
Subject: Re: [FEATURE REQUEST]Can we support more chart types?

Posted by [Didier](#) on Fri, 18 Oct 2013 18:09:19 GMT

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Hi qsoft,

There is also another graph package which has all the graphing possibilities of ScatterDraw since it uses it's series class.

GraphDraw & GrahCtrl (it is in svn sandbox : <svn://www.ultimatepp.org/upp/sandbox>)

The main difference is that GraphDraw and GraphCtrl are built to be enhanced:

add specific axis management (drawing, scaling, PropertiesDlg...)

add custom data over the plot (exclusion zones for example)

Legend can be moved around and re-sized on the graph

add specific legend (whatever you want)

In general add any sort of 'element' to the graph

It also has some other capacities that ScatterCtrl does not have :

Undo/Redo

native support of any number of axis (with individual/global move/zoom/FitToData)

plot image is cashed ==> the purpose is to avoid redraw when not necessary (if you have several charts with huge data on several tabs for instance you will appreciate this feature

fast draw : works by doing decimation of the data ==> the global shape/distribution of the data is kipped when moving/zooming the plot

This means you can achieve virtually any chart you need

The main drawback are the following:

no documentation yet (I recently started filling up the gap slowly)

Complex code for the moment (this is due to the use of a long inheritance tree that uses CRTP : the aim of this is to postpone some decisions the latter possible and when all is OK ==> kick out what's not needed ... so great simplification)

The following example shows a basic example of exclusion zones

File Attachments

1) [GraphCtrls.png](#), downloaded 831 times
