

**p. Provided sufficient documentation to install and run their prototype on another machine**

This document provides a means to run the BE Safe application on another machine. The BE Safe application can be run on any platform supporting Node.js or Docker. Here are the installation procedures:

### Standalone Node Installation

#### Prerequisites

- A Git client
- Node.js (v0.12.6 is recommended)
- A command prompt or terminal shell window

#### Work from a terminal window

- **Windows:** From the Start menu, select Git > Git bash
- **Mac:** Press Command + Space and type Terminal
- **Linux:** Open a standard terminal window

#### Installation

1. Clone our GitHub repository.  
`$ git clone https://github.com/buchanan-edwards/be-safe.git`  
`$ cd be-safe`
2. In the `config` directory is a `local-example.json` file. Please **copy or rename** this file to `local.json`. Then, edit this file and set your own OpenFDA API key as well as the AWS settings used for SMTP.
3. Install the dependencies and start the server from the `be-safe` directory.  
`$ npm install`  
`$ npm start`
4. Point your browser to <http://localhost:8081/> and use the BE Safe application. Please note that the port can be changed in the `config/defaults.json` file.

### Docker Container Installation

The BE Safe application can also be run using Docker technology using the following steps:

1. Install Boot2Docker (Mac OS X and Windows) or the Docker package (Linux).
2. Reboot and start boot2docker
3. `boot2docker ip` (Note for later -- Windows and OSX only)
4. `boot2docker ssh` (Windows only)
5. `docker pull buchananedwards/be-safe`



6. `docker run -p 8081:8081 -e "OPENFDAAPIKEY=YOUROPENFDAAPIKEY" -e "AWSREGION=YOURAWSREGION" -e "AWSACCESSKEYID=YOURAWSACCESSKEYID" -e "AWSSECRETACCESSKEY=YOURAWSSECRETACCESSKEY" buchananedwards/be-safe`
7. The Docker URL is `http://noted IP:8081`.

The BE Safe application uses the AWS Simple Email Service API to send emails. To use this functionality, you must get SES credentials as listed in the first row of the table on the following page. <http://docs.aws.amazon.com/ses/latest/DeveloperGuide/using-credentials.html>