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Subject: DataSource

Posted by [koldo](#) on Sat, 18 Feb 2012 20:21:40 GMT

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Hello all

ScatterDraw includes a class called DataSource. It lets to use different data sources until three dimensions like simple C vectors, VectorMaps or ArrayCtrls with the same uniform interface.

It is used in ScatterDraw to use any data source. In addition it can be used for the same purpose to other different classes that need to read numeric data.

Because of it it could be good to be in a separate package. What do you think about it?

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Subject: Re: DataSource

Posted by [BioBytes](#) on Tue, 28 Feb 2012 20:53:05 GMT

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Hi Koldo,

It could be a very interesting feature.

Before reverting to U++ (defintively the best tool for C++ development), I used wxWidgets GUI library for which wxFreeChart library made graph functions available. The possibility of having three-dimensional sources of data is implemented in wxFreeChart but in a less convenient form than U++ Vectors or VectorMaps.

Regards

Biobytes

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Subject: Re: DataSource

Posted by [koldo](#) on Tue, 28 Feb 2012 21:27:13 GMT

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Hello BioBytes

Thank you for your answer.

About other uses of DataSource, for example I use it in a Histogram class that admits 1, 2 and 3 dimensional histograms.

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Subject: Re: DataSource

Posted by [BioBytes](#) on Wed, 29 Feb 2012 10:23:24 GMT

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Hello Koldo,

An histogram class could be very interesting particularly in applications for quality management (statistical aspects) or biochemistry/immunology (my professional field).

If you wish, you can see the wxFreeChart features at the URL below:

<http://wxcode.sourceforge.net/components/freechart/>

Regards

Biobytes

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Subject: Re: DataSource

Posted by [koldo](#) on Wed, 29 Feb 2012 16:47:59 GMT

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Hello BioBytes

ScatterCtrl is very open to new graph designs and integrates very well user defined ones thanks to technology taken from PlotCtrl.

If you need one kind of graph not included in initial list it can be easily added, including almost all wxFreeChart samples included in link.

Histogram class is part of a math class I use and is very related to an image processing class. If you need some of them they may be uploaded.

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