
Subject: Re: Reversing an axis with IDLgrAxis
Posted by [davidf](#) on Mon, 01 Feb 1999 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Mark Hadfield (m.hadfield@niwa.cri.nz) writes in response to
Peter Connell:

```
>> OK, I give. I would like to plot an axis (object graphics) with values
>> descending rather than ascending in the normal positive direction. I can do
>> this using (XY)COORD_CONV, but when I do, the tick text and axis title are
>> reversed as well (mirror image) and I can't figure out how to reverse them
>> back to read normally.
>
> Plot against the inverse of the variable and get the labels you want via
> the TICKFORMAT property. The TICKFORMAT_NEGATIVE function below
> is designed to do this.
>
> function TICKFORMAT_NEGATIVE, Direction, Index, Value
>
>   return, (format_axis_values(-Value))[0]
>
> end
```

Very nice. But how in the world did you discover the
Format_Axis_Values function!? You're not one of those
people who read through the documentation for fun are
you? :-)

And why would you think a priori that this would work?

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155
