

# Advanced utility functions

Use [com.nomagic.uml2.ext.jmi.helpers.ModelHelper](#) for various advanced UML model related functions.

It provides utility methods for

- Some core functions
  - working with element's documentation (Comments)
  - getting/setting Relationships client and supplier ends
  - working with Associations - getting member ends, changing navigability
  - working with multiplicity of MultiplicityElements
  - ownership related functions - looking for valid owners, checking ownership and etc.
- Working with Value Specifications
  - Creating value specifications
  - Setting value to Value specifications
- Working with Classifiers
  - collecting derived classifiers, checking legal inheritance
  - collecting inherited members
  - working with redefined elements
  - checking Classifiers compatibility
  - working with Operation parameters, comparing Operations signatures
- Working with InstanceSpecifications
  - creating Slots, initializing slots values
  - working with Links

Use [com.nomagic.uml2.ext.jmi.helpers.InformationFlowHelper](#) for advanced Information Flows related functions

Use [com.nomagic.uml2.ext.jmi.helpers.InteractionHelper](#) for Interaction domain related advanced functions

Use [com.nomagic.uml2.ext.jmi.helpers.StateMachineHelper](#) for State Machine related advanced functions

Use [com.nomagic.uml2.ext.jmi.helpers.UseCaseHelper](#) for Use Case related advanced functions

Use [com.nomagic.magicdraw.uml.ConnectorsCollector](#) to collect connected Connector elements