

README

- This is an Org-mode notebook to get you started with interactive notebooks for bash scripting. This is really easy in Linux, a little more difficult in MacOS, and really rather painful (but still works) in Windows.
- Simply work through the sections below and follow the instructions **minutely**. Let me know if anything is not working.
- [] Each time you see the [] symbol after a bullet point or number, you have something to do. When you're done, go to the top of the paragraph and check it off with C-c C-c (That's two times CTRL+c). Do it now if you read and understood this!
- [] Since you're on Linux, setup and using the notebook is easy:
 - Run code blocks with C-c C-c
 - Add additional code blocks as you please but #+name: them
 - bash in the header of the code block automatically finds /usr/bin/bash
 - Successful execution produces a named #+Results: section, which you can delete because it can be recreated
 - Check this task if you got it.
- []

Here is a named code chunk. The name is [1](#) like the bash command that it contains. Run the code block by putting your cursor anywhere on the block (boundary is OK) and type C-c C-c.

```
whoami
```

- If this worked, you should see the following output below [1](#), and then you can check the task off. The code below is not a codeblock, by the way, but only an example.

```
#+RESULTS: codeblock
: pi
```

- [] To create a code block, you can type <s followed by the <TAB> key. This will expand and you only have to add bash after #+begin_src to turn it into a mini shell program~
- [] That's all there is to it! To test your new found powers:
 1. create a bash code block below
 2. name the code block pwd
 3. add the statement pwd inside the block
 4. run the block with C-c C-c
 5. check off this task if successful.
- [] To close, see how documentation and code work together in Emacs. Weave this entire notebook by pressing the key sequence: C-c C-e h o.
- [] This should open the file as an HTML file in a browser. If it worked, check it off, save this file with C-x C-s and move on to bigger and better things. Otherwise let me know.

Footnotes:

[1](#) This does not just look like a link, it is a link. You can click on it with your mouse, or follow the link with C-c C-o. If you're reading this footnote, you can also click on the footnote label to get back to the text (or jump with C-c C-o).

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