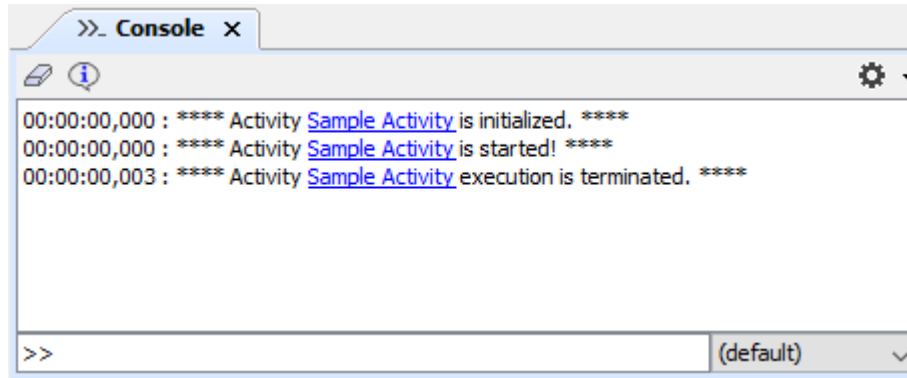


# Console pane

Cameo Simulation Toolkit provides the **Simulation Console** pane in the **Simulation** window. The **Console** pane displays simulation information during a model simulation including the date and time the simulation engine starts and the date and time the simulation runs and stops.



Runtime information of Cameo Simulation Toolkit.

The **Console** pane may contain a hyperlink to a model element in a MagicDraw project. During a model simulation, scripts evaluation failures may happen and thus expression evaluation errors occur. If Cameo Simulation Toolkit cannot evaluate some scripts in an element, it will create a hyperlink in the **Console** pane to that element in the Containment tree. When you click the link, Cameo Simulation Toolkit will highlight the element in the Containment tree.

The following figure shows a hyperlink resulting from errors in evaluating scripts in the **Console** pane. The link points to the corresponding element in the Containment tree.




The screenshot displays the Cameo Simulation Toolkit interface. The top-left pane shows the **Containment** tree with a tree view of the model. The **sum** element is highlighted with a red circle. The **Properties** pane below it shows the properties of the selected element. The top-right pane shows the **Activity Diagram** with a flow from **c = a-b** to **result = x + y;** to **: print**. The bottom pane shows the **Console** with a log of simulation events. A red arrow points from the **sum** element in the Containment tree to the **Opaque Action sum:** error message in the Console. A red box highlights the error message, and a red text box explains that clicking the hyperlink will take you to the element whose scripts cannot be evaluated.

00:00:00,000 : \*\*\*\* Activity **Test** is initialized. \*\*\*\*  
 00:00:00,000 : \*\*\*\* Activity **Test** is started. \*\*\*\*  
 00:00:01,844 ERROR: Cannot evaluate **Opaque Action sum:**  
 ReferenceError: "a" is not defined in <eval> at line number 2  
 expression body: println("-----");  
 println(a+b);  
 println("-----");  
 00:00:01,848 : \*\*\*\* Activity **Test** execution is terminated. \*\*\*\*

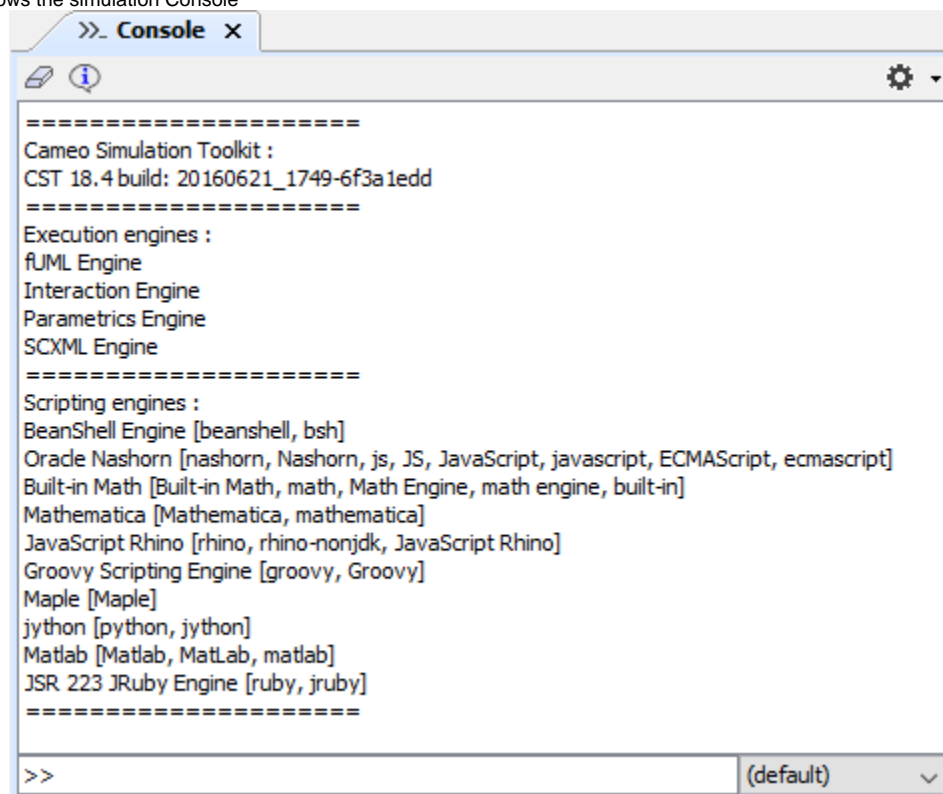
Clicking the hyperlink in the console tab will take you to the element whose scripts cannot be evaluated in the containment tree

A hyperlink to the Element whose scripts cannot be simulated.

The table below shows the function of each button in the **Console** pane

Button	Name	Function
	Clear Console	To remove all simulation information displayed in the <b>Console</b> pane.
	Show Runtime Information	To display the runtime information of the Cameo Simulation Toolkit in the <b>Console</b> pane.  The runtime information consists of the Cameo Simulation Toolkit version, registered simulation engines, and available scripting engines.
	Options	To filter outputs in the <b>Console</b> pane. There are four filter options: Debug, Info, Warn, and Error (See <a href="#">Console Log's Filter Options</a> for more details.).

The following figure shows the simulation Console



The Simulation console.

#### Related page

- [Console log's filter options](#)