



# QVT Operational 1.0 Mini-deck

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## What is QVT Operational?

- Model to Model transformation language
- QVT Operational component aims to provide a complete implementation of OMG standard specification  
(MOF) 2.0 Query/View/Transformation
- This release implements a significant part of the OMG specification, enabling the users to write concise and effective model to model transformations.
- *QVT-Operational-SyntaxExecutable* conformance point of the specification is supported



## QVT Features

- ✓ Ecore based meta-models
- ✓ Both dynamic and generated meta-models supported
- ✓ Transformation, libraries and modeltypes
- ✓ Mapping operation + mapping reuse facilities
- ✓ Helpers and queries
- ✓ Contextual and configuration properties
- ✓ Complete resolve expression family, including deferred resolution
- ✓ Inline instantiation
- ✓ Imperative iterators (including shorthands)
- ✓ Assertion, log expression
- ✓ While loop, switch expression
- ✓ QVT Standard Library

# Tooling Features



- Project Builder and Nature
- QVT Source Code Editor
  - Syntax highlighting and coloring
  - Hyperlinks – go to definition or navigate to meta-model browser
  - Problem annotations and hovers
  - Structure folding
  - Outline view
  - Completion Templates
- Code completion
  - A rich set of meta-model and QVT element completion proposals
- Meta-model browser view
- QVT interpreter – runtime execution
- Launch configuration