

Team members:

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Project title: The HUBZone

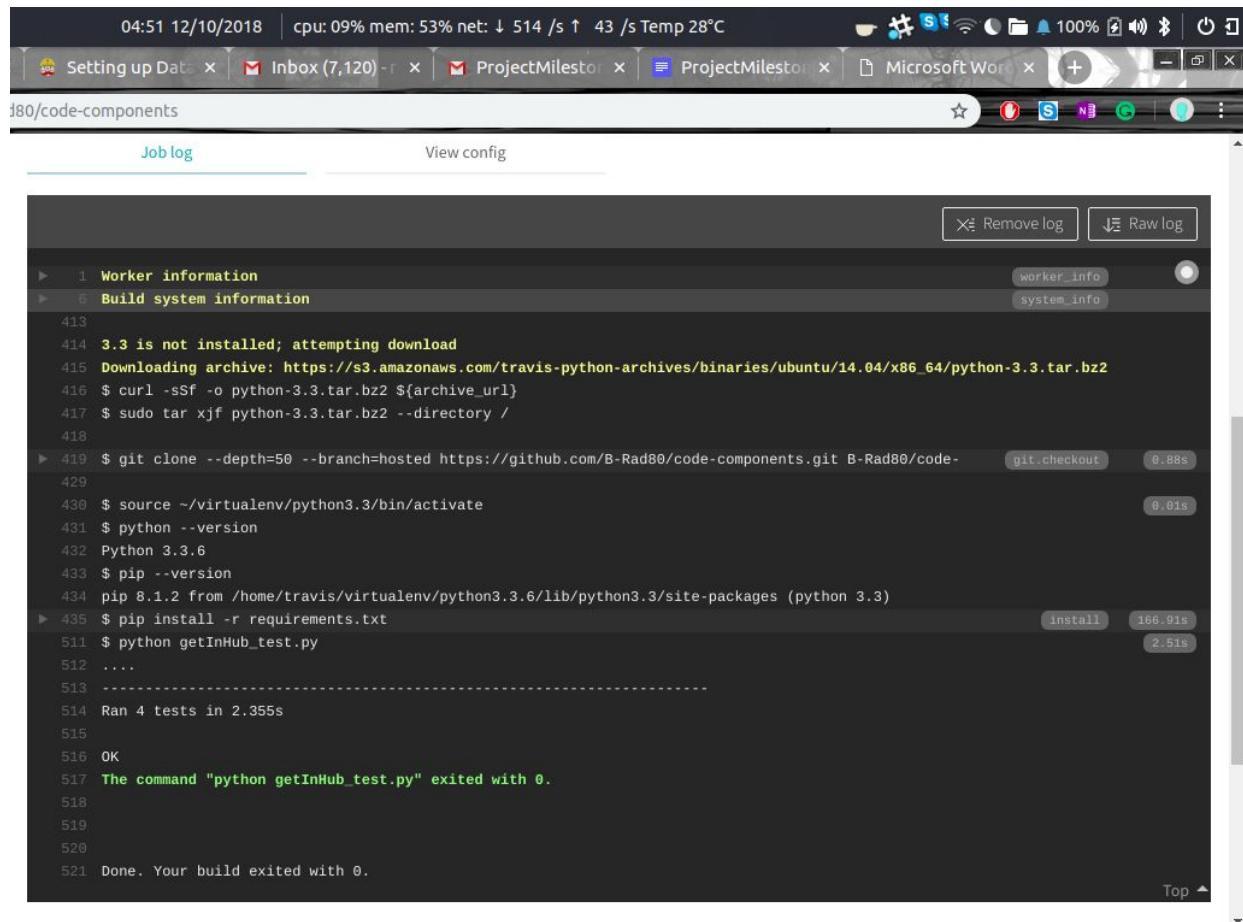
User Acceptance Tests**Feature List:**

1. Enter in a single address and have it return hubzone table
2. Upload a zipped file containing txt documents with potential address and search them for addresses and return the hubzone table for files that contain addresses
3. Upload a CSV file in indeed candidate export format and return the non-rejected candidates' hubzone graph that have an associated address

Test Cases:

1. Test 805 29th st to show that the County isn't in a hubzone but the tract is and show apps ability to guess the correct address
2. Test 2184 Old Hickory Davison Michigan prove a second case where tract nor County do not reside in hubzone
3. Upload 1 zip file that contains 2 text files: one that contains a valid address and the other does not. Test case will show that the program unzips and moves the file without the address to a seperate list while printing if the address found in the other file is or is not a designated HubZone to the screen.
4. Uploaded a shortened CSV that has been exported from Indeed.com with 20 test cases from real potential employees that span a variety of areas across the US and show the program ignores all rejected and NULL addresses while only printing if the other potential employees are or are not residing in HubZones.

Automated Tests: link= <https://travis-ci.com/B-Rad80/code-components>Runs when branch is pushed here is the output:



The screenshot shows a web browser window displaying the Travis CI build log for the repository B-Rad80/code-components. The browser's address bar shows the URL https://travis-ci.com/B-Rad80/code-components. The page has two tabs: 'Job log' (selected) and 'View config'. The build log itself is a dark-themed terminal window with the following content:

```
1 Worker information
6 Build system information
413 3.3 is not installed; attempting download
415 Downloading archive: https://s3.amazonaws.com/travis-python-archives/binaries/ubuntu/14.04/x86_64/python-3.3.tar.bz2
416 $ curl -sSf -o python-3.3.tar.bz2 ${archive_url}
417 $ sudo tar xjf python-3.3.tar.bz2 --directory /
418
419 $ git clone --depth=50 --branch=hosted https://github.com/B-Rad80/code-components.git B-Rad80/code-
429
430 $ source ~/virtualenv/python3.3/bin/activate
431 $ python --version
432 Python 3.3.6
433 $ pip --version
434 pip 8.1.2 from /home/travis/virtualenv/python3.3.6/lib/python3.3/site-packages (python 3.3)
435 $ pip install -r requirements.txt
511 $ python getInHub_test.py
512 ....
513 -----
514 Ran 4 tests in 2.355s
515
516 OK
517 The command "python getInHub_test.py" exited with 0.
518
519
520
521 Done. Your build exited with 0.
```

On the right side of the log, there are several expandable sections: 'worker_info', 'system_info', 'git.checkout' (0.88s), 'install' (166.91s), and '2.51s'. At the bottom right of the log window, there is a 'Top' link.

Here's a picture of it "running"

The screenshot shows a web browser window displaying the Travis CI interface for the repository `B-Rad80/code-components`. The browser's address bar shows the URL `https://travis-ci.com/B-Rad80/code-components`. The system status bar at the top indicates the time is 04:54 on 12/10/2018, with CPU at 17%, memory at 53%, and network activity.

The Travis CI interface has a sidebar on the left with "My Repositories" and "Running (1/1)". The main content area shows the "Current" build status for the repository. The build is labeled "hosted travis v5" and is in the "#4 started" state, with a "Cancel build" button. The build details include:

- Commit: `2a5d015`
- Compare: `fc7194...2a5d015`
- Branch: `hosted`
- Author: `B-Rad80`
- Language: `Python: 3.3`

Below the build details, there are tabs for "Job log" and "View config". The "Job log" tab is active, showing a terminal output of the build process. The log includes the following steps:

```
1 Worker information
6 Build system information
413
414 3.3 is not installed; attempting download
415 Downloading archive: https://s3.amazonaws.com/travis-python-archives/binaries/ubuntu/14.04/x86_64/python-3.3.tar.bz2
416 $ curl -sSf -o python-3.3.tar.bz2 ${archive_url}
417 $ sudo tar xjf python-3.3.tar.bz2 --directory /
418
419 $ git clone --depth=50 --branch=hosted https://github.com/B-Rad80/code-components.git B-Rad80/code-
420
421 $ source ~/.travisrc/ubuntu3.3/bin/activate
```