Case 11. Server Project Version in Diagram

To retrieve the Server Project Version in a Diagram

- 1. Right-click the empty space on the diagram pane and open the Specification window.
- 2. On the left side of the dialog, select **Traceability > Create**. **Expression** dialog opens.
- 3. Select Create operation > Script.



- 4. Specify the Name for the derived property.
- 5. Set the Type as String.
- 6. Specify the Operation Name.
- 7. From the Language drop-down list, select JavaScript Rhino.
- 8. Insert the following script as the **Body**.

JavaScript Rhino

```
var prj = com.nomagic.magicdraw.core.Application.getInstance().getProject().getPrimaryProject();
var ver = com.nomagic.magicdraw.core.ProjectUtilities.getVersion(prj);
ver.getName();
```

	t and specify operations fied, derived property wi	for calculating/gathering derived pro I contain results of all of these oper	pperty values. If several op itions.	perations are
Name:	Server Project Version	Type: 🕑 Strin	ıg	 Single Value
Expres	sion			
	pression Simple Navigation	Script 📵	Edit	Use as Remove
	ь Metachain Navigation , Find ¶ Implied Relation	Operation Name: Server Project	Version	
	Server Project Version Create operation	Language:		
		JavaScript Rhino		~
		Body:		
		Server Project Version(arg1)		
		1 var prj = com.nomagic	magicdraw.core.App	lication.getInstance
		<pre>2 var ver = com.nomagic 3 ver getName():</pre>	magicdraw.core.Pro	jectUtilities.getVer:
		<		>
				Language instruction
		Listeners Configuration:		Lanquage instructi

To display the Server Project Version in a Diagram

- Create the Note symbol in the diagram and anchor it to the diagram.
 Right-click the Note symbol and deselect Represent Diagram Context (Package).
 (Optional) Right-click the Note symbol and deselect Apply SysML Callout Style.
 Right-click the Note symbol and select Edit Compartments.
 In the Element Properties tab of the Compartment Edit dialog, select the name of the property you created.

X Compartment Edit X	🗴 🕺 Compartment Edit 🛛 🗙
Show or hide elements in compartments Show or hide elements in the selected compartment.	Show or hide elements in compartments Show or hide elements in the selected compartment.
Element Properties Constraints Tagged Values	Element Properties Constraints Tagged Values
Hidden: Selected:	Hidden: Selected:
Realizing Element	Realizing Element
Refines	Refines
Satisfies	Satisfies
Server Project Version <	Specifying Element <
Specifying Element	Supplier Dependency
Supplier Dependency >>	Sync Element >>
Sync Element	Tagged Value
Tagged Value <<	To Do <<
To Do 🗸	Traced From
OK Cancel Help	OK Cancel Help



Sample model

The model used in these examples is the Case Studies for Querying the Model sample model. To open this model, you need to download case studies for querying the model.mdzip.