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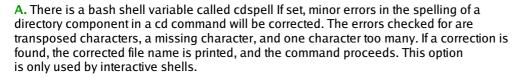
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Force Linux / UNIX bash shell to correct spelling of a directory name

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Q. There is a way to cd a particular directory even if you spelled incorrectly on the command line. The command was added to my shell startup file. After formatting my hard disk, I lost my original file. Can you tell me the shell option or command that will automatically correct errors in the spelling of a directory name in a cd command?

A. There is a bash shell variable called cdspell If set, minor errors in the spelling of a directory component in a cd command will be corrected. The errors checked for are transposed characters, a missing character, and one character too many. If a correction is found, the corrected file name is printed, and the command proceeds. This option is only used by interactive shells.

[1]

To toggle the values of cdspell variables controlling optional behavior use shopt command as follows:

```
$ shopt -s cdspell
$ cd /etx
$ pwd
```

Add above command to your .bash_profile file.

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