
Subject: Re: Problems to use variables in a keyword-expression

Posted by [J.D. Smith](#) on Tue, 09 Feb 1999 08:00:00 GMT

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Ospite1 wrote:

>
> Hello,
>
> at the moment I have problems to find the right syntax for using
> variables in a
> keyword expression.
>
> My problem looks like this:
>
> the user should give an identification number (num) for example
> 141098222.2 . With
> the FINDFILE command, which has integrated the count-keyword, I want to
> find the amount of all files in my directory ' paz' which begin with
> this number , they are named 141098222.21 , 141098222.22 etc.
>
> The expression has to be something like this :
>
> anzfile = FINDFILE [string(num*),format='(i12)' , count=anz]
>
> Unfortunalely this is command doesn't work.
>
> Please help me !
>
> Ruth

Try

```
anzfile=findfile(string(format='(I0,"*")',num),count=anz)
```

but only if num is an integer. If you really want num to be decimal, your user must pass it in as a string, unless you just happen to know you **always** want only one digit past the decimal, in which case you can use a floating format. This is more error prone and dangerous, however.

Good Luck,

JD

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Subject: Re: Problems to use variables in a keyword-expression

Posted by [rmlongfield](#) on Wed, 10 Feb 1999 08:00:00 GMT

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In article <79osii\$m8j\$1@ultra.csi.unimi.it>,
Ospite1 <"ospite1"@a5.itba.mi.cnr.it> wrote: (some words removed)

> The expression has to be something like this :
>
> anzfile = FINDFILE [string(num*),format='(i12)' , count=anz]
>
> Unfortunalely this is command doesn't work.
>
> Please help me !
>
> Ruth
>

Hi Ruth,

It looks like you have a simple typing mistake. The star in string(num*) should not be there. I think that STRING is treating the star as a character and not as a wildcard. Try

```
anzfile = FINDFILE(string(num)+'*',count=anz)
```

As an example, I have some program code which looks like this:

```
; Define prefixes and suffixes of desired data files
yydddhmm = '962320734'
star = '*' ; wildcard
data_end = '.pif.Z'

filename_array=FINDFILE(yydddhmm+star+data_end,COUNT=number_of_files);
```

Hope this helps.

Rose

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