Subject: Re: converting ieee-float-format to pw-wave-float-format
Posted by grunes on Thu, 25 Aug 1994 19:39:16 GMT
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In article <33ien2$17v@ncar.ucar.edu> caron@acd.ucar.edu (John Caron) writes:
> The nice thing about ieee is that its the same across all machines (is that
> true for its byte order also?).

No. IEEE does not define byte order--at least it is in oposite order
on PCs from the most common useage on most Unix Workstations (Suns,
SGIs,... -- but watch out for Dec Alpha, which someone told me use
backwards (least significant byte first, like the PC) byte order.

The easiest translation method is to read the data on someone's Sun,
print it out formatted, and send it as text!

One thing puzzles me: Most floating point numbers translate between
Suns and PCs simply throught BYTEORDER. But NAN values seem to
behave differently. Does anyone know why?
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