Simmeringc WebPoller – SnapLogic Coding Exercise

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

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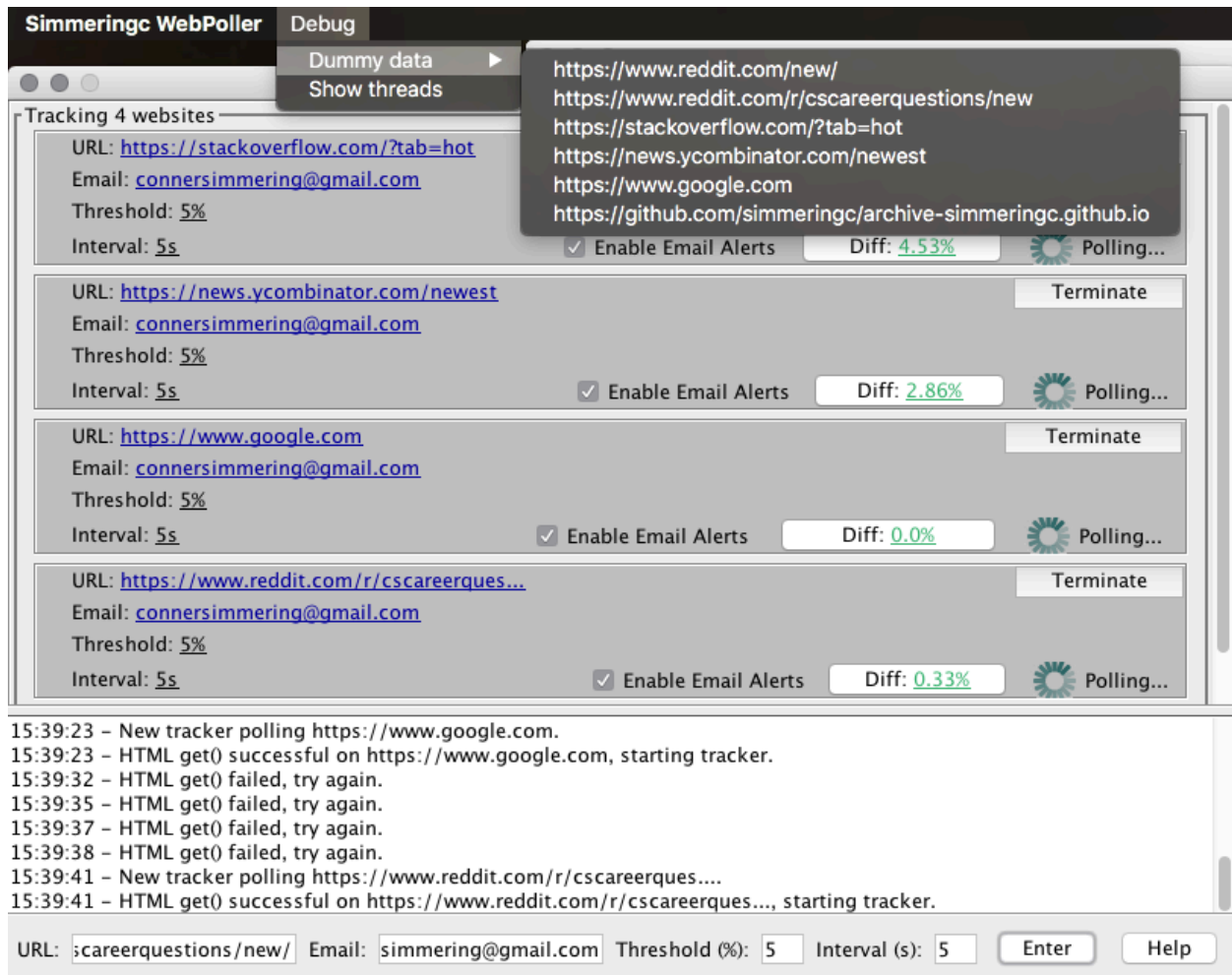
The application can be built and run in your IDE or from the generated JAR:

website-poller-development-jar-with-dependencies.jar

Testing:

Access the Menu Toolbar and enter your email to quickly test the application's features:

(See next page)

HTML Filter Policy:

Visit '/controllers/HtmlSanitizer.java' 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 may crash if it receives too much HTML from a get() request. Content rich websites like reddit.com overload the application's local storage.