

USHAHIDI Organization



working on the Issue Installer helper
usability testing #3660

Repository: Platform-client repository

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System Details

Details of the System used in testing the Installer helper:

Operating System: Ubuntu 18.04

Method of Installation used on installing Ushahidi Platform-client and Platform API

I used the setup using the installation for XAMPP on Linux

https://docs.ushahidi.com/platform-developer-documentation/getting-started/setup_alternatives/xampp

Both Platform Api and client have been installed

Both Platforms are active and running

Date of Installation: March 2019

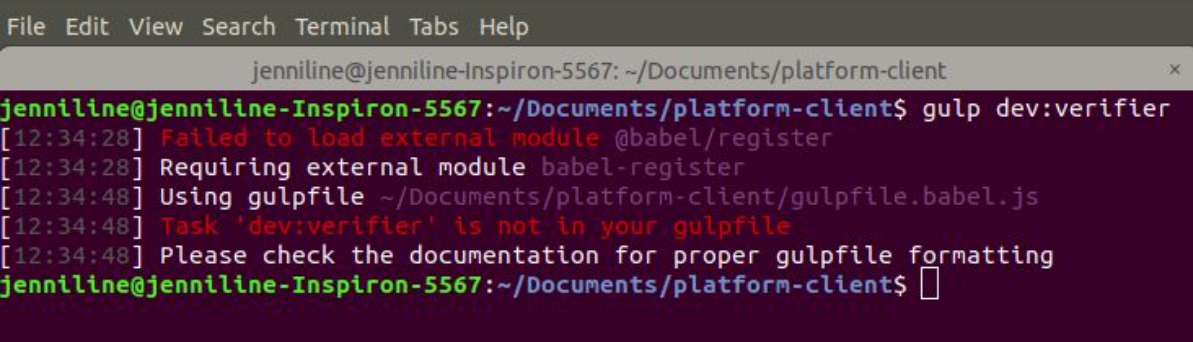
Section 1

For General Users

I have installed a release of the Ushahidi Platform that contains the installation helper so then I am able to access the helper from my browser.

Procedure:

1. I opened the terminal window
2. I entered the platform-client code my using the `cd` into the directory
3. Using `git branch` I could determine the branch on which I am which was the develop branch
4. On running the command: `gulp dev: verifier`
 - 4.1. The output I get is as shown below

A terminal window screenshot with a dark background. The title bar shows 'File Edit View Search Terminal Tabs Help'. The terminal text is as follows:

```
jenniline@jenniline-Inspiron-5567: ~/Documents/platform-client
jenniline@jenniline-Inspiron-5567:~/Documents/platform-client$ gulp dev:verifier
[12:34:28] Failed to load external module @babel/register
[12:34:28] Requiring external module babel-register
[12:34:48] Using gulpfile ~/Documents/platform-client/gulpfile.babel.js
[12:34:48] Task 'dev:verifier' is not in your gulpfile
[12:34:48] Please check the documentation for proper gulpfile formatting
jenniline@jenniline-Inspiron-5567:~/Documents/platform-client$
```

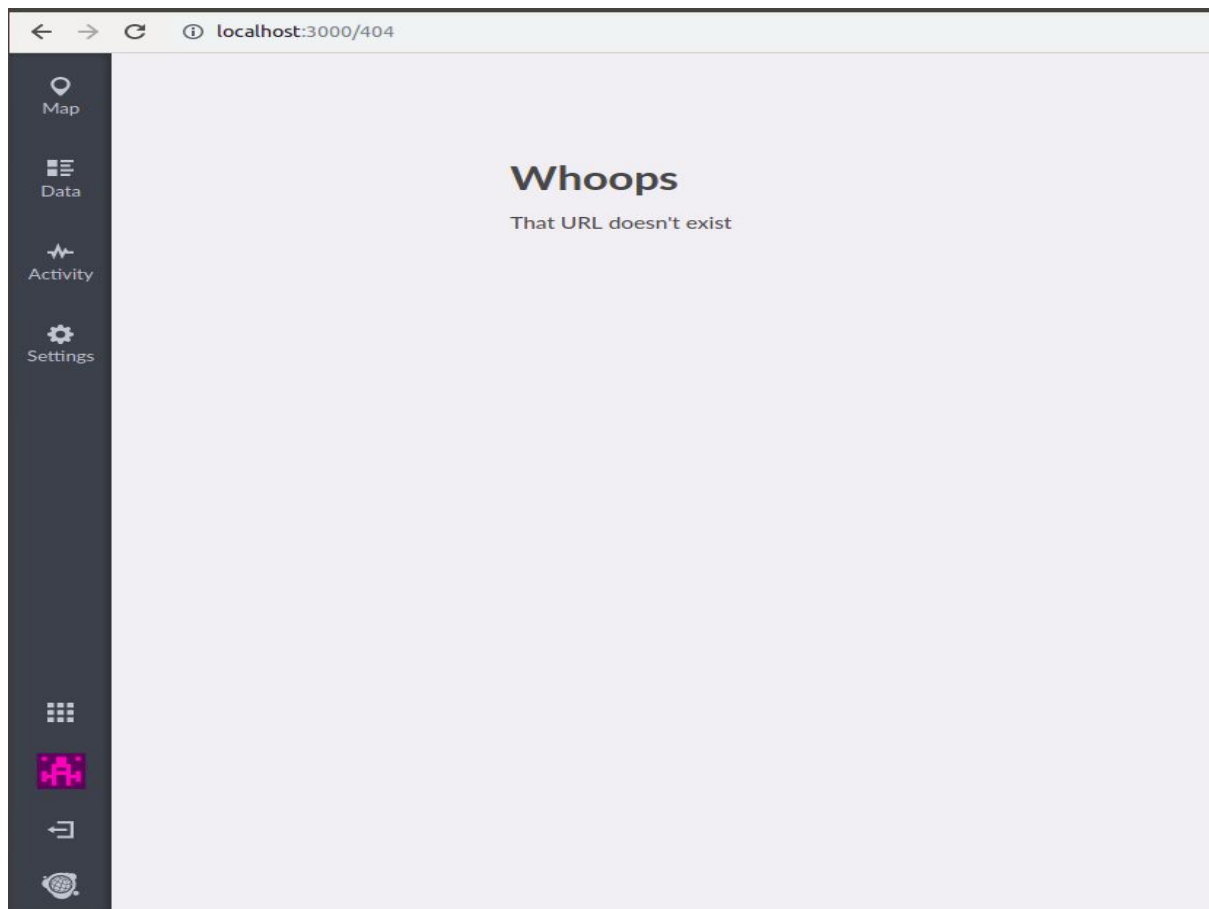
The above image shows that the `gulp dev: verifier` command does not run successfully. On the 4th line of the output, it shows that the `dev: verifier` is not found in my gulpfile. I recall that I the platform-client and platform-API are running successfully on my local system. During the installation of the API, I followed all instructions and made sure I skipped no step.

I, therefore, think this error is arising perhaps from the fact that I am using a version of Ushahidi that was launched before the version of the Installer helper usability. Well, that is my personal assumption. The actual reason may be different.

Instructions from the Installation helper

5. Then add /verifier after the main URL address of your deployment.

The address of my deployment is <http://localhost:3000> adding /verifier produces the following output



The above output indicates that when appending /verifier to the end of the main URL of my deployment it produces a **404 ERROR**

Section 2

For Developers

In this section, I will be trying out the installation for developers using the procedure given in the installation helper.

- For having the Platform-client source code downloaded, as well as the associated necessary development tools installed; I used the installation of the Platform-client using XAMPP on ubuntu Linux my system version is 18.04.
- The is installation was successful and I tested it using the gulp command and the output is as shown below.

```
jenniline@jenniline-Inspiron-5567: ~/Documents/platform-client
jenniline@jenniline-Inspiron-5567:~/Documents/platform-client$ gulp
[12:30:29] Failed to load external module @babel/register
[12:30:29] Requiring external module babel-register
[12:30:55] Using gulpfile ~/Documents/platform-client/gulpfile.babel.js
[12:30:55] Starting 'dev'...
[12:30:59] Finished 'dev' after 3.85 s
[12:30:59] Starting 'watch'...
[12:30:59] Finished 'watch' after 38 μs
[12:30:59] Starting 'default'...
[12:30:59] Finished 'default' after 3.15 μs
[Browsersync] Access URLs:
  -----
    Local: http://localhost:3000
  External: http://192.168.1.124:3000
  -----
    UI: http://localhost:3001
  UI External: http://localhost:3001
  -----
[Browsersync] Serving files from: app
webpack: wait until bundle finished: /index.html
webpack built 6438616d4aa95e771fc5 in 31661ms
Hash: 6438616d4aa95e771fc5
Version: webpack 2.7.0
Time: 31661ms
```

Asset	Size	Chunks	Chunk Names
manifest.json	460 bytes	[emitted]	
90cfb4a564276c5f82a992f73f080317.png	11.3 kB	[emitted]	
d05eb1d97e28d37b24ff2a91a804a1c4.png	17.8 kB	[emitted]	
58956fed698976d6a0cfb988e5286fce.eot	68.8 kB	[emitted]	
99c388391eaa67f4e1b82d42a37ed66f.eot	68.7 kB	[emitted]	
6df64ed5a283ba37d65346e4c133fd21.eot	69.8 kB	[emitted]	
195de9cbebe8ebcb6ae7232017c61906.eot	67.8 kB	[emitted]	
075f27df741c07fc07c0ae2a8a5791c3.eot	68.9 kB	[emitted]	
6cfad5881181ae658a6efdd68889a690.eot	68.1 kB	[emitted]	

```

      Asset      Size  Chunks  Chunk Names
8e7baace3c3e7575c8f1e0fca9aa9a9d.svg  36 kB
639b7451c35ad1cad261308c8333277d.svg  20.1 kB
6bf485e0ac4500f92ffd0ec9d582a2e3.svg  19.9 kB
44ae4fdb16ba192549377318d3e93784.png  68.6 kB
Child extract-text-webpack-plugin:
      Asset      Size  Chunks  Chunk Name
794fdb644430b318ed4a3bebf79e3db4.svg  124 bytes
d2eae2774c1948a13da28e2ca9bf09ac.svg  252 bytes
webpack: Compiled successfully.

```

Command-line

Open a terminal window, navigate to the folder where your platform-client code is, make sure you are in the develop -branch and run:

- I opened a terminal window
- Navigated to the platform-client
- And entered the develop branch
- And ran: `gulp verify`

```

jenniline@jenniline-Inspiron-5567:~/Documents/platform-client$ gulp verify
[13:47:31] Failed to load external module @babel/register
[13:47:31] Requiring external module babel-register
[13:47:59] Using gulpfile ~/Documents/platform-client/gulpfile.babel.js
[13:47:59] Task 'verify' is not in your gulpfile
[13:47:59] Please check the documentation for proper gulpfile formatting
jenniline@jenniline-Inspiron-5567:~/Documents/platform-client$

```

After doing this, the installation-helper runs checks and displays the results in the command-line. If there are any errors, the helper displays hints on how to solve the problem.

The installation-helper runs the same checks as in the browser but displays the result in the terminal window.

After doing this I obtained the output shown above.

Normally the Installer helper displays hints on how to solve the problem.

But in this case, the problem is not actually an error. It is a that there is a missing `verify` in my gulp file.

SECTION 3

Security sensitive checks: API Installation Debug Mode

- I opened a terminal window
- entered into the platform directory by doing `cd platform`.
- And verified I was on the develop branch using git branch
- I ran the command
 - `composer install debug: enable`
- The output was as shown below
- 1st part of the output

```
xampp-linux-x64-7.2.12-0-installer.run
jenniline@jenniline-Inspiron-5567:~/Documents$ cd platform
jenniline@jenniline-Inspiron-5567:~/Documents/platform$ ls
apache_heroku.conf  bin                composer.lock      docker-compose.yml  LICENSE-AGPL      phpspec.yml.dist   README.md
apiary.apib         bootstrap          config             Dockerfile          LICENSE.md         phpunit.xml.dist   resources
app                 captainhook.json  CONTRIBUTING.md    docs               mapping.json       pre-commit         routes
app.json            codeship-services.yml  database           example.env         migrations         Procfile          seeds
artisan             codeship-steps.yml  deployment.env.encrypted  Homestead.yaml     phinx.php          public            skeleton.php
behat.yml.dist      composer.json      docker             httpdocs           phpspec.yml.coverage  PULL_REQUEST_TEMPLATE.md  src
jenniline@jenniline-Inspiron-5567:~/Documents/platform$ git branch
* develop
jenniline@jenniline-Inspiron-5567:~/Documents/platform$
```

2nd part of the output

```
jenniline@jenniline-Inspiron-5567:~/Documents/platform$ composer installdebug:enable
Cannot create cache directory /home/jenniline/.composer/cache/repo/https---packagist.org/, or directory is not writable. Proceeding without cache
Cannot create cache directory /home/jenniline/.composer/cache/files/, or directory is not writable. Proceeding without cache
Cannot create cache directory /home/jenniline/.composer/cache/repo/https---packagist.org/, or directory is not writable. Proceeding without cache

There are no commands defined in the "installdebug" namespace.
jenniline@jenniline-Inspiron-5567:~/Documents/platform$
```

Normally when the command completes successfully. I had to run the Installation Helper checks again and see that the disabled checks are now running.

I would have run the command: `composer install debug: disable`

However, the command did not run successfully on my system. The first screenshot shown above shows that I have all the necessary files for the PLATFORM-API including `composer.json`.

The second part of the output shows that `there are no commands defined in the "installdebug" namespace`

This output is unknown to me but I am in the process of searching for a possible solution. Any solution given by Ushahidi maintainers will be very helpful.

Section 4

Conclusion

is unknown to me but I am i

After going through the *Installation helper* and testing each command I have analysed the installation helper from my own point of view I have the opinion of the installation as follows.

I am a user of the USHAHIDI Platform and Platform-client. I set up the USHAHIDI environment in March 2019. I have the impression that the Installation helper was written after that period of time and therefore my version of USHAHIDI is surely lower than the version of USHAHIDI the installation helper is referring to which can be a reason for the unsuccessful completion of the commands on my system.

There is a possibility that this might be the case for most USHAHIDI users that are in the case as I am. So then I think the first step to solving this or improving their usability is by upgrading to a newer version of USHAHIDI.

The solutions to the above errors and challenges are currently being researched and will be available in my next report.