


```
script = 'tell application "Finder"'
script = [script, ' make new folder at item "' + path + '"']
script = [script, ' select result']
script = [script, ' set name of selection to "' + newdir + '"']
script = [script, 'end tell']
do_apple_script, script
```

How do the Slaves Of Gates do it?

Struan

Subject: Re: Creating Directories
Posted by [luthi](#) on Tue, 06 Jul 1999 07:00:00 GMT
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Jessica

You could try the spawn command like this

```
mydirectory='newdir'
spstr = 'mkdir '+mydirectory
SPAWN,spstr,/sh
```

Cheers

Martin

--

```
=====
Martin Luethi  Tel. +41 1 632 40 92
Glaciology Section  Fax. +41 1 632 11 92
VAW ETH Zuerich
CH-8092 Zuerich  mail luthi@vaw.baum.ethz.ch
Switzerland
=====
```

Subject: Re: Creating Directories
Posted by [davidf](#) on Wed, 07 Jul 1999 07:00:00 GMT
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Jessica Kim (jkim@stsci.edu) writes:

```
> Wow!! Thank you so much! That is exactly what I needed!!!
> All you guys rule!
```

Wow! Let's just say I'm gonna be showing up here even more than I have in the past. :-)

Cheers,

David

--

David Fanning, Ph.D.

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

Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Creating Directories

Posted by [Jessica Kim](#) on Wed, 07 Jul 1999 07:00:00 GMT

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Wow!! Thank you so much! That is exactly what I needed!!!

All you guys rule!

jess

Martin LUETHI GL A8.1 2-4092 wrote:

>

> Jessica

>

> You could try the spawn command like this

>

> mydirectory='newdir'

> spstr = 'mkdir '+mydirectory

> SPAWN,spstr,/sh

>

> Cheers

>

> Martin

> --

> =====

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> CH-8092 Zuerich mail luthi@vaw.baum.ethz.ch

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> =====

Subject: Re: Creating Directories
Posted by [Struan Gray](#) on Wed, 07 Jul 1999 07:00:00 GMT
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Martin Schultz, mgs@io.harvard.edu writes:

> 6 lines versus 3. Viva Unix (and it's flavors!)

Ahem.

```
do_apple_script, ['tell application "Finder",           $
    ' make new folder at item "' + path + '"', $
    ' select result', $
    ' set name of selection to "' + newdir + '"', $
    'end tell']
```

Tschì½ì½,

Struan

Subject: Re: Creating Directories
Posted by [luthi](#) on Wed, 07 Jul 1999 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Martin Schultz wrote

> 6 lines versus 3. Viva Unix (and it's flavors!)

actually it's one single line:

```
SPAWN,'mkdir '+mydirectory,/sh
```

cheers

Martin

--

```
=====
Martin Luethi  Tel. +41 1 632 40 92
Glaciology Section Fax. +41 1 632 11 92
VAW ETH Zuerich
CH-8092 Zuerich  mail luthi@vaw.baum.ethz.ch
Switzerland
=====
```

Subject: Re: Creating Directories

Posted by [Harald Frey](#) on Tue, 13 Jul 1999 07:00:00 GMT

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Trond Trondsen wrote:

```
> The solutions presented in this thread all seem to be unacceptable
> in view of the fact that IDL is, in principle, platform independent.
> I was contracted to write a piece of widget software that is supposed
> to run under unix/linux (the only platform *I* am able to stomach),
> VMS, Mac, as well as MS-Win/99 (or whatever it's called now). I happen to need
> to create subdirectories recursively and so on -- so, if I may ask,
> where is the IDL command to do directory creation platform independently.
> Independent like FILEPATH, for example. If I had direct access to all the
> different platforms I could of course easily write my own function using
> the !VERSION system variable. Let me know if anybody comes up with a
> CREATEDIR command for IDL. :-) -trond
>
```

This may not be the "perfect and complete" answer, but what I do to run a program on different platforms is to use a batch file which defines the common blocks (oh, yes I use common blocks!) and defines the platform specific path names, directory separators etc.

Here is the main part of the batch file as an example:

```
===== snipped some code here =====
; on which computer is it running
; this list can be extended in future if neccessary

; you have to edit this datapath and the filepath for the programs
case !version.arch of $
"sparc": begin $
    data_path='/disks/sprite/disk2/hfrey/ago/' &$
    file_path='/disks/sprite/disk1/hfrey/idl/ago/' &$
    dir_sep='/' &$
    dev_name='X' &$
end &$
"PowerMac": begin $
    data_path='+Hard Disk:applications:IDL:IDL 4.0:ago' &$
    file_path='+Hard Disk:applications:IDL:IDL 4.0:ago' &$
    dir_sep=':' &$
    dev_name='MAC' &$
end &$
"alpha": begin $
    data_path='[hfr.idl.ago.data' &$
    file_path='[hfr.idl.ago ' &$
    dir_sep='.' &$
    dev_name='X' &$
end &$
```

```
else: begin $
    print,'You have to edit the case statement in ago_config.cmn' &$
    stop &$
    end &$
endcase
===== end of batch =====
```

All my procedures call this batch at the beginning with

@ago_config.cmn

and you might include the platform specific differences in the directory creation here as well.

Harald
hfrey@ssl.berkeley.edu

Subject: Re: Creating Directories
Posted by [trondsen](#) on Tue, 13 Jul 1999 07:00:00 GMT
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The solutions presented in this thread all seem to be unacceptable in view of the fact that IDL is, in principle, platform independent. I was contracted to write a piece of widget software that is supposed to run under unix/linux (the only platform *I* am able to stomach), VMS, Mac, as well as MS-Win/99 (or whatever it's called now). I happen to need to create subdirectories recursively and so on -- so, if I may ask, where is the IDL command to do directory creation platform independently. Independent like FILEPATH, for example. If I had direct access to all the different platforms I could of course easily write my own function using the !VERSION system variable. Let me know if anybody comes up with a CREATEDIR command for IDL. :-) -trond

--

+-----+
| Trond S. Trondsen trondsen@phys.ucalgary.ca [VE6NOR] |
| Institute for Space Research - Calgary, AB, Canada |
