
Subject: 6.1 vs. previous: runtime changes working directory

Posted by [Vince Hradil](#) on Thu, 24 Mar 2005 22:44:54 GMT

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I typically deploy programs by creating a .sav file then using a shell-script to run: `idl -rt=/usr/local/idlsavs/whatever.sav`

In the main program in the sav file, I check to see if the user started idl from within our "data" directory hierarchy, something like:

```
cd, current=cwd
if strpos(cwd,datadirpath) ge 0 then fpath=cwd else fpath=datadirpath
```

Then I can use this info for my `dialog_pickfile`:

```
fname = dialog_pickfile(path=fpath)
```

And the user doesn't have to navigate through multiple layers of subdirectories, just to get to where he started.

In previous versions of idl (oh, say 5.4 - 6.0?) this worked fine. I've just now recompiled in 6.1 and despite starting the program from within the `datadirpath` hierarchy, the "`cd, current=cwd`" sets `cwd` to be the directory where the sav file is ("`/usr/local/idlsavs`" in the example above)

So, what's my question?

1. Is there a `cd` flag for idl that will set a working directory - if I were using Windoze, perhaps I could set "Start in:", but, alas I'm using Solaris.
2. Is this a feature? If so, why?

TIA

Subject: Re: 6.1 vs. previous: runtime changes working directory

Posted by [R.Bauer](#) on Fri, 25 Mar 2005 16:55:59 GMT

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hradilv wrote:

- > I typically deploy programs by creating a .sav file then using a
- > shell-script to run: `idl -rt=/usr/local/idlsavs/whatever.sav`
- >
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> within the datadirpath hierarchy, the "cd, current=cwd" sets cwd to be
> the directory where the sav file is ("/usr/local/idlsavs" in the
> example above)
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> So, what's my question?
> 1. Is there a cl flag for idl that will set a working directory - if I
> were using Windoze, perhaps I could set "Start in:", but, alas I'm
> using Solaris.
> 2. Is this a feature? If so, why?
>
> TIA

A simple workaround could be to set a link of the idl sav program to the data dir.

cheers
Reimar

--
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
<http://www.fz-juelich.de/icg/icg-i/>

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

Subject: Re: 6.1 vs. previous: runtime changes working directory
Posted by [Vince Hradil](#) on Fri, 25 Mar 2005 23:15:15 GMT
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Yes, of course, but as tried to indicate I'm not always sure where the user is going to be in the data directory hierarchy. Mike's workaround works. Now I just have to reprogram myself to remember to

export/getenv the cwd in my wrapper script.

Subject: Re: 6.1 vs. previous: runtime changes working directory

Posted by [Michael Wallace](#) on Sat, 26 Mar 2005 00:08:34 GMT

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```
> It's not necessary to make an additional export
>
> pro testme
> print,getenv('PWD')
> end
>
```

But according to the original poster, this solution did not work.

Cheers,
Mike
