Subject: Re: Sorting (big) int array: Eliminate for loop
Posted by Luds on Tue, 22 Sep 2009 12:15:55 GMT

On Sep 21, 5:37 pm, greg <greg.a...@googlemail.com> wrote:
> How about this...
>
> pro test
>   a=['I','E','F','D','A','J','C','B','G','H']
>   b=['E','B','I','J','D','A','C','H','F','G']
>
>   qa=sort(a)
>   qb=sort(b)
>   qa2=sort(qa)
>   elements=qb[qa2]
>
>   print,b[elements]
> end
>
> IDL> test
> I E F D A J C B G H
>
> Sortingthe sorted indices is the trick. I think it's right, but it
> makes my head hurt anyway.
>
> regards,
> Greg

Perfect, thanks. This works great. Having to do a couple sorts doesn't
add too much overhead to my code. It's much faster now.

By the looks of it the value_locate function could do the trick too,
but it seems to want one of the arrays sorted anyway, which isn't the
case for me.

Thanks for the advice guys. Very helpful.

A