
Subject: automatic placement of legend in 2-D graph
Posted by [Jean-Paul Davis](#) on Mon, 21 Jan 2008 20:26:11 GMT
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I use a legend object in a separate model object to show a legend on a 2-D graph consisting of up to six plot objects. Currently I set the position of this legend once and leave it there. Of course, changes to the data or zoom scale can cause one or more of the plot object curves to run right through the legend.

Does anyone have ideas for an easy way to automatically determine the "best" placement of a legend? Using information on the axes ranges, legend object boundaries, and plot data themselves, I might be able to do some fancy calculations involving areas in a plane, probably limiting myself to a set number of standard positions and picking the least offensive. But this could be easier if there were a way to determine the intersections of various objects in a particular view. I'm interested in ideas related to either approach.

Jean-Paul
