



# SLACK BOTS

## TO TEST YOUR THE LOCAL VERSION OF YOUR BOT ON THE COMMAND LINE

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For testing changes locally before pushing your code.

1. *At the command line, navigate to the main folder for your bot.*
2. *Type `./bin/hubot` and press **Enter**. This gives a few warning messages that you can safely ignore, as long as the BASH prompt is **not** displayed again after them.*
3. *Press **Enter** again, after which you should see a prompt such as `hubot>` where you can type commands to your bot.*
4. *When you're done testing, press **control + C** to return to the BASH prompt. Note that your command prompt interactions reflect the state of your `script.js` file at the time you launched the bot prompt. If you make a change to your `script.js` file and save it while the prompt is running, the change will not be reflected in your your interactions with an existing bot prompt. You need to press **control + C** to close the Hubot prompt, then repeat instructions 2 & 3 above to relaunch it.*

## TO TEST THE HEROKU VERSION OF YOUR BOT ON SLACK

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For interacting on Slack with code you have pushed.

1. *At the command line, navigate to the main folder for your bot.*
2. *Push your code to Heroku using the following commands:*

```
git add .  
git commit -m "description of changes"  
git push heroku master
```
3. *Open a direct message with the bot you're using in the class Slack organization (such as `redbot` or `greenbot`).*
4. *Send a direct message to interact with your bot. If you're sharing a bot, remember that the bot's replies may reflect the code of the classmate sharing your bot on Slack, as well as your own code, so you may get multiple replies to a single test message.*

## TO TEST THE HEROKU VERSION OF YOUR BOT ON THE COMMAND LINE

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For interacting at the command line with code you have pushed to Heroku.

1. *At the command line, navigate to the main folder for your bot.*
2. *Push your code to Heroku using the following commands:*

```
git add .  
git commit -m "description of changes"  
git push heroku master
```
3. *Type `HUBOT_SLACK_TOKEN=TOKEN-GOES-HERE ./bin/hubot --adapter slack` and press **Enter**, where `TOKEN-GOES-HERE` is the Slack token provided by your instructor.*

*This gives a few warning messages that you can safely ignore, as long as the BASH prompt is **not** displayed again after them.*
4. *Press **Enter** again, after which you should see a prompt such as `hubot>` where you can type commands to your bot.*
5. *When you're done testing, press **control + C** to return to the BASH prompt. Note that your command prompt interactions reflect the state of your `script.js` file at the time you launched the bot prompt. If you make a change to your `script.js` file and push it to Heroku while the prompt is running, the change will not be reflected in your interactions with an existing bot prompt. You need to press **control + C** to close the Hubot prompt, then repeat instructions 3 & 4 above to relaunch it.*