Subject: Re: Matlab to IDL

Posted by Paul Van Delst[1] on Mon, 10 Jul 2006 17:03:43 GMT

View Forum Message <> Reply to Message

## KRDean@gmail.com wrote:

- > One of my colleagues dumped some Matlab code on my desk and gave me a
- > choice, learn MatLab or rewrite it in IDL.

If the dumped code came with an accompanying matlab license, I would vote for learning Matlab.... and along the way of that, rewriting the code in IDL. Having another tool in the toolbox can only help with writing code in IDL.

the toolbox can only help with writing code in IDL.

Of course, my first choice would be to rewrite it in IDL.

Most of the code is straight forward, but how would I write this

MatLab statement in IDL?

# -- MatLab Code

# -- ASSUMES THE YEAR IS THE SAME

months\_differ = month\_beg ~= month\_end

= is the "not equal to" relational operator (NE in IDL).

In IDL:

month\_differ=(month\_beg NE month\_end)

and used thusly:

IDL> month\_beg=2

IDL> month\_beg=2
IDL> month\_end=12
IDL> month\_differ=month\_beg NE month\_end
IDL> if ( month\_differ ) then print, 'they are different'
they are different
IDL>

paulv

Paul van Delst Ride lots.
CIMSS @ NOAA/NCEP/EMC

Ph: (301)763-8000 x7748

Eddy Merckx

Fax:(301)763-8545