## Subject: Re: Finding a value in a array efficiently
Posted by JD Smith on Thu, 13 Apr 2006 23:00:45 GMT

On Thu, 13 Apr 2006 13:31:42 -0700, Wayne Landsman wrote:

> I was asked an apparently simple question -- what is the most efficient
> way in IDL  to determine if a particular scalar value is in an array.
>    The loop method is straightforward:
>
> found = 0
> for i=0,n-1 do  begin
>     if array[i] EQ value then begin
>         found = 1
>         goto, DONE
>     endif
> endfor
> DONE:
>
> This  ugly code will end the loop as soon as a match is found.
> A first attempt at vectorized code might be

As an aside, do you avoid using BREAK instead of goto for compatibility
with old IDL versions?


JD