
Subject: Re: read input from a widget
Posted by [R.Bauer](#) on Thu, 12 Jul 2001 09:30:02 GMT
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Dominik Paul wrote:

>
> Hi there,
>
> we would like read a string from the user. But this is not possible in the
> runtime version (its possible under unix, ok, but unfortunately nopt under
> windows.
>
> So we are searching for a widget component to enter some text.
>
> Does somebody know such a component?
>
> Thanks
>
> Dominik

Did you thought about using environment variables
or read from a file in a defined directory ?

regards
Reimar

--
Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-1)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
<http://www.fz-juelich.de/icg/icg1/>

=====

a IDL library at Forschungszentrum Juelich
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>
=====

read something about linux / windows
<http://www.suse.de/de/news/hotnews/MS.html>

Subject: Re: read input from a widget
Posted by [m.hadfield](#) on Thu, 12 Jul 2001 21:41:20 GMT

From: "Dominik Paul" <dpaul@ukl.uni-freiburg.de>
> we would like read a string from the user. But this is not possible in the
> runtime version (its possible under unix, ok, but unfortunately not under
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WIDGET_TEXT.

Do you know how to wrap a text widget in a routine/object to pass the information you want back to the caller? If not I suggest you read a good book on IDL programming...

<http://www.dfanning.com/documents/books.html>

If you want a quick & dirty solution you could use XDISPLAYFILE with a temporary file.

Mark Hadfield
m.hadfield@niwa.cri.nz <http://katipo.niwa.cri.nz/~hadfield>
National Institute for Water and Atmospheric Research

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Posted from clam.niwa.cri.nz [202.36.29.1]
via Mailgate.ORG Server - <http://www.Mailgate.ORG>

Subject: Re: read input from a widget
Posted by [Michael Asten](#) on Fri, 13 Jul 2001 05:02:01 GMT
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It is a sadly lacking feature of IDL that such a tool is not included in the IDL system.

Of course a good programmer can write his/her own, but as I have pointed out to RSI on many occasions, there are some simple i/o routines which we should not have to write, and this is one of them.

XVAREEDIT is nearest to what you want in a system-supplied routine, but the version in idl 5.x is horrible, as it uses the unloved TableWidget.

Try the following

```
idl> a=' ' & xvaredit,a & print,a
```

In order to enter your text you have to double click on the box, type text, then press enter
to accept the text, then press Accept button. Like I say, horrible.[end of rant!]

The version of XVAREEDIT from idl 4.x is vastly more friendly. I routinely pass a set of numbers and text to xvaredit in a structure, edit them as required in the nice system-supplied widget which appears with zero extra programming, then extract the modified parameters from the structure. If you dont have idl v.4 but want to try it, I might email you the xvaredit v4 code if rsi is not listening.

Regards,
Michael Asten

Mark Hadfield wrote:

```
> From: "Dominik Paul" <dpaul@ukl.uni-freiburg.de>
>> we would like read a string from the user. But this is not possible in the
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> If you want a quick & dirty solution you could use XDISPLAYFILE with a
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>
> ---
> Mark Hadfield
> m.hadfield@niwa.cri.nz http://katipo.niwa.cri.nz/~hadfield
> National Institute for Water and Atmospheric Research
>
> --
> Posted from clam.niwa.cri.nz [202.36.29.1]
```

> via Mailgate.ORG Server - <http://www.Mailgate.ORG>

Subject: Re: read input from a widget
Posted by [Kristine Hensel](#) on Fri, 13 Jul 2001 08:28:03 GMT
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Dominik Paul wrote:

> So we are searching for a widget component to enter some text.

>

> Does somebody know such a component?

For quick and dirty text input, I use XTEXTIN, which is a JHUAPL library routine:

<ftp://fermi.jhuapl.edu/pub/idl/routines/xtxtin.pro>

Kristine

--

Kristine Hensel

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20 Council St.

Hawthorn East, VIC 3123 Australia e-mail: kristine@esands.com

Subject: Re: read input from a widget
Posted by [Herb Mullens](#) on Fri, 13 Jul 2001 11:36:52 GMT
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I like to use the CW_FIELD function that was supplied with IDL.

Herb

Subject: Re: Re: read input from a widget
Posted by [m.hadfield](#) on Sun, 15 Jul 2001 23:12:51 GMT
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From: "Dominik Paul" <dpaul@ukl.uni-freiburg.de>

> we would like read a string from the user. But this is not possible in the
> runtime version (its possible under unix, ok, but unfortunately not under
> windows.

>

> So we are searching for a widget component to enter some text.

I have written a simple text-entry widget application based on my MGH_GUI_Base class. You can get it, along with the rest of my public IDL library at

<http://katipo.niwa.cri.nz/~hadfield/gust/software/idl/>

The text-entry class itself is called MGH_GUI_SetText. Here is code that you would use to create an MGH_GUI_SetText object in blocking mode and get data from it when it exits:

```
odlg = obj_new('MGH_GUI_SetText', /BLOCK)

odlg->Manage

odlg->GetProperty, STATUS=status, VALUE=value

case status of
  0: print, 'Cancelled'
  1: begin
      print, 'Widget returned', value
    end
endcase
```

Mark Hadfield
m.hadfield@niwa.cri.nz <http://katipo.niwa.cri.nz/~hadfield>
National Institute for Water and Atmospheric Research

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Posted from clam.niwa.cri.nz [202.36.29.1]
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