

# Profiling tool

You can use \$profiling to access meta-model information.

## **\$profiling.getGeneralizationName(modelName)**

Return a generalization model of modelName.

	Name	Type	Description
Parameter(s)	modelName	java.lang.String	A meta-model name.
Return	-	java.util.Collection<String>	A list of generalization model names.

## **\$profiling.getDeclaringElementName (modelName, propertyName)**

Retrieve the meta-model name which is the declared property name.

	Name	Type	Description
Parameter(s)	modelName	java.lang.String	A meta-model name.
	propertyName	java.lang.String	A property name.
Return	-	java.lang.String	A meta-model name.

## **\$profiling.getPropertyTypeName (modelName, propertyName)**

Retrieve property types from meta-model names.

	Name	Type	Description
Parameter(s)	modelName	java.lang.String	A meta-model name.
	propertyName	java.lang.String	A property name.
Return	-	java.lang.String	A property type name.

## **\$profiling.getPropertyTypeName (element, propertyName)**

Retrieve property types from an element.

	Name	Type	Description
Parameter(s)	element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element.
	propertyName	java.lang.String	A property name.
Return	-	java.lang.String	A property type name.

## **\$profiling.getElementProperties(modelName)**

Retrieve a collection of element property names from meta-model names.

	Name	Type	Description
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Parameter(s)	modelName	java.lang.String	A meta-model name.
Return	-	java.util.Collection<String>	A collection of element property names.

### **\$profiling.getElementProperties(element)**

Retrieve a collection of element property names from elements.

	Name	Type	Description
Parameter(s)	element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element.
Return	-	java.util.Collection<String>	A collection of element property names.

### **\$profiling.getElementProperty(element, propertyName)**

Retrieve property values of specified elements and property names.

	Name	Type	Description
Parameter(s)	element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element.
	propertyName	java.lang.String	A property name.
Return	-	java.lang.Object	A property object.

### **\$profiling.getHumanPropertyName(element, propertyName)**

Return text representing a property name.

	Name	Type	Description
Parameter(s)	propertyName	java.lang.String	A property name.
	element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element.
Return	-	java.lang.String	Text representing a property name.