### Overview

The intent of this document is to demonstrate the DevOps processes executed during development of FDAlerts.

### Continuous Integration

We used Jenkins, an open-source software application to monitor, build, and assist in deployment of [FDAlerts.com](http://FDAlerts.com). Our Jenkins project is linked to our Github repository build the master branch. Builds are triggered when changes are pushed to GitHub. When triggered, Maven finds the root pom.xml file and runs the goals set by Jenkins. If the build succeeds code is deployed to our EC2 instance through Amazon’s Code Deploy plugin, and SonarQube generates an analysis. If the build fails emails are sent to the appropriate members of the team and the build is not published.