## Plotting on the web user interface

You can display the **Time Series** and **Timeline** charts along with the standard UI modeling diagram on the web user interface. You are required to generate the respective HTML files before generating the charts.

To generate HTML, do one of the following

• Right-click Time Series or Timeline chart element and in the shortcut menu, click Generate HTML.

	 plot «TimeSeriesChart» -v-a plot «TimeSeriesChart»	요 솔	«SimulationConfig» 🛠				
	Create Element	Ctrl+Shift+E	Run Analysis x-v-a				
	Create Diagram	Ctrl+Shift+D	«SimulationConfig»				
	Create Relation	>	autoStart = true				
 	Specification Validation	>	clock ratio = "200" executionTarget = Imotion Analysis fireValueChangeEvent = false silent = true				
	Element Group	>					
🗄	Select in Structure Tree Go To	>	«TimeSeriesChart» x-v-a plot				
	Open in New Tree		«SelectPropertiesConfig»				
	Related Elements	>	value =				
۲ <u> </u>	Refactor	>					
	Tools	>	Hierarchy Diagram Wizard				
	Stereotype		Implement/Override Operations				
3	Rename	F2	Create Instance				
ß	Сору	Ctrl+C	Generate HTML				
	Copy URL		Generic Table Wizard				

• In the diagram toolbar, click Generate HTML.

2	Calcula	tor	9	Calcula	tor	đ	con	fio	ē	Calc	ulat	tor	x
٠	1 68		di -	10	Û	Û	略	-	Å.	• •	Ŧ	2	Ľ
			initia and a state of the state	Genera	ite H	TML							

Once you click Generate HTML, the '<HTML file(s) name> is/are generated to <project name> folder' message will appear on the Simulation Console pane

	the Start Web Server property is set to	o true, HTML chart files are automatically generated.
To	«SimulationConfig» Calculator «SimulationConfig» UI = addControlPanel = true autoStart = true executionTarget = Calculator silent = false startWebServer = true	Simulation Configuration. to <i>true</i> to start the Web Server and close the dialog.

Specification of Simulation Configuration Calculator							
Web Server         The Web Server contains a list of specific Web Server properties.							
🗉 Be 🖸 🖉	Web Server Properties						
Calculator     Mavigation/Hyperlinks     Disage In     Instances     Web Server Properties     Traceability     Diming Properties     Advanced Properties	Image: Big Start Web Server         Add Control Panel	☑ true ☑ true					
Cosage in Diagrams     Documentation/Commer     Attributes	Close	Back Forward Help					

- 3. Run the simulation.4. Click the URL that appears in the Console pane when the model simulation is running. Select Web Browser to open the web UI.

»- Console ×	
A (1) oʻ	Ø -
Web server has started! Click <u>http://PUN-VDIW-RAE6:8080/</u> or <u>http://10.94.0.67:808</u> 00:00:00,000 : **** Class <u>Calculator</u> is initialized. **** 00:00:00,001 : **** Class Calculator <u>behavior</u> is started! ****	V to open web UI Embedded Browser Web Browser
>>	(default) 🗸 🗸

The charts in the web and embedded browsers are the same. If the values in the simulation UI change, the corresponding chart is updated accordingly. Th e layout of the charts is auto-aligned with the chart properties of the runtime UI.



The Time series on the Web UI representing the values that correspond to those of the charts in the simulation UI.



The Timeline on the Web UI representing the values that correspond to those of the charts in the simulation UI.

## Related pages

- UI modeling diagram simulation
  Time Series Chart
  Timeline chart