
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 end GraphCtrl are built to be enhanced:

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

- add custom data over the plot (exlusion zones for example)

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

- add specific legend (whatever you wan't)

- 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've recently started filling up the gap slowly)

- Complex code for the moment (this is du 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 784 times
