
Subject: Re: Top 10 IDL Requests

Posted by [Martin Schultz](#) on Tue, 18 Jul 2000 07:00:00 GMT

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David Fanning wrote:

>
>
> One of the people I ran into at the picnic was the
> new VP of Software Engineering. After we were introduced
> and it was pointed out that I was, uh, the person who
> wrote "that book about IDL" the VP gave me his e-mail
> and phone extension and encouraged me to submit my
> top 10 IDL requests to him personally.
>
> Wow! You don't get an opportunity like this every day. :-)
>
>
> Cheers,
>
> David

Try to keep it short for there are sooo many wishes (BTW: what does this tell us?)

(1) multithreading
(2) complement keyword to where
(3) end of array syntax (I can't see why A should not be feasible)
(4) working contour routine and map projections (simple example:
IDL> map_set,limit=[-60,-180,60,360]
IDL>
map_continents
should give America twice, I think ...
(4a) ... and more sophisticated map labels, e.g. 60 (degreesymbol) N
instead of
just 60 as an option.
(5) improved color handling for TV and TVRD
(6) adapt a colorbar and a legend procedure (e.g. from the ESRG
library). This is
something basic enough that it should be maintained by RSI - even
though everyone
will be free to use something different
(7) an "IN" operator, e.g. selected = where(species in ['Ozone', 'NOx',
'CO'])
(8) higher level graphic objects, e.g. extending your XPLOT, ****and**** a
contour object
and map support! The high level plot object should allow things
like:
XPlot = obj_new('Xplot',x=x,y=sin(x)) ; generate and show

object

XPlot->Add,x=x2,y=cos(x2) ; add another data set

XPlot-> SetProperty, curve=2, psym=8, line=2 ; modify properties of

second curve

etc.

Since I start dreaming again, I better stop here.

Cheers (from wonderful but cloudy Germnay),

Martin

—

[illegible]

[[Dr. Martin Schultz Max-Planck-Institut fuer Meteorologie]]

[[Bundesstr. 55, 20146 Hamburg]]

[[phone: +49 40 41173-308]]

[[fax: +49 40 41173-298]]

[[martin.schultz@dkrz.de

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