

Utility class

The utility class helps to retrieve information from model elements. Use these commands to get particular information:

```
$oracleHelper.hasStereotype($element, $stereotypeName)
```

Returns *true* if a given element has an applied given stereotype.

	Name	Type	Description
Parameters	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element to check.
	\$stereotypeName	java.lang.String	A stereotype name to be checked.
Return	-	boolean	<i>true</i> if elements have an applied stereotype with a given name.

```
$oracleHelper.getBooleanValueFromDefaultProfile($element, $stereotypeName, $propertyName)
```

From the given element, stereotype name, and tag name returns a tag value as *Boolean* from the Oracle profile.

	Name	Type	Description
Parameters	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element to check.
	\$stereotypeName	java.lang.String	A stereotype name (from the default profile) that should be applied.
	\$propertyName	java.lang.String	A property name which value will be retrieved.
Return	-	boolean	A boolean value of property (tag).

```
$oracleHelper.getPropertiesListFromDefaultProfile($element, $stereotypeName, $propertyName)
```

Returns a list of given property values, that exist on the given element with the applied stereotype from the Oracle profile.

	Name	Type	Description
Parameters	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element to be tested.
	\$stereotypeName	java.lang.String	A stereotype name which should be applied.
	\$propertyName	java.lang.String	A property (tag) name to get values from.
Return	-	java.util.List	A list of property values.

```
$oracleHelper.getFirstPropertyValueFromProfile($element,  
$stereotypeName, $propertyName)
```

Returns the first given tag property value from the given element, which has the applied given stereotype.

	Name	Type	Description
Parameters	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element to be tested.
	\$stereotypeName	java.lang.String	A stereotype name that should be applied to the element.
	\$propertyName	java.lang.String	A property name where to check for values.
Return	-	java.lang.String	The first property value in a string representation.

```
$oracleHelper.getDefaultValueAsBoolean($property)
```

From the given property returns the default value as boolean.

	Name	Type	Description
Parameter	\$property	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Property	A boolean property to be checked for the default value.
Return	-	boolean	The default boolean value of a property (tag).

```
$oracleHelper.getFirstPropertyValueFromGivenProfile($element,  
$profileName, $stereotypeName, $propertyName)
```

Returns first given tag property value from given element, which has applied given stereotype from profile.

	Name	Type	Description
Parameters	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element to be tested.
	\$profileName	java.lang.String	A profile name where the stereotype exists.
	\$stereotypeName	java.lang.String	A stereotype name.
	\$propertyName	java.lang.String	A property (tag) name, which value will be checked.
Return	-	java.lang.String	The first value in a property list in <i>String</i> .

```
$oracleHelper.getPropertiesListFromProfile($element, $profileName,  
$stereotypeName, $propertyName)
```

Returns a list of given property values, that exist on a given element with an applied stereotype from the given profile.

	Name	Type	Description
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Parameters	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element to be tested.
	\$profileName	java.lang.String	A profile name where the stereotype exists.
	\$stereotypeName	java.lang.String	A stereotype name.
	\$propertyName	java.lang.String	A property (tag) name, which value will be checked.
Return	-	java.lang.List	A list of property values.

```
$oracleHelper.getStringValue($object)
```

From the given tag value returns the *String* representation.

	Name	Type	Description
Parameter	\$object	java.lang.Object	An object to be tested.
Return	-	java.lang.String	A string representation of the object.

```
$oracleHelper.isDataType($element)
```

Returns *true* if element is data type.

	Name	Type	Description
Parameter	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element to be tested.
Return	-	boolean	<i>true</i> if the element is the datatype.

```
$oracleHelper.getType($type, $modifier)
```

From the given type and modifier returns its description.

	Name	Type	Description
Parameters	\$type	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Type	A type of an element.
	\$modifier	java.lang.String	A modifier of the type.
Return	-	java.lang.String	A type definition for Oracle DDL.

```
$oracleHelper.getTypeModifier($element)
```

Returns the Type modifier for the given element.

	Name	Type	Description
Parameters	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element to be tested.
Return	-	java.lang.String	The Type modifier description.

`$oracleHelper.getParameters($operation)`

Returns the list of operation parameters.

	Name	Type	Description
Parameter	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Operation	An operation to be tested.
Return	-	java.util.List	A list of operation parameters.

`$oracleHelper.getColumnConstraint($column)`

Returns the given property constraint.

	Name	Type	Description
Parameter	\$column	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Property	A column to check for the constraint.
Return	-	java.util.List	A constraint definition.

`$oracleHelper.getCreate($element)`

Returns the CREATE statement for the given element.

	Name	Type	Description
Parameter	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element to be tested.
Return	-	Java.lang.String	A description - CREATE or CREATE OR REPLACE.

`$oracleHelper.getReturnParameter($operation, $createIfNeeded)`

Returns the Return type parameter of a given Operation.

	Name	Type	Description
Parameters	\$operation	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.BehavioralFeature	An operation to check.
	\$createIfNeeded	boolean	A flag to create a return parameter if it does not exist.
Return	-	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Parameter	Return the parameter of a given Operation.

`$oracleHelper.getIndexNameDefinition($index)`

Returns a name of a given index.

	Name	Type	Description
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Parameter	<code>\$index</code>	<code>com.nomagic.uml2.ext.magicdraw.classes.mdkernel.BehavioralFeature</code>	BehavioralFeature as an Oracle index to be checked for a name.
Return	-	<code>java.lang.String</code>	A name of an index.

```
$oracleHelper.getTableConstraintDefinition($dependency)
```

From the given dependency, returns a table constraint definition.

	Name	Type	Description
Parameter	<code>\$dependency</code>	<code>com.nomagic.uml2.ext.magicdraw.classes.ddependencies.Dependency</code>	A dependency to be tested.
Return	-	<code>java.lang.String</code>	A definition of the table constraint.

```
$oracleHelper.isObjectPackage($element)
```

Checks if a given element is a package.

	Name	Type	Description
Parameter	<code>\$element</code>	<code>com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element</code>	An element to be tested.
Return	-	<code>boolean</code>	<i>true</i> if the element is a package.

```
$oracleHelper.isPackageDatabase($package)
```

Returns *true*, if a given package is a database.

	Name	Type	Description
Parameter	<code>\$package</code>	<code>com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Package</code>	A package to be tested.
Return	-	<code>boolean</code>	<i>true</i> if a package is a database.

```
$oracleHelper.isPublic($element)
```

Returns *true*, if a given element has the public visibility.

	Name	Type	Description
Parameter	<code>\$element</code>	<code>com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element</code>	An element to be tested.
Return	-	<code>boolean</code>	<i>true</i> if an element has the public visibility.

```
$oracleHelper.reverseList($list)
```

Reverses a given list.

	Name	Type	Description
Parameter	<code>\$list</code>	<code>java.util.List</code>	A list to be reversed.

Return	-	Java.util.List	A reversed list.
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`$oracleHelper.getRefName($element)`

Returns a reference name description for the element with the "Ref:Element" tag.

	Name	Type	Description
Parameter	\$element	com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Element	An element to be tested.
Return	-	java.lang.String	A reference element name.