

Recursive properties

A recursive property is defined as a binary class "*com.nomagic.magicdraw.derivedproperty.RecursiveExpression()*" with parameters *<property-name>* and *<recursive-property-name>*.

Specify the expression in the following form - *com.nomagic.magicdraw.derivedproperty.RecursiveExpression(<property-name>, <recursive-property-name>* (e.g. *com.nomagic.magicdraw.derivedproperty.RecursiveExpression(Classifier.specificClassifier, Classifier.allSpecificClassifiers)*)

Recursive properties enable you to collect and represent:

- All elements directly or indirectly related to a specific element through the generalization relationships.



Refer to the derived property customization expression, available at "UML Standard Profile::MagicDraw Profile::Traceability customization::Properties descriptors::Other::All Specific Classifiers::allSpecificClassifiers".

- All elements directly or indirectly related to a specific element through the abstraction and other types of relations.



Refer to the derived property customization expression, available at "UML Standard Profile::MagicDraw Profile::Traceability customization::Properties descriptors::Realization::Element All Realizing Elements::allRealizingElements".

Related Pages

- [Extending Metamodel with Derived Properties](#)
- [Using Customization Data](#)
- [Creating Customization Data](#)