

UNIX

\$ Oksana Riba-Grognuz

Exercises

<http://goo.gl/bJCJJ>

Terminal

Use this program to

- 1) Type input
- 2) See output

Login to Vital-IT

```
$ ssh username@prd.vital-it.ch  
$ ssh dee-serv0X
```

Where am I?

```
$ pwd
```

Who am I?

```
$ whoami
```

What's in there?

```
$ ls
```

Where is home?

```
$ echo $HOME
```

How to get home?

```
$ cd
```

What can I do?

```
$ TAB TAB
```

Things I can do

are the executables found in
locations specified using \$PATH

```
$ echo $PATH
```

I specify a full path to run a
program that is not in any of my
\$PATH locations

Specifying \$PATH

```
$ export PATH="$PATH:/some/location"
```

This line can be added to
file .bashrc in home directory

Change .bashrc

```
$ ls -lah  
$ less .bashrc
```

If the following lines are not
in .bashrc, then add them

```
$ echo "source /mnt/common/R-BioC/R-BioC.bashrc" >> .bashrc  
$ echo "source /mnt/common/UHTS/UHTS.bashrc" >> .bashrc
```

Folders

```
$ mkdir newfolder  
$ cd newfolder  
$ cd ..  
$ rmdir newfolder  
$ rm newfolder  
$ man rm
```

Editing Files

On Vital-IT use nano, vi or emacs

OR

Use scp, or Cyberduck, or FileZilla
to transfer on you local computer
and use you preferred editor.

NOT WORD!