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Subject: Re: [still wondering] ScatterCtrl: program access to the "Measures" ?

Posted by [xrysf03](#) on Tue, 12 Nov 2019 21:58:30 GMT

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Hello Koldo and everybody,

I've moved a little bit further with ScatterCtrl, but it seems like I'm stuck again.  
My code contains the following snippet:

```
Chart1.AddSeries(buffer, buf_size,
/*x0*/ from_freq_rounded, // Hz
/*delta x*/ freq_sample_width // HZ
);
//Chart1.SetMinXmin(from_freq_rounded);
//Chart1.SetMaxXmax(to_freq_rounded);
//Chart1.SetMinYmin(-90);
//Chart1.SetMaxYmax(0);
Chart1.SetLabels("Hz", "dBFS");
Chart1.NoMark(0);
Chart1.Stroke(0,1,Blue());
Chart1.ZoomToFit(true,true,0); // X, Y, fill factor (0 = fill the whole control)
//Chart1.Refresh();
```

This way, it does display a trace, the labels do get modified, and the ZoomToFit works too.  
But, if I remove (comment out) the ZoomToFit, and instead use the  
SetMinXmin/Xmax/Ymin/Ymax, those functions don't seem to work. The range just stays put at  
0..100 at both axes. See the attached screenshot.

I'm wondering if I'm missing some other member method or flag to tweak, to "unpeg" those range  
setting functions. For instance, in the runtime "Properties" tabbed dialog of the ScatterCtrl, there's  
a check mark called "Attach" per axis (one for X, one for Y) - if that's ticked, the min and max input  
boxes are grey (deactivated). But I haven't found any access to those "Attach" check marks from  
my program code... ZoomToFit seems to work regardless of those "Attach" check marks. And if at  
runtime I first remove the "Attach" check marks manually, and then run the piece of code outlined  
above, the minXmin(), maxXmax() et al still do not work...

So this is what it behaves like in the 12610 nightly. I've tried upgrading to 13655, but I'm stuck in  
another problem (problem to include the kissfft plugin - see the thread in newbie corner if  
interested.) So at the moment I cannot test if the upgrade solves my problem with ScatterCtrl  
range setting.

So if at this point there are some suggestions, I'd love to hear them :)

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#### File Attachments

1) [skyline.png](#), downloaded 330 times

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