Spreadsheet Report Designer diagram

On this page

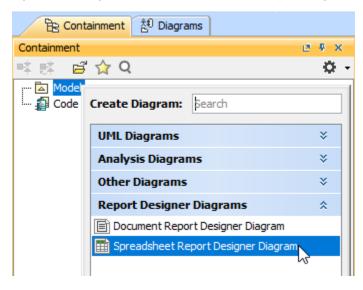
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Using the Spreadsheet Report Designer diagram

In this section, you will learn how to create the Spreadsheet Report Designer diagram and generate it to an XLSX template that you can add in Report Wizard for generating reports later.

To create the Spreadsheet Report Designer diagram and generate it to an XLSX template

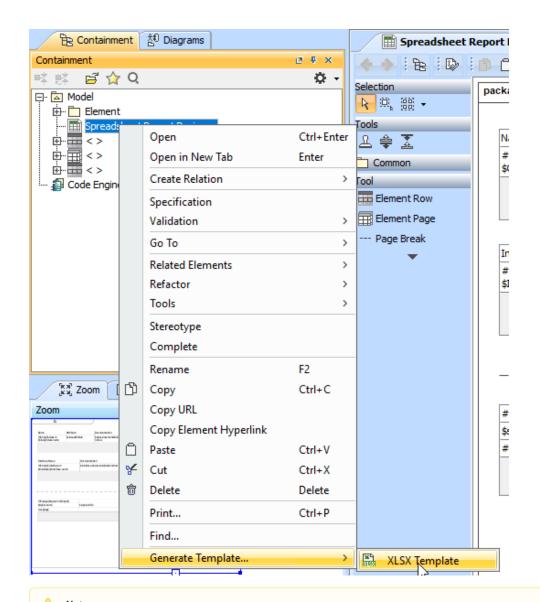
1. Right-click a Package in the Containment tree and select Report Designer Diagrams > Spreadsheet Report Designer Diagram.



- 2. Create diagram elements in the working area of the diagram and specify values.
- 3. Arrange diagram elements as needed.

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Selection	package Model[📑 Spre	adsheet Report	t Designer]	J	
Tools					
요 속 🛣	Name	Attribute		Document	tation
	#forrow(\$class in \$Class)\$class.name	#forrow(\$class in \$class.attribu \$Class)\$class.name		\$class.doc ndrow	cumentation#e
Tool Element Row Element Page				1	
Page Break	Interface Name	Documentation			
•	#forrow(\$interface in \$Interface)\$interface.name		\$interface.documentation#endrow		
	#forpage(\$signal in \$Si \$signal.name #endpage				

4. In the Containment tree, right-click Spreadsheet Report Designer Diagram and select Generate Template > XLSX Template to generate the template.



Generated templates get only symbols on the diagram. Elements in the Containment tree are not used to generate templates.

- 5. Refine more layouts, style, and code logic in Microsoft Word.
- 6. Add the complete template to Report Wizard.
- 7. Generate the report from the added template.

A	l ▼ : × ✓ ƒx Name		
	Α	В	С
1	Name	Attribute	Documentation
2	#forrow(\$class in \$Class)\$class.name	\$class.attribute	\$class.documentation#endrow
3	Interface Name	Documentation	
4	#forrow(\$interface in \$Interface)\$interface.name	\$interface.documentation#endrow	

Diagram elements

The Spreadsheet Report Designer diagram provides many diagram elements represented in Velocity syntax/directive.

Element Row

An Element Row is represented as the **#forrow** directive for fetching a collection of elements in rows. After creating the Element Row in the diagram, you need to specify an element type as well as column number and row number in the **Element Row** wizard dialog. You can also create the header and border for the table.

Select element type a	and define table dimension
	at you want to print in a table. Moreover, you can define ering row and column number. You can make header and
Column number:	
Column number:	3 ਦ
Row number:	1 🛓
Element type:	Class
	✓ Header
	🖂 Border
	< Back Next > Finish Cancel

when you are back to update the element type, column number, or row number in Step 1, the table in Step 2 will be recreated with the blank content.

In Step 2 of the **Element Row** wizard dialog, the blank table is created where you can directly enter and edit text and Velocity code in the table cell. You can also press **CTRL + SPACE** to open the Property Guide pop-up dialog. Press **CTRL + SPACE** again to navigate you to Report Data Variables and Helper Tools. In this dialog, it guides you to available properties that you can select for the cell.

⊡Name		Attribute		Docum	entation		AP A	
#forrow(\$c \$Class)\$cla	🔀 Element	Row					×	
-3	You can er	ole information nter or update te you can open s	- ext directly			or helper tool	in each cell.	
	Name		Attribute			Document	ation	
	#forrow(\$cl	ass in \$Class)	\$class.attri	ibute		\$class.doo	cumentation#e	
				Γ	Class Pro	operties		
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					ba	aseClassifier	hờ n	
			< Back		cl	ass		
L					cl	assName		~

The Property Guide pop-up dialog.

You can insert or delete columns and rows by right-clicking a cell to open the context menu.

Name		Attribute		Documentation		• 📌		
#forrow(\$c \$Class)\$cla	🔀 Element	t Row					×	
-[]]	You can e	ble information nter or update te , you can open s	ext directly	r in the cell. erties, variable or l	helper too	ol in each (cell.	
	Name #forrow(\$cl	ass in \$Class)	Attribute \$class.att	ribute	Documer \$class.do	ntation ocumentat	ion#e	
						Delete	row above row below column column bef	ore
-			< Back	Next >	Finis		column afte	er

The context menu for inserting and deleting rows and columns.

Updating an Element Row

After creating an Element Row, you can open the Element Row wizard dialog again for updating the Element Row table through the smart manipulator button or the Element Row editing context menu.

Element Page

An Element Page is represented as the #forpage directive for fetching a collection of elements in a table per worksheet. This element uses the Element Row wizard dialog. Only in Step 2, the #forpage directive will be created over the blank table.

#forpage(\$signal in \$Signal)		
Name	To Do	
\$signal.name	\$signal.toDo	
#endpage		

The Element Page.

Page Break

You can place the Page Break element on the diagram to be in the template to start a new worksheet.

The Page Break.

Report DesignerDocument Report Designer diagram