
Subject: Re: How do I make this graph?

Posted by [koldo](#) on Sun, 05 May 2013 13:57:07 GMT

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Hello Jerson

I imagine the X and Y axis are rather "custom" so I propose you this to have exactly what you want:

This is the code:

```
void MyClass::Init() {
    CtrlLayout(*this);
    HSizePos().VSizePos();

    scatter.SetRange(12, 130);
    scatter.SetXYMin(0, -120);
    scatter.SetMajorUnits(1, 10);
    scatter.ShowLegend(false);
    scatter.SetTitle("Right Ear").SetLabelX("X-Axis").SetLabelY("dB");
    scatter.SetPlotAreaLeftMargin(40).SetPlotAreaBottomMargin(40);

    s1 <<Pointf(4, -30) << Pointf(6, -35) << Pointf(10, -50);
    s2 <<Pointf(4, -55) << Pointf(6, -60) << Pointf(10, -70);

    scatter.AddSeries(s1);
    scatter.AddSeries(s2);

    scatter.cbModifFormatX = THISBACK(FormatX);
    scatter.cbModifFormatY = THISBACK(FormatY);
}

void MyClass::FormatX(String& s, int i, double d) {
    Vector<String> xLegend;
    xLegend << "125" << "250" << "500" << "750" << "1K" << "1.5K" << "2K" << "3K" << "4K" << "6K"
    << "8K" << "10K" << "12K";
    s = xLegend[i];
}

void MyClass::FormatY(String& s, int i, double d) {
    s = FormatDouble(-d, 0);
}
```

Have a nice Sunday!

File Attachments

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

Right Ear

