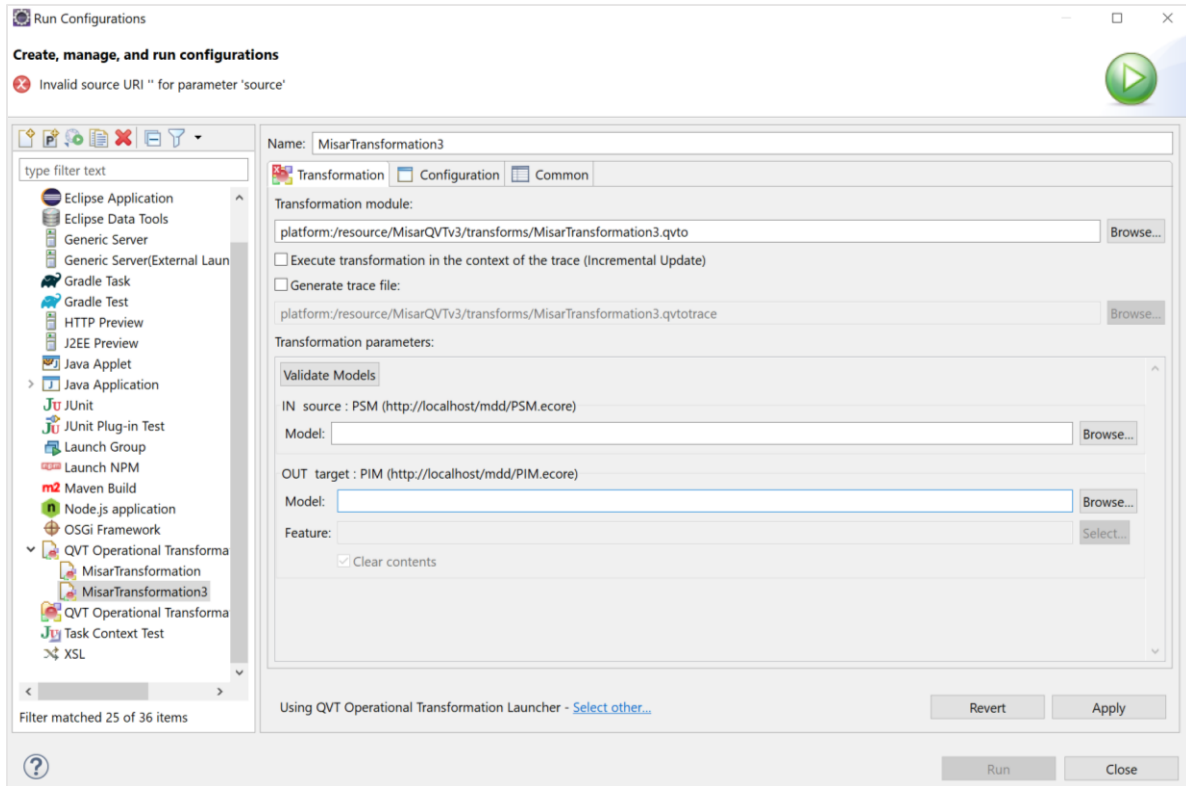
Manual For Recovering an Architectural Model in MiSAR

Functionality: This manual gives guidelines to follow to create a MiSAR PIM instance from an existing microservice system. The MiSAR PIM instance generated is the recovered MiSAR architectural model in Ecore format.

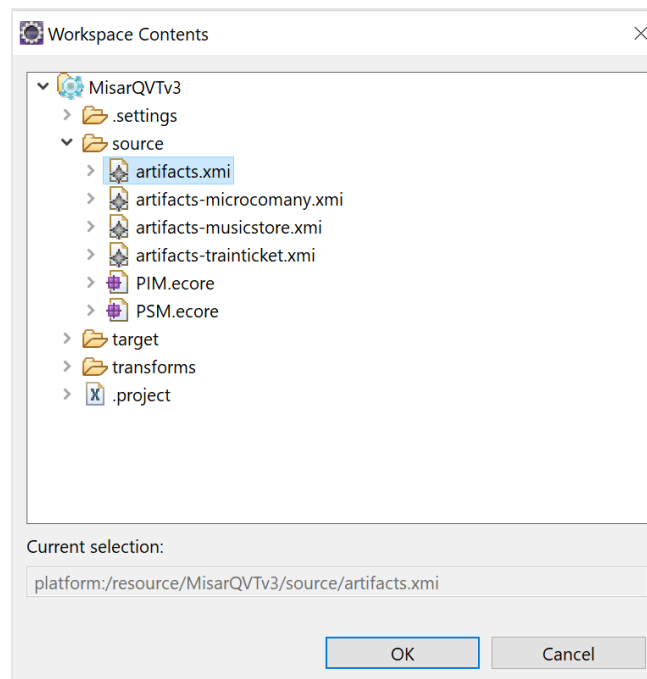
User Guidelines

1. Download the **MiSARQVTv3.zip** found at <https://github.com/MicroServiceArchitectureRecovery/MiSAR-Parser-and-Model-Transformation/tree/main/QVT%20Operational> and unzip it.
2. If not yet installed, install **Eclipse QVT Operational** project in **Eclipse IDE** by following the guidelines in [Eclipse QVT Operational - installation.pdf](#)
3. If not yet configured, configure **QVT Settings** in **MiSARQVTv3** project by following the guidelines in [Eclipse QVT Operational - configuration.pdf](#)
4. Now you can create a **PSM instance**. Please follow the guidelines in [MiSAR Parser - manual.pdf](#) to create a PSM instance from an existing microservice project. This PSM instance will be necessary to be used to create the PIM architecture.
5. Right click **./transforms/MisarTransformation3.qvto** file then **Run File -> Run Configurations...**

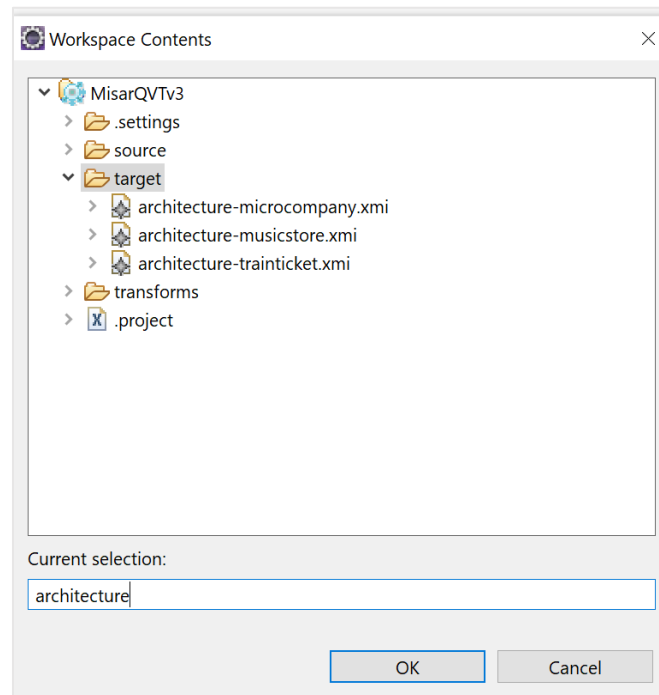




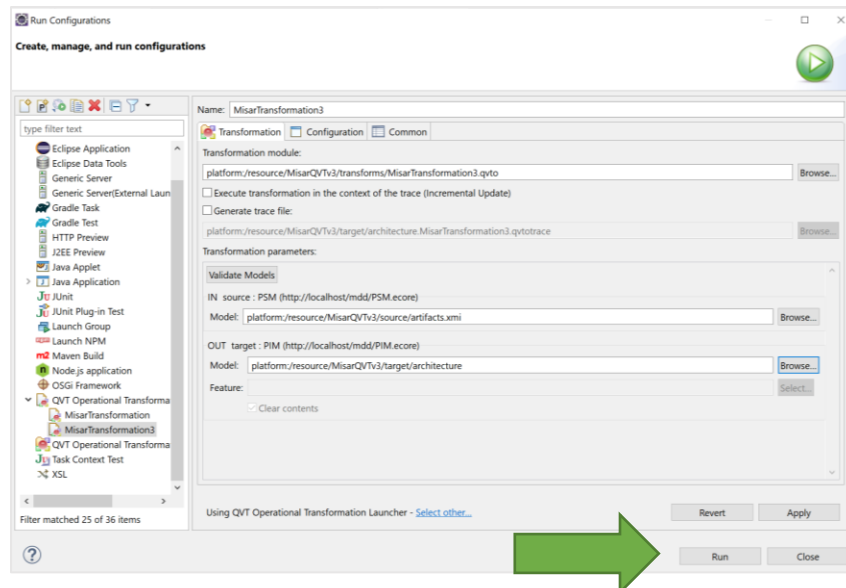
- At **IN source - PSM** field, browse the PSM instance file to be transformed (e.g. **artifacts.xml**) then click on **OK**



7. At **OUT target - PIM** field, browse to the folder where to save the output PIM instance file (e.g. **./target/**) and type in the file name (e.g. **architecture.xmi**) then click on **OK**



8. Click **Run**



9. To open the PIM instance file in tree-view, right click the **architecture.xmi** file then **Open With -> Sample Reflective Ecore Model Editor**

