Re: bash scripts: how to determine directory of 'source'd file

Source: http://linux.derkeiler.com/Mailing−Lists/Debian/2006−01/msg03659.html

- *From*: Randy Belk <randy.belk@xxxxxxxxx>
- *Date*: Tue, 31 Jan 2006 16:35:39 −0600

```
michael wrote:

      On Tue, 2006−01−31 at 10:16 −0500, Juergen Fiedler wrote:

            On Tue, Jan 31, 2006 at 02:26:27PM +0000, michael
            wrote:

                  Presuming I have a file setEnvVars.sh
                  that I wish to source, .
                  path/setEnvVars.sh
                  How do I, within the script, determine
                  the actual directory within which
                  the setEnvVars.sh file sits? The sourcing
                  seems to disallow me access to
                  $0 etc

                  thanks, M

            If I understand your question correctly, the '$_'
            variable should do
            the trick.


        doesn't seem to:
        michael@ratty:~/models−3/CMAQ−4.5/scripts$ head ../defineEnvVars
        #!/bin/bash
        echo $_



        michael@ratty:~/models−3/CMAQ−4.5/scripts$ . ../defineEnvVars
        ../defineEnvVars
        michael@ratty:~/models−3/CMAQ−4.5/scripts$ cd cctm
        michael@ratty:~/models−3/CMAQ−4.5/scripts/cctm$ . ../../defineEnvVars
        cctm



      what I am trying to do in the script is get it to work out the
```

directory
in which defineEnvVars live, irrespective of which directory I am when I
run . [path]/defineEnvVars

thanks, michael

I think you might want this.

```
appdirname=`pwd`
rcname=backup/include
echo $appdirname"/"$rcname
```

But the following would be better if all the contents of the app are in the same directory...

```
rcname=`pwd`/backup/include
echo $rcname
```

Hope this helps....

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