

About Variable Array Charts

The Variable Array Chart shows data that is collected and calculated during each test cycle and stored in arrays. This point-by-point data calculation typically occurs as part of a Parallel Path test flow control. This chart is used in several ways, as a runtime display activity, as an analysis tool in the Fracture Analyzer application, and as an image in reports in the Reporter application.

A Variable Array Chart plots the entire variable array. The data is unitless and is not cyclic or time based.

The Y Axis of the chart must be an array variable. The X axis can be an array variable or the index of the Y-Axis array.

You can add multiple traces to the Y axis and the X axis. You can add multiple Y axes. When the chart has multiple traces, a legend on the chart identifies the individual traces.

You can create new numeric variables when you define additional traces. Click the **<new variable>** variable list item to show the New Numeric Variable window.

You can include Variable Array Charts in reports. Use the keyword `$image_variablearray_$.`