

A few TEQC tips for getting started

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TEQC (Translation Editing and Quality Check) is a command line program. The tutorial provided by UNAVCO (<https://www.unavco.org/software/data-processing/teqc/teqc.html>) is very helpful once you have TEQC running. However, if you are not super familiar with command line in Linux and MS-DOS, than you may simply have trouble getting TEQC to run until you tell your command line shell know where to look for it. It is very helpful to be able to execute TEQC from any directory on your computer and not the just the one it happens to be in.

Mac

These are notes on what I did to get a MacBook Air running (OS10.13.4) TEQC from any directory.

1. The shell that many Macs use is called `bash` (bring up your Linux commend line shell or terminal by searching for “Terminal” and then selecting it). Some other Mac shells are `tsh`, `zsh`, and `ksh` and the process should be fairly similar for those too.
2. When you first open the terminal, you will be in your user home directory
A few commands that will come in handy:
 - a. `pwd` returns what directory you are in
 - b. `ls` = list the directory contents
 - c. `ls -al` shows hidden files and file details
 - d. `cd` = change directory (example: `cd Documents`)
note: Linux is case sensitive and does not like spaces
 - e. `mkdir` = make directory
3. Create a new directory called `bin`
`mkdir bin`
4. Put the `teqc` executable file into `bin`
5. If you want to, you can check to make sure that TEQC is working, so navigate into the `bin` directory where the `teqc` executable file is saved and just test it to get a response
`cd bin`
`./teqc +id`
This should return basic info about TEQC.
`./` tells it to look in the current directory to find the executable file `teqc`.
6. Go back to your home directory
`cd`
7. Create a file called `.profile` in your home directory that contains the text
`PATH=~/.bin:$PATH`
`echo 'export PATH=$PATH:~/bin' >.profile`
8. Now close your terminal and launch a new one. Try running `teqc` from different directories to check that it runs from anywhere.

PC

These are notes on what I did to get a Lenovo Yoga (Windows 10) to get TEQC to run from any directory.

1. Search for and select “Command Prompt” to open the command window.
2. `path` returns the directories in which the computer looks for executable files

3. One of the locations in my computer's path was
c:\Users\username\AppData\Local\Microsoft\WindowsApps
4. This is a hidden directory so I had to make it visible by going to the Control Panel > Appearance and Personalization > File Explorer Options > View tab > select Show hidden files, folders, and drives
5. Once the directory was visible, I just moved teqc.exe into it and it worked from any directory in the computer. A good test if teqc is working is
teqc +id
6. A few simple commands in MS-DOS that will come in handy as you work in Command Prompt:
 - a. dir = list the directory contents
 - b. cd = change directory (example: cd Documents)
 - c. mkdir = make directory