
Subject: Re: type conversion error - help needed urgent
Posted by [David Fanning](#) on Sun, 26 May 2013 18:31:50 GMT
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sid writes:

> jplm10(34)

IDL> varstr = 'jplm' + StrTrim(v,2) + '(' + StrTrim(dpi[0],2) + ')'

> I need to use this value for further calculations but this is taken as a string and the variable couldnt be used.

Humm. Kind of a strange way to write a program, but maybe you know what you are doing. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: type conversion error - help needed urgent
Posted by [gunvicsin11](#) on Mon, 27 May 2013 04:50:45 GMT
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On Monday, May 27, 2013 12:01:50 AM UTC+5:30, David Fanning wrote:

> sid writes:

>

>

>

>> jplm10(34)

>

>

>

> IDL> varstr = 'jplm' + StrTrim(v,2) + '(' + StrTrim(dpi[0],2) + ')'

>

>

>

>> I need to use this value for further calculations but this is taken as a string and the variable couldnt be used.

>

>

>

> Humm. Kind of a strange way to write a program, but maybe you know what
>
> you are doing. :-)
>
>
>
> Cheers,
>
>
>
> David
>
> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Hello sir,

But still the problem is not solved since varstr is equal to jplm10(34) which is a string , so I am not getting value of jplm10(34)

Actually,

```
IDL> help,jplm10(34)
<Expression>  FLOAT  =  6502.00
```

But this varstr

```
IDL> help,varstr
VARSTR        STRING  = 'jplm10(34)'
```

But from this I am getting jplm10(34) but it is a string so If take it as a variable then this type conversion error comes.

Please help me in this regard

thanking you

sid

Subject: Re: type conversion error - help needed urgent
Posted by on Mon, 27 May 2013 08:02:32 GMT
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Måndagen den 27:e maj 2013 kl. 06:50:45 UTC+2 skrev sid:

>

> But still the problem is not solved since varstr is equal to jplm10(34) which is a string , so I am not getting value of jplm10(34)

Your program might be faster and easier to read if you had a 2D array, so instead of jplmN(M), you could use jplm(N,M). But if you want to continue with the idea of constructing the variable name as a string, I think you want the execute command:

```
IDL> a=findgen(10)
IDL> void=execute('c=a(8)')
IDL> print,c
      8.00000
```

Or in your case,

```
IDL> void='whatever=varstr'
```

<http://www.exelisvis.com/docs/EXECUTE.html>

Subject: Re: type conversion error - help needed urgent
Posted by on Mon, 27 May 2013 08:05:02 GMT
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Den måndagen den 27:e maj 2013 kl. 10:02:32 UTC+2 skrev Mats Löfdahl:

```
>
> Or in your case,
>
> IDL> void='whatever=varstr'
```

No, that was someone else's case. In YOUR case, it would be

```
IDL> void='whatever='+varstr
```

Subject: Re: type conversion error - help needed urgent
Posted by [gunvicsin11](#) on Mon, 27 May 2013 08:36:37 GMT
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On Monday, May 27, 2013 1:35:02 PM UTC+5:30, Mats Löfdahl wrote:

```
> Den måndagen den 27:e maj 2013 kl. 10:02:32 UTC+2 skrev Mats Löfdahl:
>
>>
>
>> Or in your case,
>
>>
>
```

```
>> IDL> void='whatever=varstr'
>
>
>
> No, that was someone else's case. In YOUR case, it would be
>
>
>
> IDL> void='whatever='+varstr
```

Thank you very much sir. I was struggling for so much time. It works fantastically.
Thanking you a lot
sid

Subject: Re: type conversion error - help needed urgent
Posted by on Mon, 27 May 2013 08:42:41 GMT
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Den måndagen den 27:e maj 2013 kl. 10:36:37 UTC+2 skrev sid:
> On Monday, May 27, 2013 1:35:02 PM UTC+5:30, Mats Löfdahl wrote:
>
>> Den måndagen den 27:e maj 2013 kl. 10:02:32 UTC+2 skrev Mats Löfdahl:
>
>>> Or in your case,
>
>>> IDL> void='whatever=varstr'
>
>> No, that was someone else's case. In YOUR case, it would be
>
>> IDL> void='whatever='+varstr
>
> Thank you very much sir. I was struggling for so much time. It works fantastically.
>
> Thanking you a lot

It's great that you got what I meant, in spite of my failure to make the final line come out right. For reference, what I meant to write was:

```
IDL> void=execute('whatever='+varstr)
```

I'll probably correct this again in a couple of minutes...

Subject: Re: type conversion error - help needed urgent
Posted by [Lajos Foldy](#) on Mon, 27 May 2013 09:28:48 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Monday, May 27, 2013 10:42:41 AM UTC+2, Mats Löfdahl wrote:

```
> IDL> void=execute('whatever='+varstr)
>
> I'll probably correct this again in a couple of minutes...
```

```
(SCOPE_VARFETCH('whatever', /ENTER))=SCOPE_VARFETCH(varstr)
```

regards,
Lajos

Subject: Re: type conversion error - help needed urgent
Posted by [Craig Markwardt](#) on Mon, 27 May 2013 21:17:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Monday, May 27, 2013 5:28:48 AM UTC-4, fawltyl...@gmail.com wrote:

```
> On Monday, May 27, 2013 10:42:41 AM UTC+2, Mats Löfdahl wrote:
>> IDL> void=execute('whatever='+varstr)
>>
>> I'll probably correct this again in a couple of minutes...
>
> (SCOPE_VARFETCH('whatever', /ENTER))=SCOPE_VARFETCH(varstr)
```

This is like giving gasoline and a match to a boyscout learning to build a fire.

Subject: Re: type conversion error - help needed urgent
Posted by [David Fanning](#) on Mon, 27 May 2013 21:33:10 GMT
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Craig Markwardt writes:

```
> This is like giving gasoline and a match to a boyscout learning to build a fire.
```

My thought, exactly! :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Sepore ma de ni thue. ("Perhaps thou speakest truth.")
