

# Creating new relationship objects

A model element is a relationship, if it implements one of the following interfaces:

- [com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Relationship](#),
- [com.nomagic.uml2.ext.magicdraw.activities.mdbasicactivities.ActivityEdge](#),
- [com.nomagic.uml2.ext.magicdraw.statemachines.mdbehaviorstatemachines.Transition](#),
- [com.nomagic.uml2.ext.magicdraw.activities.mdextrastructuredactivities.ExceptionHandler](#),
- [com.nomagic.uml2.ext.magicdraw.compositestructures.mdinternalstructures.Connector](#).

For checking if the model element is a relationship, call the [com.nomagic.uml2.ext.jmi.helpers.CoreHelper.isRelationship\(Element\)](#) method.

For getting supplier and client elements of a relationship, use [CoreHelper](#) class [getSupplierElement\(Element\)](#), [getClientElement\(Element\)](#) methods.

Use [CoreHelper](#) class [setSupplierElement\(Element, Element\)](#) , [setClientElement\(Element, Element\)](#) methods to set supplier and client elements of a relationship.

To create a new Relationship

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1. Create a new relationship model element.
  2. Set client and supplier model elements by using [CoreHelper](#) class [setSupplierElement\(Element, Element\)](#), [setClientElement\(Element, Element\)](#) methods.
  3. Add a new relationship into some parent by using the [com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element.setOwner\(Element\)](#) method.

## Related pages

- [Session management](#)
- [Checking element editing permissions](#)