Subject: Re: IDLgrAxis expanding
Posted by davidf on Wed, 14 Apr 1999 07:00:00 GMT
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I wrote after one too many beers:

> So here is how it is done. (It's a bit convoluted here,
> but it's a solution programmers will love.) I'm showing
> here just the calculations for the dependent data axis,
> but the other axes will be done in the same way:

Alright, I admit it. I was completely wrong. As Mark Hadfield points out, you can use the CRANGE keyword to get the real, autoscaled, range of the axis:

```
thisAxis->GetProperty, CRANGE=realRange
```

But this exercise wasn't completely pointless. I did come up with a true "programmers" solution, and I did learn a couple of things.

1. I learned something I didn't know about object axes and Lord knows I've plenty of room to learn more.

2. I learned that it doesn't matter if you have looked up the GetProperty method on an object 100 times and been told to go to the INIT method 100 times. If you look it up for the 101st time, you may find a keyword you *can't* find in the INIT section of the manual.

And I re-learned that most of the information I want *IS* in the IDL documentation, even if I don't know where to find it. :-)

But I am still confused about one thing: why "C"Range? What does that mean? I can understand "O"(output)Range, or "R"(real)Range, or "A"(autoscaled)Range. But I just don't get "C"Range. And I don't understand why I would be expected to know that to find what I want in the index of the on-line help. What I would prefer would be something like this:

```
Axis
  range
     setting
     obtaining the value of
```

I think even I could have found something like that. :-(

Cheers,

David

P.S. You still have to remember to apply the new axis
data range to the DATA, or your axis won't reflect your
true data values.

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