Subject: Re: routine to translate DEC microvax Floating point...
Posted by tam on Thu, 31 May 2001 18:25:40 GMT
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The IDL Astronomy library at
  http://idlastro.jpl.nasa.gov
includes two routines conv_vax_unix and conv_unix_vax
which seem to convert from/to VAX formats.

 Regards,
 Tom McGlynn

Richard French wrote:
>
> Hi, friends -
>   I have some 20-year old data in binary floating point format (DEC
> microvax
> running ULTRIX4.4). Unfortunately, that ancient machine, while still
> running, can
> no longer connect to the internet, so my old subterfuge of converting
> the floating
> point to ascii on the microvax, piping across the network to my Alpha
> machine,
> and then reconverting it to binary no longer works. I do have the binary
> files on
> my new machine, but I don't know how the bits are packed for DEC
> microvax
> floating point format, and my web prowls have not revealed the answer.
>   I'm hoping that some of you may know how to decode floating point
> (and possibly also double precision) from DEC microvax format to IEEE. I
>
> think I recall seeing some IDL utilties to do this once, but I have not
> been able
> to track them down.
>   Thanks very much for any and all leads!
> Dick French
> Astronomy Dept.
> Wellesley College