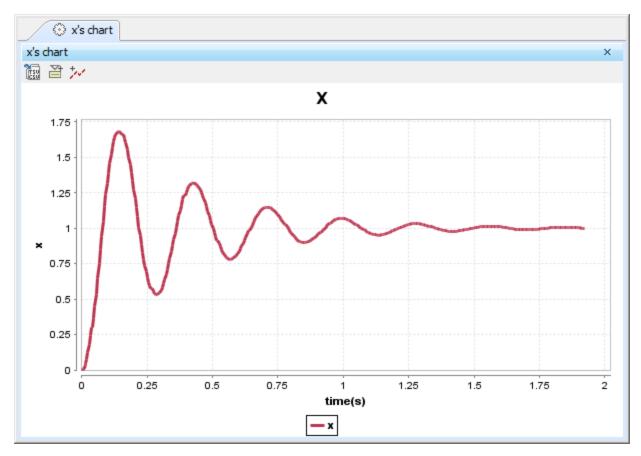
## The Time series chart

Cameo Simulation Toolkit allows you to show the plot between runtime values, which are the numerical value and simulation time. This plot is called Time series chart. To view this chart during a model simulation, right-click the row of a runtime value in the **Variables** pane and select **Show in time series** chart.

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IN Section 2 Construction 1 Cons			eakpoints 🗙	
		-		ø
Name	Value			
	motion	notion Analysis : Motion Analysis@24e8aa8		
… 🔽 a : Accleration-m/s2	483.234	483.2346		
… V t:Time-ms	10.000	10.0000		
t0 : Time-ms	5.0000	5.0000		
… V : Velocity-m/s	3.6538	3.6538		
… V v0 : Velocity-m/s	1.2376			
X : Distance-meter	0.0245		Expand Recursively	
	0.0062			
System : System	motion		Add Value	
E: c: x(t) {x=1-(exp(-c*sqrt(k/m)*t*0.001)*((sin) c: v(t) {v=(x-x0)/(dt*0.001)}	( x(t)@58 v(t)@28		Remove Value	
	a(t)@1		Export Value To	>
	dt@440		Save To Default Value(s)	
	are no		Show in Timeline Chart	>
			Show in Time Series Chart	N
			Go To	~~ >
		88	Select in Containment Tree	Alt+B
			Edit	

The context menu showing the runtime value in the Time series chart.

The Time series chart shows the runtime value with respect to simulation time shown as follows



The Time series chart of runtime value of Property x.

## Related page

• Time series chart