Subject: Re: extract numbers from string
Posted by Benjamin Hornberger on Tue, 21 Jun 2005 22:20:52 GMT
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Tobi wrote:

i have a data file with a header that has several lines, which i read
with
readf,1,firstline
readf,1,secondline
....
firstline is a string that looks like
xpixels = 1024
i am trying to convert this to a variable called nx which has the value
1024.
is there a clean and easy way to do this?

According to the IDL docs, quoted strings can be used only on output, not on input, so you can't just use a format code. It looks like you have to cut off "xpixels = " with strmid() and then use fix() or long() to convert "1024" to a number.

If you explicitly want to make sure the "xpixels = " part is present, you could use regular expressions, and with them extract the number (again as a string, then convert to a number).

Benjamin

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