

Pulling and Grading Assignments via Glookup*

July 13, 2013

1 Pulling Assignments ¹

Please ignore this if you already have an efficient set-up running from past semester(s)!

The provided script looks at the `hwXroster` file and generates a few scripts which do the tedious unpacking stuff for you. If you intend to use the script, please read EVERYTHING here first.

Before you run it, you need to do a few things for every homework, in the same directory. Replace X with the number of the homework in the following commands.

- Run

```
$ make-roster -o hwXroster hwX
```

for the current homework. For example, to get a roster of all the students who submitted Homework 1, I would run

```
$ make-roster -o hw1roster hw1
```

to get a plain text file named `hw1roster`

- Run

```
$ get-submissions hwX
```

for the current homework in the same folder as the command above, to retrieve the symlinks to all of the submitted assignments. (We will worry about late submissions in the next section.)

- Copy over `hwgenscript.sh` into current directory.
- Sort `hwXroster` so you can enter grades alphabetically. Either do:

```
$ sort hwXroster > sorted_roster  
$ mv sorted_roster hwXroster
```

*See <http://inst.eecs.berkeley.edu/pub/grading.help> for more details about grading instruction

¹Many thanks to Sibi Venkatesan for the original and excellent write-up and script

Or, you can open up your file in vim, type `:sort`, press enter, type `:wq` and press enter to exit.

Then, from the same directory in which you have done the steps above, run `bash hwgenscript.sh`. This will generate a new script, `hwgen.sh`, and also create a directory called `hwpdf` in the current directory. You can then run `bash hwgen.sh`, which would unpack all submissions into the `hwpdf` directory. Finally, if you don't want to grade directly on the instructional server, `scp` the submissions directory back to your local machine

```
$ scp -r cs70-XX@star.cs.berkeley.edu:~/hwX/hwpdf .
```

(Don't forget the `.` at the end!)

2 Checking Late Submission ²

2.1 Prerequisites

Before running this script, you should have done the following:

- Created the roster file using the command `make-roster -o hwXroster hwX`
- Retrieved the symbolic links to the students' submissions using `get-submissions hwX`
- Put this script (`checklate.sh`) into the same directory where you ran the two above commands.

See Section 1 for more information.

2.2 Usage

Running this script without any arguments should display a usage help. (Sidenote: you may need to make the script executable first. Do `chmod u+x checklate.sh`)

```
$ ./checklate.sh
Usage : ./checklate.sh deadline
Format of deadline argument : yyyymmddHHMM
Example : ./checklate.sh 201209080100
Homework 3's deadline, for example (in GMT, to maintain compatibility
with get-submissions):
HW3 : 201307162230
```

2.3 Delete All Late Submissions (Prompt on Every File)

By default, the way to run this script is to simply pass the deadline as an argument. If you choose to run the script this way, it will always prompt you before it deletes any symbolic links.

Make sure to run this script in the same directory as where the symbolic links are located. Remember, the deadlines are Tuesdays at 3pm with a 30 minutes grace period, and in GMT, it's (I think)

²Credit of the original script goes to Ivan Gozali of CS170. Credit of the original write-up goes to Sibi Venkatesan.

+7 hours. So the correct time for the timestamp would be 2230. Please make sure to double-check or correct me on this.

```
$ ./checklate.sh 201307162230 # 3:30pm deadline in GMT for HW3's Deadline
```

2.4 Delete All Late Submissions (No Prompt)

If you trust this script enough that it will delete all the late submissions' symbolic links correctly, use the following command

```
$ yes | ./checklate.sh 201307162230
```

2.5 That's Complicated. Can I Not Use It?

Sure! Log-on to your reader account and be ready on **star**, or any instructional server, at 3:30 pm on Tuesdays. Simply run the first script (with the instructions in Section 1), and you don't have to worry about any late submissions! Simple enough :-)

3 Entering Grades

There are two ways to enter grades. You can either put everything into the roster file and have the system auto-recorded for you. Or you can enter grades interactively when the system prompts you student-by-student.

3.1 Entering Grades via the Roster File (hwXroster)

First, enter the grade for each submission into the roster file, one space immediately following the student's last name. The roster file follows this format

```
cs70-XX Name
```

, so you would see lines like

```
cs70-aa John_Doe
cs70-bb Herp_Derp
```

Enter the grades into this file as followed

```
cs70-aa John_Doe 8
cs70-bb Herp_Derp 3
```

If you want to add comments, separate your comment and the grade by a single space

```
cs70-aa John_Doe 8 Good job.
cs70-bb Herp_Derp 3 Too much derp!
```

After entering all the grades/comments into the roster file, simply execute this command

```
enter-grades -f hwXroster hwX
```

Don't forget the -f flag! If you do, it's essentially the interactive way (as described below)

3.2 Entering Grades Interactively

Simply carry-out

```
enter-grades hwX
```

and the system will prompt you, student-by-student, so you can enter the grade immediately after grading every submission.