
Subject: Re: Matlab to IDL

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

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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.

>
> 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_end=12  
IDL> month_differ=month_beg NE month_end  
IDL> if ( month_differ ) then print, 'they are different'  
they are different  
IDL>
```

paulv

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Paul van Delst Ride lots.

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