

## Simmeringc WebPoller – SnapLogic Coding Exercise

The Simmeringc WebPoller is a Java application that lets you track webpage changes live.

The application enables users to see the percentage change of a website since the time of tracking, and view a diff of the updated content.

An email is sent to the specified address if the website has changed enough to trigger the change-threshold set by the user.

### Installation:

The application is built with Maven. Clone and execute:

```
mvn clean install
```

to download dependencies and create a JAR in the '/target' folder.

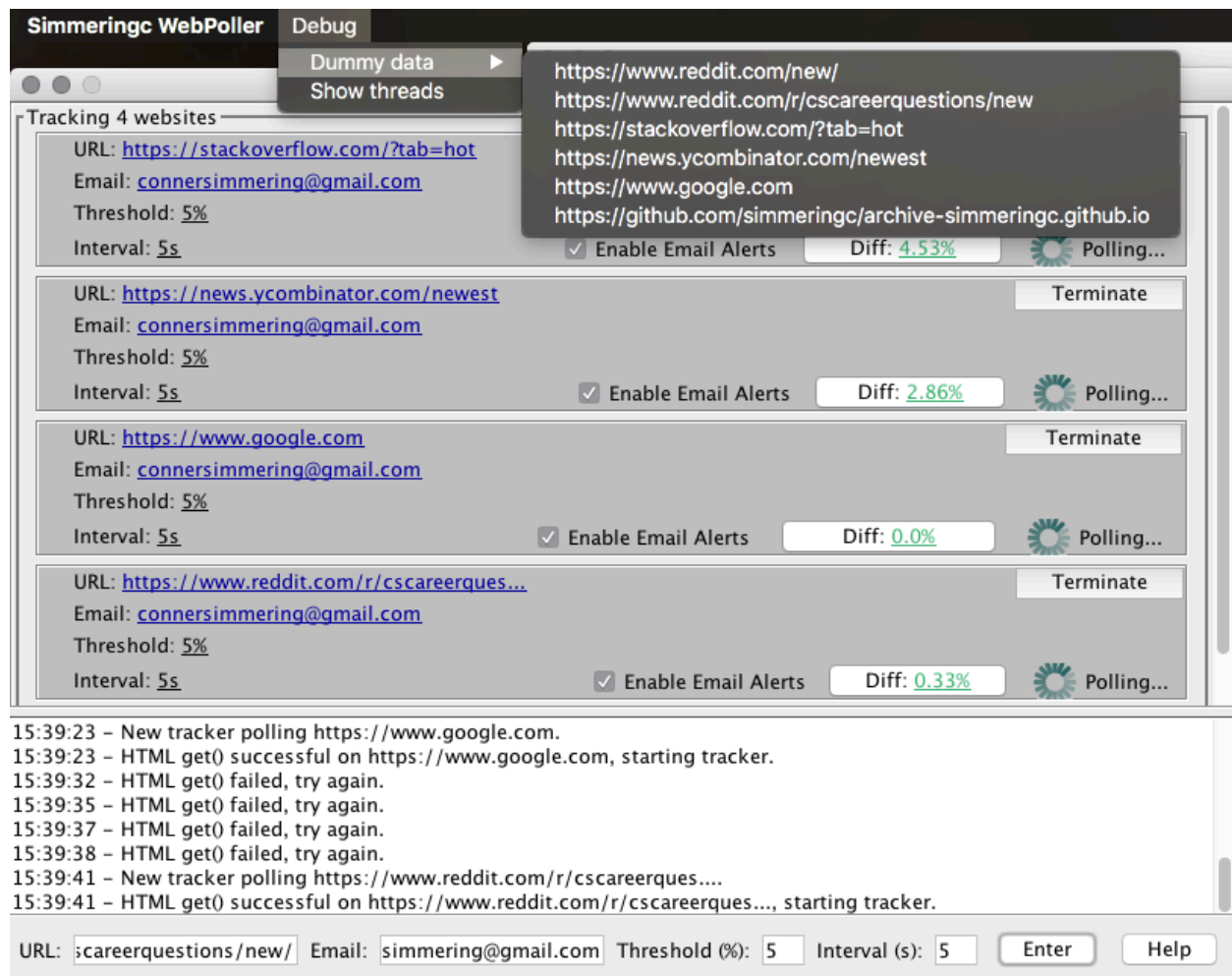
Maven should specify dependencies, classpaths and Java 1.8 to your IDE, if not, contact [connersimmering@gmail.com](mailto:connersimmering@gmail.com) for support.

The application can be built and run in your IDE or from the generated JAR.

### Testing:

Access the Menu Tool bar and enter your email to quickly test the applications features:

(See next page)



### HTML Filter Policy:

Visit '/controllers/HtmlSanitizer' to view the policies for which a diff is calculated. The application can be extended to monitor specific HTML tags or even tag Id's.

### Warning:

The application will may if it receives too much HTML from a get() request. Content rich websites like reddit.com overloads the application's local storage.