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# JqPlotPlugin

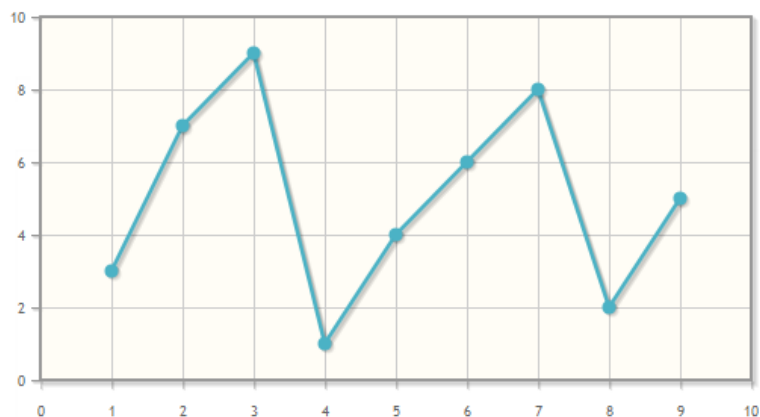
Add line, bar and pie charts to TWiki topics using jqPlot JavaScript library

## Usage

```
%JQPLOT{"canvasTextRenderer, canvasAxisLabelRenderer"}%  
<div id='chart1' style='height:280px; width: 500px;'></div>  
<script>  
$.jqplot ('chart1', [[3,7,9,1,4,6,8,2,5]]);  
</script>
```

**Resulting chart (if plugin is installed and enabled):**

**Simulated (screenshot):**



More examples are found in the official jqPlot website [↗](#).

## Description

jqPlot [↗](#) is a "pure javascript plotting" library, and this TWiki plugin bundles the package with easy setup using %JQPLOT% tag.

Since jqPlot depends on the jQuery JavaScript library, JQueryPlugin must be installed for JqPlotPlugin to work.

When a %JQPLOT% tag is present, the necessary JavaScript and CSS references are added to the <head> of the page. The %JQPLOT% tag itself is expanded into an empty string. Even if the tag happens to be used multiple times, the required references are added only once.

In order to use jqPlot plugins (for bar charts, pie charts, axis labels, etc.), the plugin names should be added to the %JQPLOT% tag.

```
%JQPLOT{"barRenderer, pieRenderer, categoryAxisRenderer"}%  
or  
%JQPLOT{"barRenderer"}%  
%JQPLOT{"pieRenderer"}%  
%JQPLOT{"categoryAxisRenderer"}%
```

The above will add the <script> tags to the <head> as below:

```
<script type="text/javascript" src="../../../plugins/jqplot.barRenderer.min.js"></script>
```

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```
<script type="text/javascript" src="../../../plugins/jqplot.pieRenderer.min.js"></script>
<script type="text/javascript" src="../../../plugins/jqplot.categoryAxisRenderer.min.js"></script>
```

All the common references such as `jquery.jqplot.min.js` (which would be added by the empty `%JQPLOT%`) are also added automatically.

## Installation Instructions

**Note:** You do not need to install anything on the browser to use this plugin. The following instructions are for the administrator who installs the plugin on the TWiki server.

- For an **automated installation**, run the configure script and follow "Find More Extensions" in the in the **Extensions** section.
  - ◆ See the installation supplement [on TWiki.org](#) for more information.

- Or, follow these **manual installation** steps:

- ◆ Download the ZIP file from the Plugins home (see below).
- ◆ Unzip **JqPlotPlugin.zip** in your twiki installation directory. Content:

File:	Description:
<code>data/TWiki/JqPlotPlugin.txt</code>	Plugin topic
<code>data/TWiki/VarJQPLOT.txt</code>	JQPLOT variable documentation topic
<code>lib/TWiki/Plugins/JqPlotPlugin.pm</code>	Plugin Perl module
<code>pub/TWiki/JqPlotPlugin/*.png</code>	Image files
<code>pub/TWiki/JqPlotPlugin/jquery.jqplot.*</code>	jqPlot library package

- ◆ Set the ownership of the extracted directories and files to the webserver user.
  - ◆ Install the dependencies.
- Plugin **configuration and testing**:
    - ◆ Run the configure script and enable the plugin in the **Plugins** section.
    - ◆ Test if the installation was successful using the example above.

## Plugin Info

Many thanks to the following sponsors for supporting this work:

- Morgan Stanley

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Copyright:	© 2012-2013 <a href="#">TWiki:Main.MahiroAndo</a> © 2012-2013 <a href="#">TWiki:TWiki.TWikiContributor</a>
License:	<a href="#">GPL (Gnu General Public License)</a>
Plugin Version:	2013-03-06 <a href="#">jquery.jqplot.1.0.7r1224</a>
Change History:	
2013-03-06:	<a href="#">Fixed Fast CGI/mod_perl unfriendliness, upgraded to jquery.jqplot.1.0.7r1224</a>
2012-11-14:	<a href="#">Initial release with jquery.jqplot.1.0.4r1121</a>
Dependencies:	<a href="#">JQueryPlugin</a>
Plugin Home:	<a href="http://twiki.org/cgi-bin/view/Plugins/JqPlotPlugin">http://twiki.org/cgi-bin/view/Plugins/JqPlotPlugin</a>
Feedback:	<a href="http://twiki.org/cgi-bin/view/Plugins/JqPlotPluginDev">http://twiki.org/cgi-bin/view/Plugins/JqPlotPluginDev</a>
Appraisal:	<a href="http://twiki.org/cgi-bin/view/Plugins/JqPlotPluginAppraisal">http://twiki.org/cgi-bin/view/Plugins/JqPlotPluginAppraisal</a>

**Related Topics:** [VarJQPLOT](#), [TWikiPlugins](#), [DeveloperDocumentationCategory](#), [AdminDocumentationCategory](#), [TWikiPreferences](#)

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This topic: TWiki > JqPlotPlugin

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**Note:** Please contribute updates to this topic on TWiki.org at TWiki:TWiki.JqPlotPlugin