
Subject: problem

Posted by [taejon](#) on Tue, 31 Oct 2006 16:34:21 GMT

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I have a problem of running this program (I am newbie in IDL...:

When I run this prog (compiles OK) it should when I press the 'dismis'-button remove the value in the textfield named 'a0'. But I get always the error:

"pointer type required in this context"

can somebody give some help ?

regards

taejon

```
.*****
,
pro efgcalc1_event, event
    widget_control, event.id, Get_Value = buttonValue
print, buttonvalue
case buttonValue of
    'QuitSofort'      : widget_control, event.top, /destroy
    'OPTIONS'         : efgcalc1_options_events, event
    'Load Binaryfile' : LoadBinFile_events, event
    'Dismis'          : dismisdata_event, event

    'Apply'           : Applydataevent, event
endcase
print, *pstate.ccaid
end
.*****
,
pro applydata_event, event

    print, 'Data applied'
end
.*****
,

pro LoadBinFile_events, event
; Hier kann User die von EVOX bereitgestellte Datei auswaehlen !
inputfile = DIALOG_PICKFILE(/READ, FILTER="*.bin")

; Falls keine Datei ausgewaehlt wurde...
if (inputfile eq "") then begin $
    widget_control, event.top, SET_UVALUE=sState, /No_Copy
    RETURN
```

```

endif
widget_control, (*pstate).VoxelzahlId, get_value = VoxelzahlId
print, "Voxelzahl", (*pstate).voxelzahlId
end
,*****
,

pro efgcalc1
; Hauptprogramm, hier wird die graphische Oberfläche gebastelt
; Zuerst das Menue oben (File und Options), durch Menu=1 wird 'File' zu
; einem pulldown-menue
; Mit Menu = 1 wird Button zu Pulldownmenu

  BaselId      = widget_base(/row, title=' EFG-Berechnung',
mbar=menubaselId)
  FileId       = widget_button(menubaselId, Value = 'File', Menu =
1)
  OptionsId    = widget_button(menubaselId, Value = 'Options', Menu
= 1)
  Q_Id        = widget_button(menubaselId, Value = 'Quit', Menu=1)

; Hier unter dem 'File_Button', Event_pro gibt den Eventhandler an
  BinaryfileId = widget_button(fileId, Value = 'Load
Binaryfile', Event_Pro=efgcalc1_LoadBinFile_events)
  AsciifileId  = widget_button(fileId, Value = 'Load
Asciifile')
  CoreBinfileId = widget_button(fileId, Value = 'Load Binary
Corefile')
  CoreAsciifileId = widget_button(fileId, Value = 'Load Ascii
Corefile')

; Hier unter 'Quit-Button'
  QuitId       = widget_button(Q_Id, Value = 'QuitSofort')

; Hier unter dem 'Optionsbutton'
  MultiselectId = widget_button(optionsId, Value = 'Multiselect')
  ComputeEFGId  = widget_button(optionsId, Value = 'Compute the
EFG')
  DrawEFGId     = widget_button(optionsId, Value = 'Draw the EFG')

  SubbaselId    = widget_base(baselId, /col)

; Die Gruppe zum auswaehlen von 'settings' und 'tools'
; wTabelId      = CW_BGROUP(subbaselId, ['Settings', 'Tools'])

; Das Feld mit dem Titel 'Voxelzahl' (CW_Field ist fertiges Widget in
IDL), sowie Kristalldaten
  VoxelzahlId   = CW_Field(SubbaselId, Title = 'Voxelzahl', Value =
100, xsize =5, /Integer)

```

```

    KristalllabelId = widget_label(subbaselId, Value='Kristallsystem')
    ccald           = CW_Field(SubbaselId, Title = 'a0', value =
4.8195, xsize=5, /float)
    ccblId         = CW_Field(SubbaselId, Title = 'b0', value =
10.480, xsize=5, /float)
    ccclId         = CW_Field(SubbaselId, Title = 'c0', value =
6.0902, xsize=5, /float)
    ccalphald      = CW_Field(SubbaselId, Title = 'alpha', value =
90.0, xsize=5, /float)
    ccbetalId     = CW_Field(SubbaselId, Title = 'beta', value =
90.0, xsize=5, /float)
    ccgammald      = CW_Field(SubbaselId, Title = 'gamma', value =
90.0, xsize=5, /float)

; Buttons zum Aufnehmen von Voxelzahl und Kristalldaten
    dismisId       = widget_button(subbaselId, Value = 'Dismis',
uvalue='udismis', Event_Pro=canceldata_event, xsize=30, ysize=30)
    applyId        = widget_button(subbaselId, Value = 'Apply',
xsize=30, ysize=30)

; Hier das Bild wo die Elektronendichte erscheinen soll
    DrawbaselId    = widget_base(baselId, /col)
    printId        = widget_base(drawbaselId, /col)
    DrawId         = widget_draw(printId, xsize=500, ysize=400)

; Hier die Schieberegler fuer das Rendern sowie Texteingabe der
d-Elektronenfile
    renderbaselId  = widget_base(printId, /row)
    RenderId       = widget_slider(renderbaselId, Title='render',
minimum=0, maximum=200)
    rendertext     = widget_text(renderbaselId, /editable, ysize=2)
    renderrefresh  = widget_button(renderbaselId, Value='Refresh')

; Hier dasselbe fuer das kugelsymmetrische Fc-File
    rendercorebaselId = widget_base(printId, /row)
    RenderCore     = widget_slider(rendercorebaselId, value='render
Core data', minimum=0, maximum=200)
    rendercoretext  = widget_text(rendercorebaselId, /editable, ysize=2)
    rendcorerefreshId = widget_button(rendercorebaselId,
Value='rendercorerefresh')

    widget_control, baselId, /realize
    widget_control, drawId, get_value=winvis

; Hier werden die Infos fuer IDL bereitgestellt. Konzept Siehe Fanning
S. 154
state = {winvis : winvis, voxelzahlId : voxelzahlID, ccaid : ccald}

```

```

pstate = ptr_new(state)

; Xmanager gibt den Eventhandler an, und welches das Hauptprogramm ist
xmanager, 'efgcalc1', baseId, Event_Handler = 'efgcalc1_event'
,no_block

end
..*****
',

pro dismissdata_event, event
    print, 'Data canceled'
widget_control, event.id, get_uvalue=uval
print, uval

;if ptr_valid((*pstate).ccald) then (*pstate).ccald =
ptr_new(/allocate_heap)

(*pstate).ccald = 0
case uval of
    'udismis' : widget_control, (*pstate).ccald, set_value='0'
endcase
end
..*****
',

```

Subject: Re: problem
 Posted by [David Fanning](#) on Fri, 30 Oct 2009 12:04:31 GMT
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bing999 writes:

> Hi

This is, without a doubt, the worst problem description
 I've ever read! :-(

Cheers,

David

--

David Fanning, Ph.D.
 Fanning Software Consulting, Inc.
 Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
 Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Problem
Posted by [Andy Sayer](#) on Wed, 13 Jun 2012 13:51:58 GMT
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I'd check that your variable 'curve' is defined and an array. The error message suggests it is not.

Hope this helps,

Andy

On Wednesday, June 13, 2012 3:59:53 AM UTC-4, hadi wrote:

> Dear friend
> I have another problem. i tried to running this command as follow as;
> plot, time,curve, position=[0.1,0.55,0.95,0.95]
> but I recieved this error.
> % PLOT: Expression must be an array in this context: CURVE.
> % Error occurred at: \$MAIN\$
> % Execution halted at: \$MAIN\$
> What is meaning? please help me. Thank you
> Best, Hadi

Subject: Re: Problem
Posted by [hadi](#) on Thu, 14 Jun 2012 09:05:19 GMT
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On Wednesday, June 13, 2012 10:51:58 PM UTC+9, Andy Sayer wrote:

> I'd check that your variable 'curve' is defined and an array. The error message suggests it is not.
>
> Hope this helps,
>
> Andy
>
> On Wednesday, June 13, 2012 3:59:53 AM UTC-4, hadi wrote:
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>> What is meaning? please help me. Thank you
>> Best, Hadi

Dear Andy
for example i wrote the curve in the command line i found this message.
curve

% Attempt to call undefined procedure/function: 'CURVE'.

% Error occurred at: \$MAIN\$

% Execution halted at: \$MAIN\$

I can not understand the meaning of this expression. Could you help me about this. Thank you
Best, Hadi

Subject: Re: Problem

Posted by [Andy Sayer](#) on Thu, 14 Jun 2012 14:17:00 GMT

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That error means that the code thinks that 'curve' is a function, not a variable. Check it is defined as a variable, e.g. curve=[0,1,2,3,4,5] or similar, and check how you are referring to it in your code (i.e. that you're not calling it like a procedure/function).

On Thursday, June 14, 2012 5:05:19 AM UTC-4, fada...@gmail.com wrote:

> On Wednesday, June 13, 2012 10:51:58 PM UTC+9, Andy Sayer wrote:

>> I'd check that your variable 'curve' is defined and an array. The error message suggests it is not.

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>> Hope this helps,

>>

>> Andy

>>

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> Best, Hadi

Subject: Re: Problem

Posted by [penteado](#) on Thu, 14 Jun 2012 16:32:15 GMT

On Jun 14, 6:05 am, fadaei...@gmail.com wrote:

```
> for example i wrote the curve in the command line i found this message.  
> curve  
> % Attempt to call undefined procedure/function: 'CURVE'.  
> % Error occurred at: $MAIN$  
> % Execution halted at: $MAIN$  
> I can not understand the meaning of this experection. Could you help me about this. Thank you  
> Best, Hadi
```

IDL is not Python. It only executes statements (ex: "something=something_else"), procedures (ex: "some_procedure,some_argument"), or commands (ex: ".continue"). If you just type in the command line a variable name, it will assume you are calling a procedure with that name. If you want to know about a variable, you need to use some command. For instance:

```
print,some_variable  
help,some_variable  
print,n_elements(some_variable)  
print,size(some_variable)
```

etc.

Subject: Re: Problem

Posted by [hadi](#) on Fri, 15 Jun 2012 01:27:07 GMT

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On Friday, June 15, 2012 1:32:15 AM UTC+9, Paulo Penteado wrote:

```
> On Jun 14, 6:05 am, fadaei...@gmail.com wrote:  
>> for example i wrote the curve in the command line i found this message.  
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```

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> help,some_variable
> print,n_elements(some_variable)
> print,size(some_variable)
>
> etc.
```

Dear

How i can define a variable in the IDL for example define CURVE. I will be appreciate to helping me. Thank you

Best, Hadi

Subject: Re: Problem

Posted by [Andy Sayer](#) on Fri, 15 Jun 2012 18:32:34 GMT

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Some examples would be:

```
curve = [0,1,2,3,4]
curve = 3*findgen(10)^2.0
curve = sin(findgen(100)*!pi/180.)
```

(or whatever values your curve wants to take)

On Thursday, June 14, 2012 9:27:07 PM UTC-4, fada...@gmail.com wrote:

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>> On Jun 14, 6:05 am, fadaei...@gmail.com wrote:

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Subject: Re: Problem
Posted by [hadi](#) on Mon, 18 Jun 2012 00:48:44 GMT
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On Saturday, June 16, 2012 3:32:34 AM UTC+9, Andy Sayer wrote:

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>
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>>

>> Dear
>> How i can define a variable in the IDL for example define CURVE. I will be appreciate to helping me. Thank you
>> Best, Hadi

Dear Andy
Thank you for your guidance.
Hadi

Subject: Re: problem
Posted by [Vincent Sarago](#) on Thu, 19 Jul 2012 13:59:25 GMT
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On Wednesday, July 18, 2012 10:39:16 PM UTC-4, dave poreh wrote:
> folks
> hi,
> when i open idl, it copy's 2 folders in my desktop (metadata, default). How could i fix this, I do not like it!!!
> Cheers,
> Dave

hi Dave,

Are you using idlde ?
Those directories are created when you first launch a new workbench (from idlde).
The .metadata can't be removed because it contain's all the preferences of the used workbench.

For the "Default" normally if you erase it from the IDE it won't appear after.

if you are not using idlde you may launch idlde just to erase the "Default" dir.

Vincent
