Subject: Re: idl array operations
Posted by mmeron on Tue, 28 Feb 2006 23:34:07 GMT
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In article <1141168957.087822.106350@i39g2000cwa.googlegroups.com>,
"alex922@gmail.com" <alex922@gmail.com> writes:
> Hi,
>
> I'm pretty new to IDL and someone told me to avoid loops.
>
> I have the following problem. I have an array of elements whose values
> range from 0 to 360, and I have to subtract a number if the value is
> greater than 180.
>
> My initial reaction is to create a loop and use condition statements to
> perform the calculations.
>
> Is there a 'one liner' array operation which would allow me to do this
> without using loops?
>
> Thanks,
> Alex
>
Taking your array as arr and the nuber to be subtracted as x, the line
would be
 arr = arr - x*(arr gt 180)

Mati Meron | "When you argue with a fool,
meron@cars.uchicago.edu | chances are he is doing just the same"