

Docker Einstein

User Manual



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Installation

Run the following commands:

To build the image:

`'docker-compose build'`

This will build from the *Dockerfile* and run `npm install` for any *Node.js* dependencies.

To run a container:

`'docker-compose run'`

This will spin up the image, creating a container of the application.

User Guide

1. Logging In

Users who have not logged in will land on the authentication page of the application. Clicking the 'Log In' button will redirect the user to Google's sign in page where they can choose what Google account to use. Once authenticated, the user will now be on the upload page and will no longer be able to access the authentication page.

2. Uploading

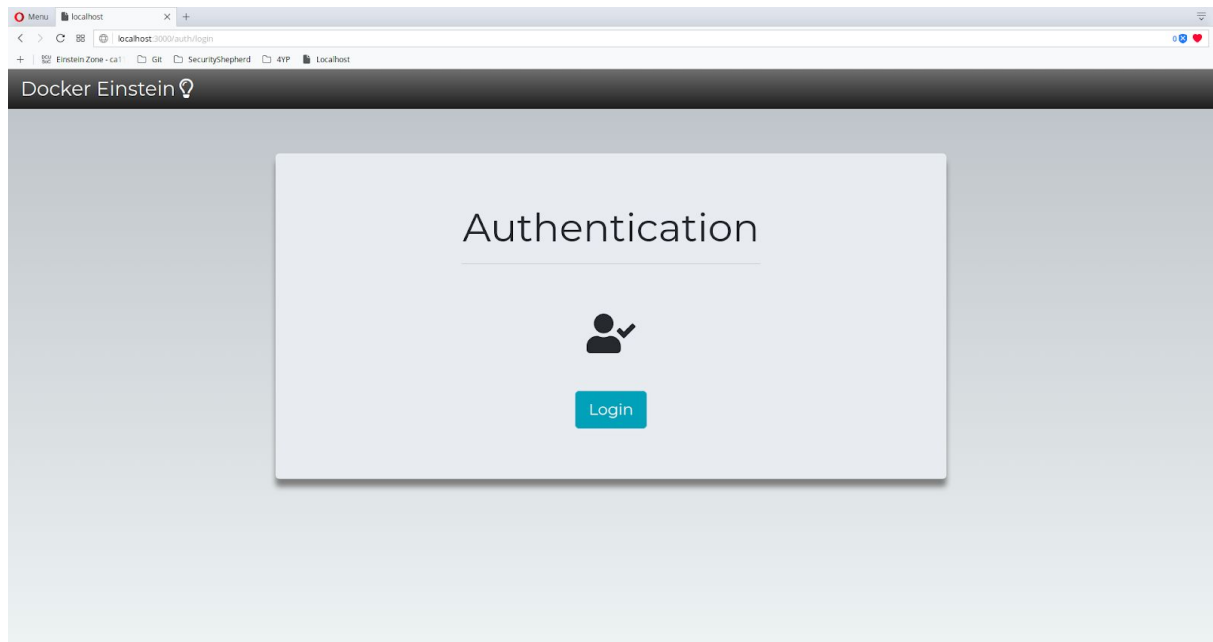
To upload a file, simply click on the box in the middle of the screen, or hit *Enter* on the keyboard. Either will bring up the file explorer through which a user can select a file to upload. Once the file is uploaded, the application will redirect to the feedback page where they can view details about the status of their upload.

3. Viewing Feedback

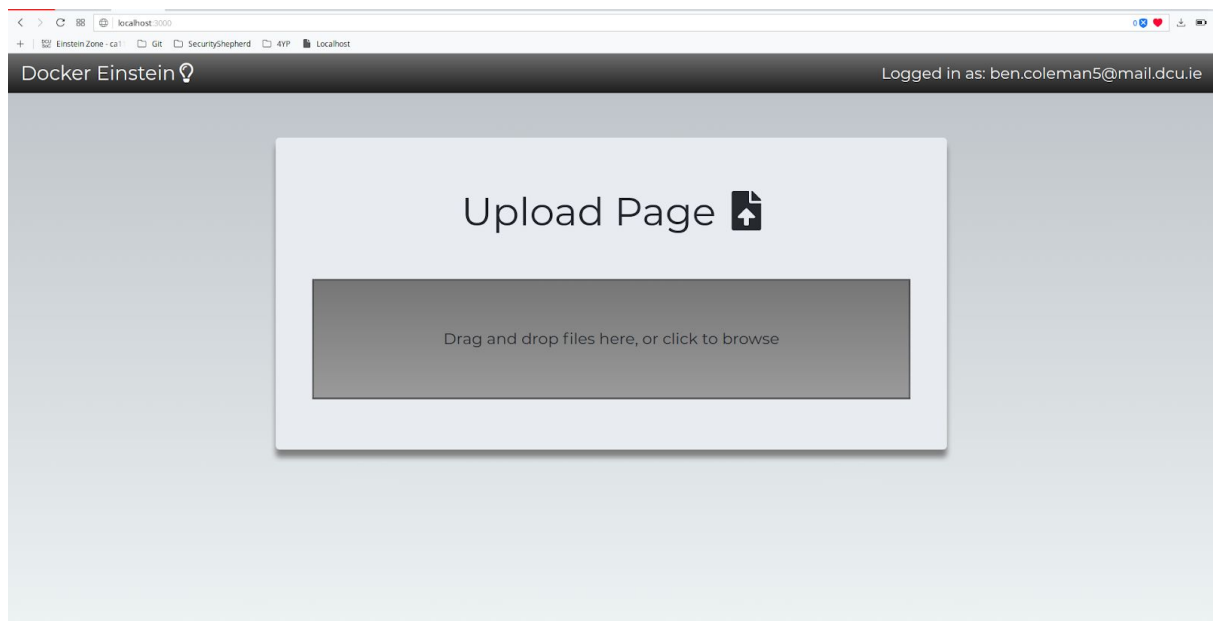
The feedback page contains all relevant information a user will need to know after uploading a file. The first pieces of information that can be seen are the status of the file (correct/incorrect) and the amount of test cases passed. These two details are coloured either green or red depending on success or fail so the user can quickly and easily know their result. The amount of test cases passed shows how far off a users upload is from being correct, and how many test cases the upload was compared against. They can then see the file name and contents so that it can be easily referenced and so a user knows that they uploaded the correct file. The test case results can be seen below where a user can quickly tell what was wrong. To return to the upload page, a user can either click the 'Docker Einstein' logo in the top left of the screen, click the 'Upload Page' button, or press *Enter*.

Screenshots

Authentication Page

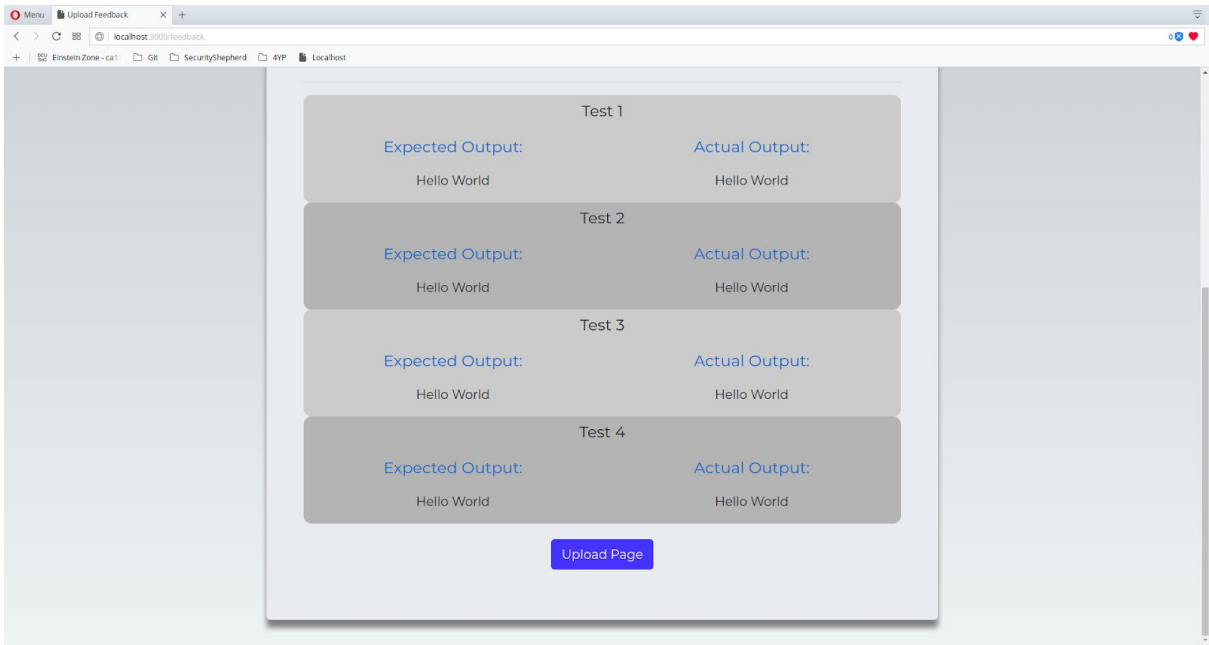
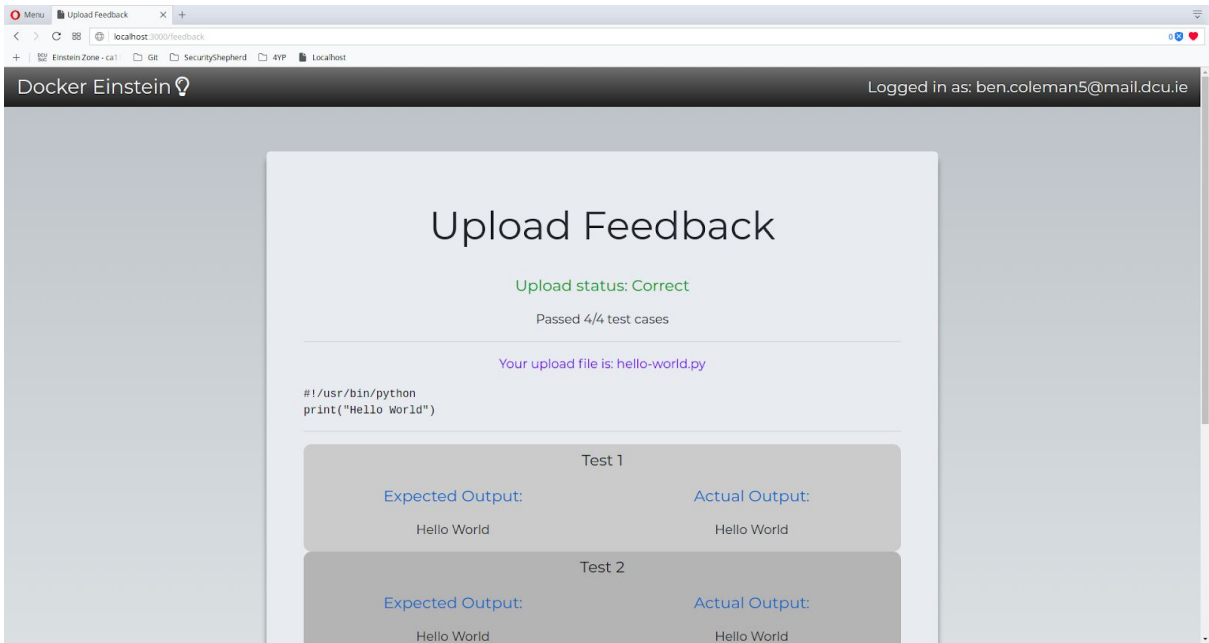


Upload Page



Feedback Page

File Correct



Partially Correct

