Subject: Re: floats from strings... duh!
Posted by thompson on Fri, 26 May 1995 07:00:00 GMT
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afl@cdc.noaa.gov (Andy Loughe) writes:

> In article <3q4tku$iqu@dux.dundee.ac.uk>, pjclinch@dux.dundee.ac.uk (Pete
> Clinch) writes:
> |>
> |> I'm sure I'm missing something obvious... want to do the equivalent of a
> |> C sscanf or atof on a string I've got in a PV~Wave program that has a
> |> floating point number in string form.
> |>
> |> Rather than write my own function to convert "1.234" to 1.234, is there a
> |> way in the system to do it easily?
> |>
> |> Thanks.
> |>
> |> Pete.
> |> --
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> Again, I may be missing the boat here, but is this what you want?

> IDL> a = '1.234'
> IDL> b = float(a)
> IDL> help, b
> B FLOAT = 1.23400

In IDL, there's also a routine called READS, which works like READ or READF, except that the input is a string instead of the keyboard or a file. Thus, one could do things like

READS, '1.23 4.56 7.89', X, Y, Z

and can even use FORMAT statements. I don't know if this also exists in PV-Wave or not.

Bill Thompson