

Javascript examples

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1 XY plot using flot library

This shows how to make a plot of a $\sin(x)$ function. The library used is <http://www.flotcharts.org/>
Click on [ex1.htm](#) to see the output. The source code is

```

<html lang="en">
<head>
<title>
  Simple Javascript example 1
</title>
  <meta charset="UTF-8">
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
    <title>Flot Examples: Basic Options</title>
    <script language="javascript" type="text/javascript" src="/scripts/flot/jquery.js"></script>
    <script language="javascript" type="text/javascript" src="/scripts/flot/jquery.flot.js"></script>
    <script type="text/javascript">

      $(function() {
var options = {
  series: {
    lines: { show: true, fill: false, lineWidth:1},
    points: { show: false },
    color:"rgb(0, 0, 0)"
  }
};

      var data = [];
      for (var i = -2*Math.PI; i < 2*Math.PI; i += Math.PI/10) {
        data.push([i, Math.sin(i)]);
      }
      $.plot("#plot", [data], options);
      $("#footer").prepend("Flot " + $.plot.version + " &ndash; ");
    });

  </script>
</head>
<body>
Example showing how to plot a sin function using flot library.

  <div id="plot" style="width:400px;height:300px"></div>

</body>
</html>

```