Geo Location using API Connect

Geetakrishna & Pidugu Ashok
IBM API M Trainee,
Miracle Software Systems.

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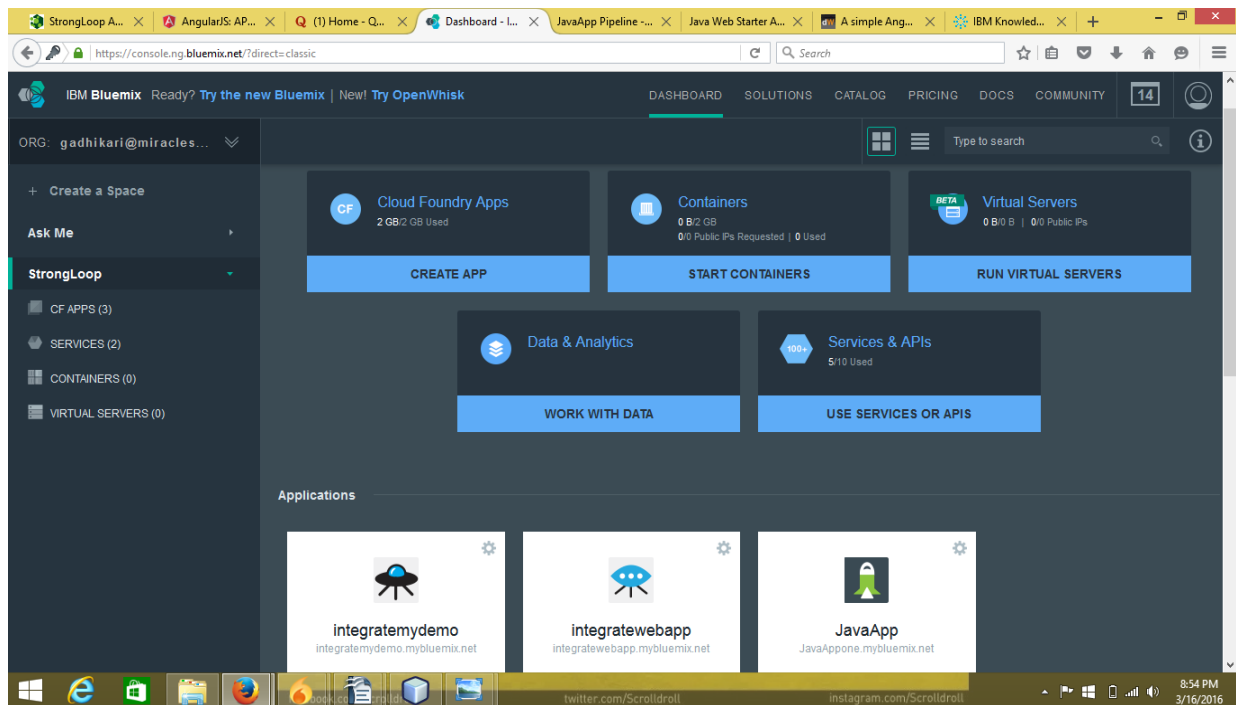
Integrating with IBM API Connect.

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Develop and deploy a SDK for node js

IBM Bluemix is an open-standards, cloud-based platform where you can build, manage, and run all types of apps: mobile, smart devices, web, and big data.

In this P.O.C, you create an app in Bluemix by using the sdk node js starter pack
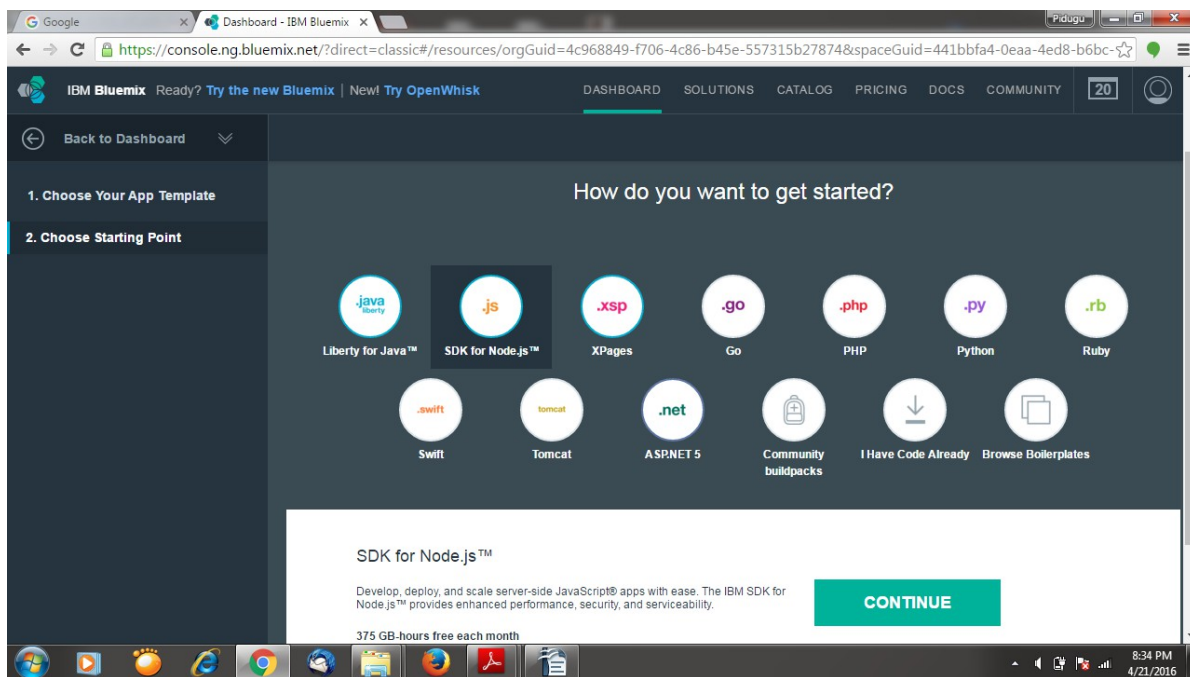
Create an app in Bluemix

The Dashboard shows an overview of the active Bluemix space for your organization. By default, the space is dev and the organization is the project creator's user name.

If you create other organizations or spaces in Bluemix, be sure to use the default selections .
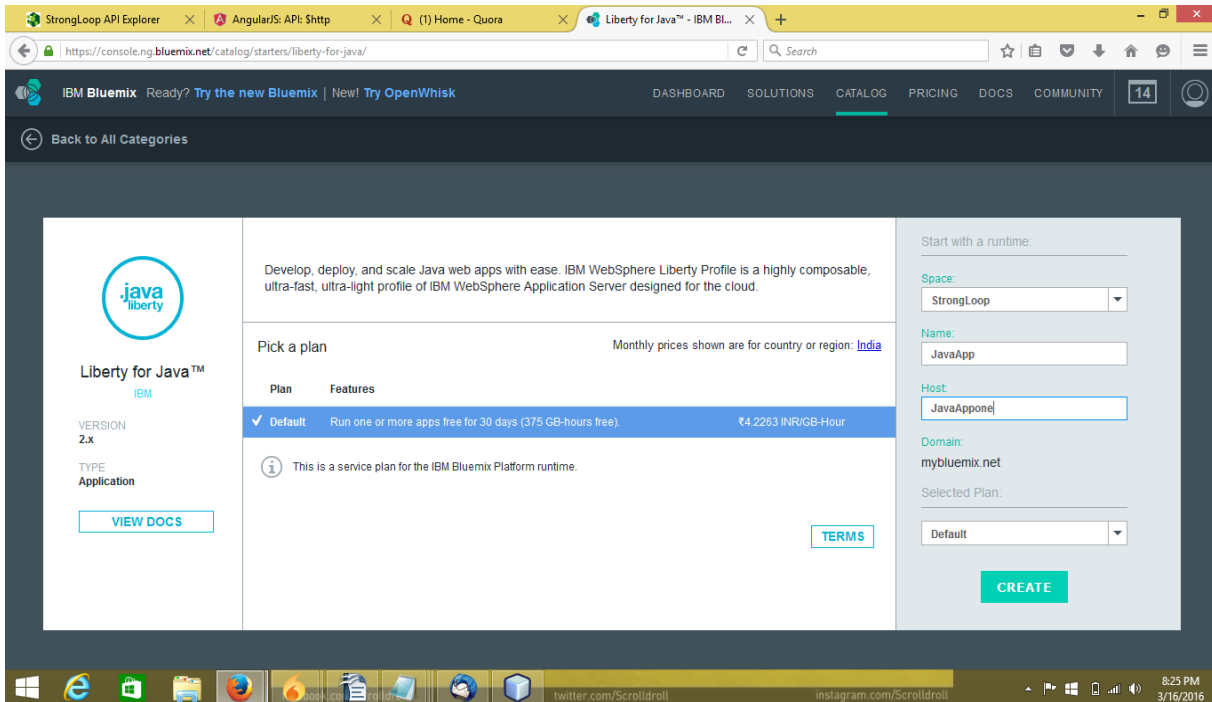
Create the app
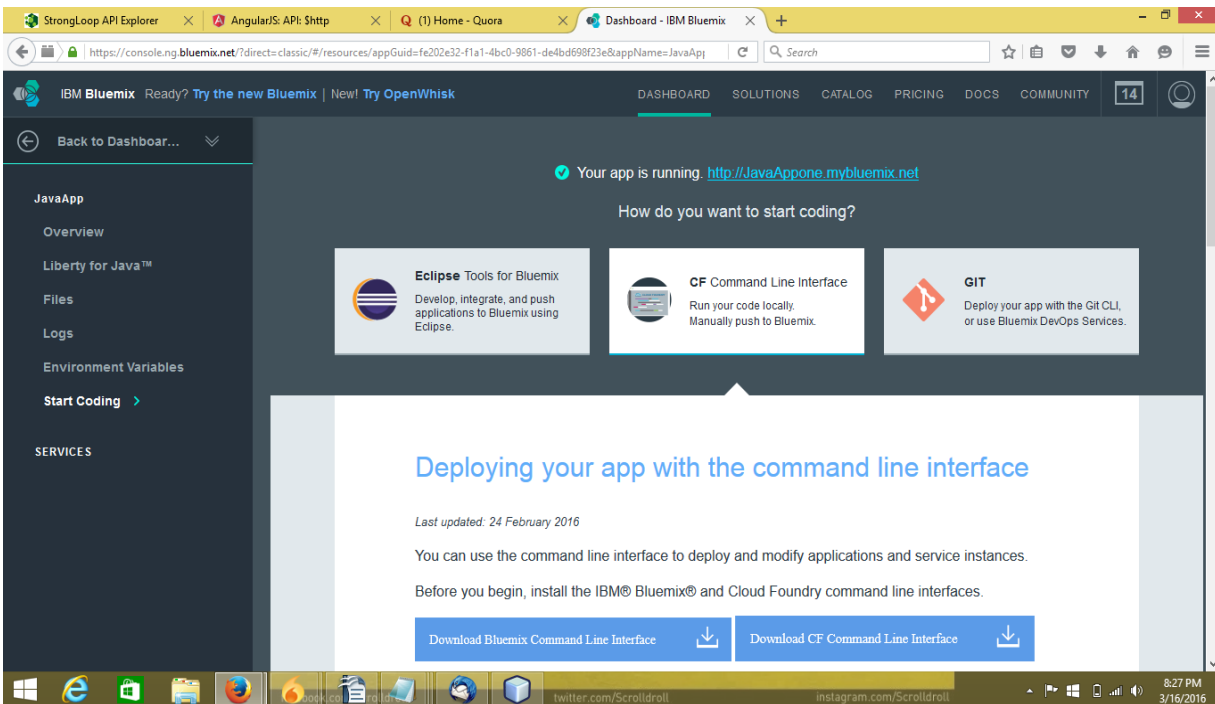
1. To CREATE AN APP go to Catalogs-->Runtimes.

2. Click **Sdk for node js**.

3. In the widget opened type a unique name for your app as below.

4. Click **Create**. In a few moments, when the app is staged, you'll have a Java web server app running on Bluemix.
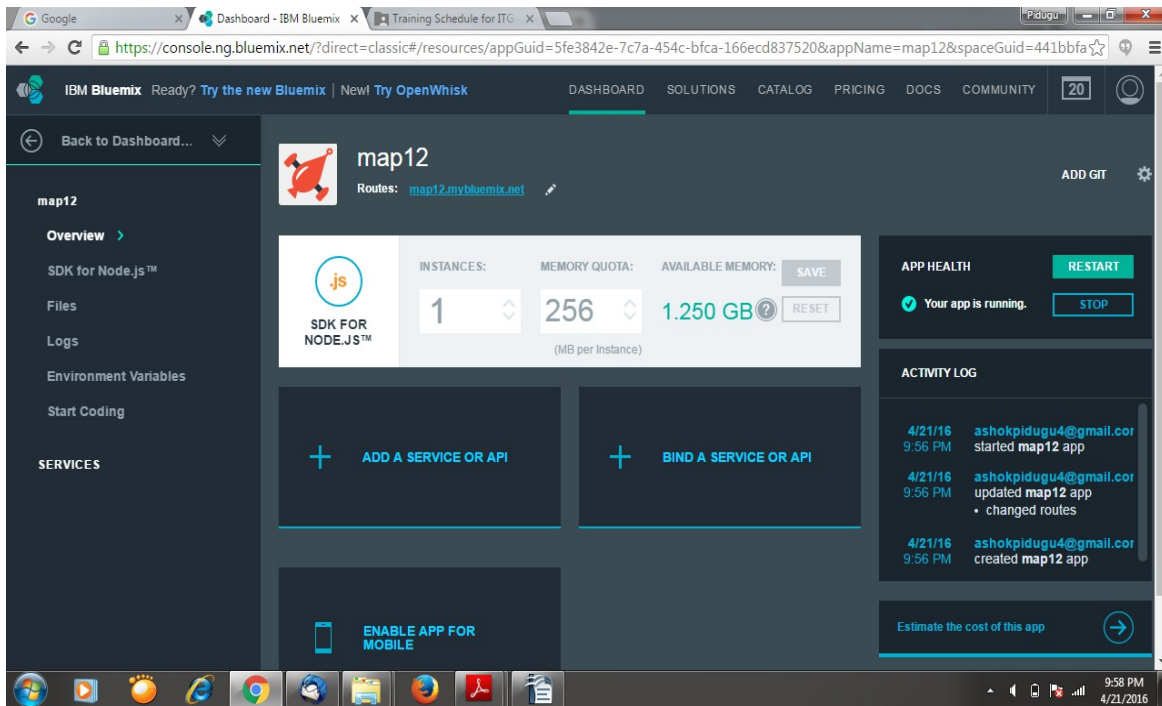
5. Click **Overview** to view information about your app:

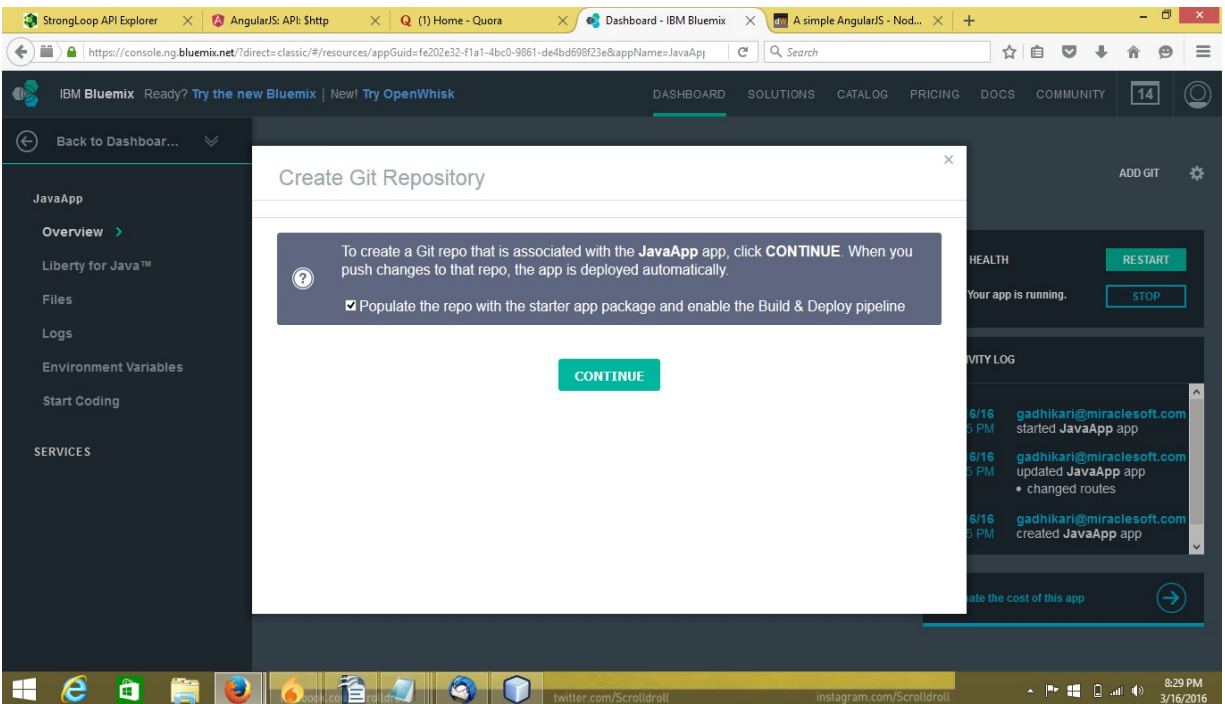6. Click the URL on the app's Dashboard to access the running Starter app: http://map12.mybluemix.net //

Create a Git repository and enable auto-deploy

You can work with your app code in many ways. For example, with auto-deploy(Provided by Dev-Ops), you can modify the code that runs in your app by pushing the changes to a Git repository.

1. On your app's Overview page, click **ADD GIT**. You might be prompted to enter your password because DevOps Services must verify that it can act on your behalf.

2.Select the **Populate the repository with the starter application package and enable Delivery Pipeline (Build & Deploy)** check box.
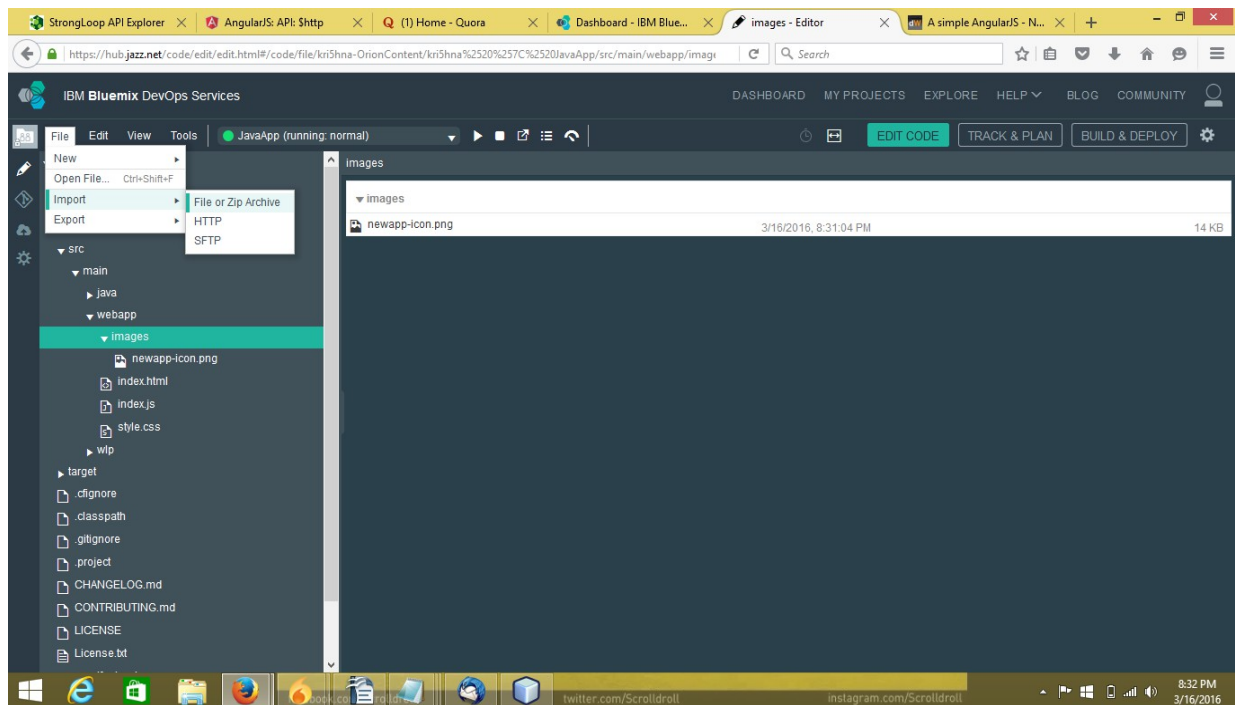
2. Click **CONTINUE**, and then click **CLOSE**. A message states that you created a Git repository and loaded it with the app starter code.

Start using DevOps Services
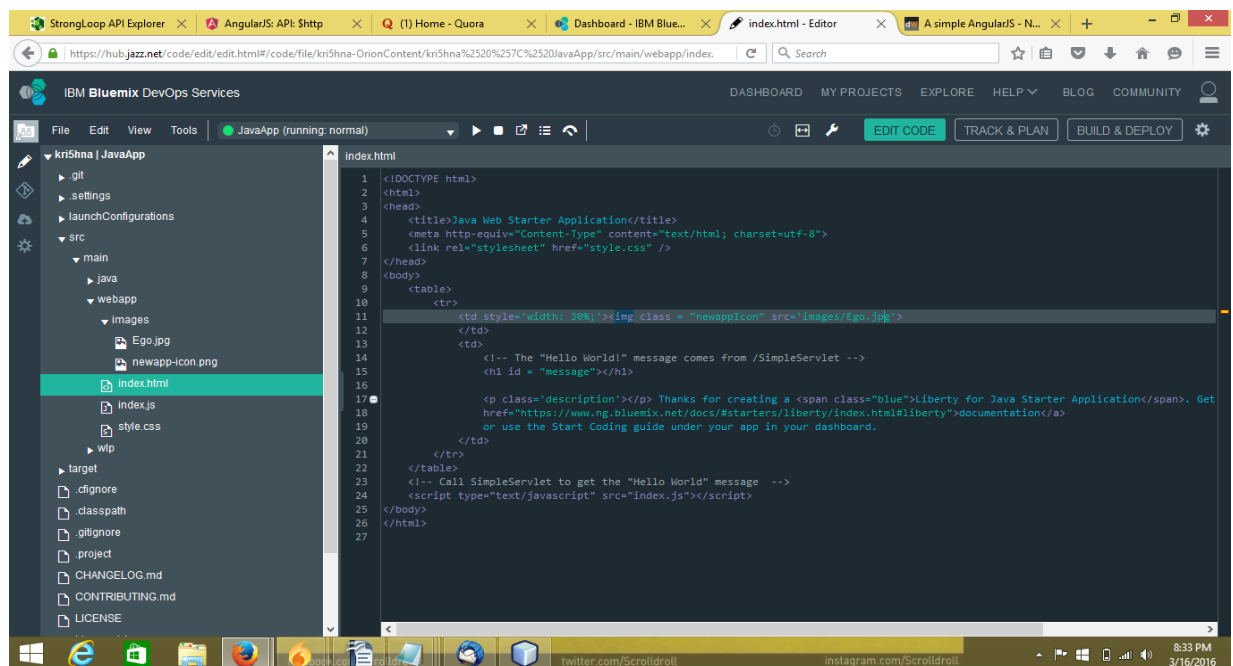
Click **EDIT CODE**.

Your Application opens in the DevOps Services Web IDE.When you click **EDIT CODE**, the sample code was loaded into this work area associated with the project, which is the project workspace.

1. To make changes to your app source code, change to the WebContent folder in the app's root directory, and open the file index.html.

2. Change some of the text in the body of the HTML.

You can make changes as you want to.

I added an Geo L ocation code and modified the responsive page.
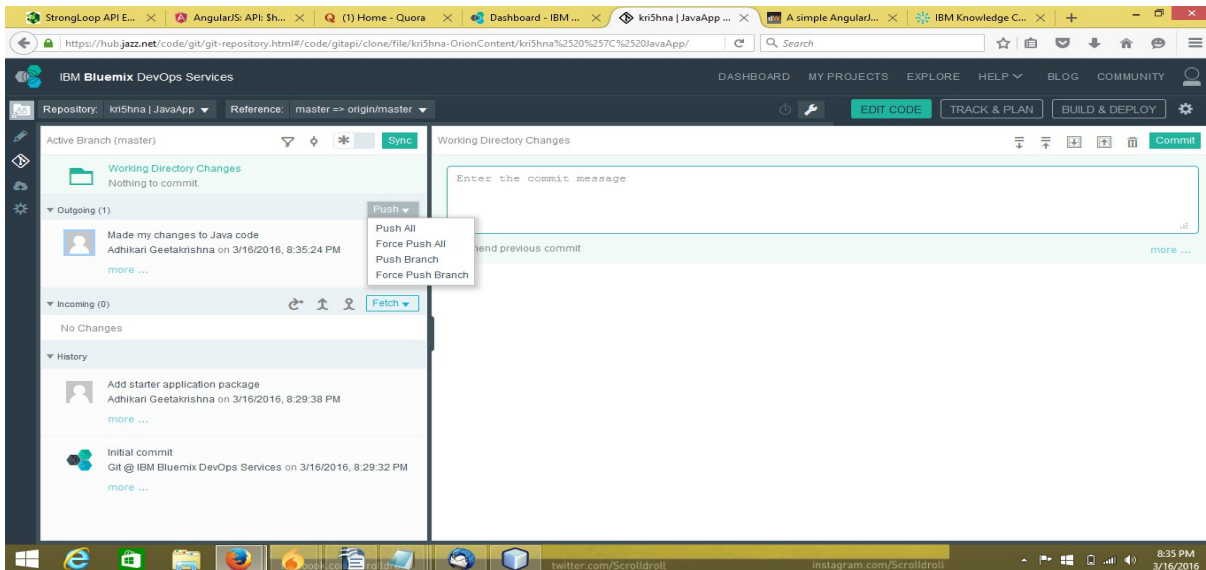

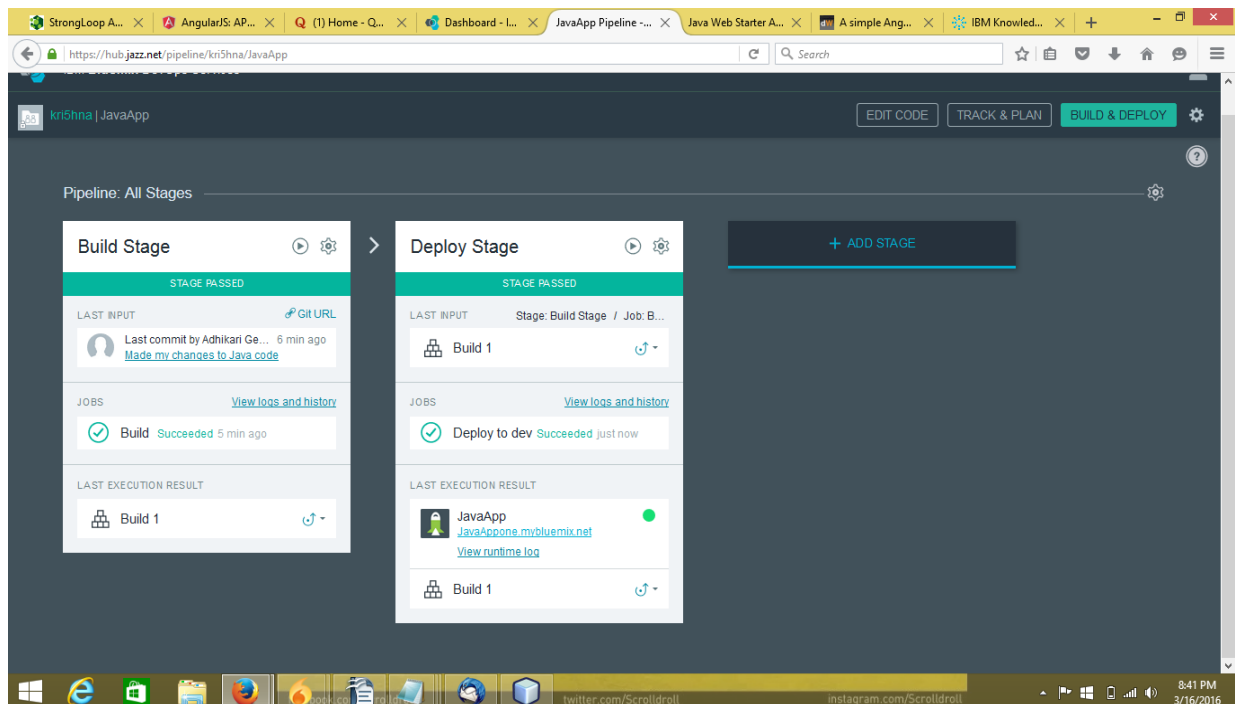## Push changes to the Git repository by using the command line

You now have a Git repository with sample code. You can use the command-line Git support to push files from your computer to the repository.

- To push changes click on GIT symbol.

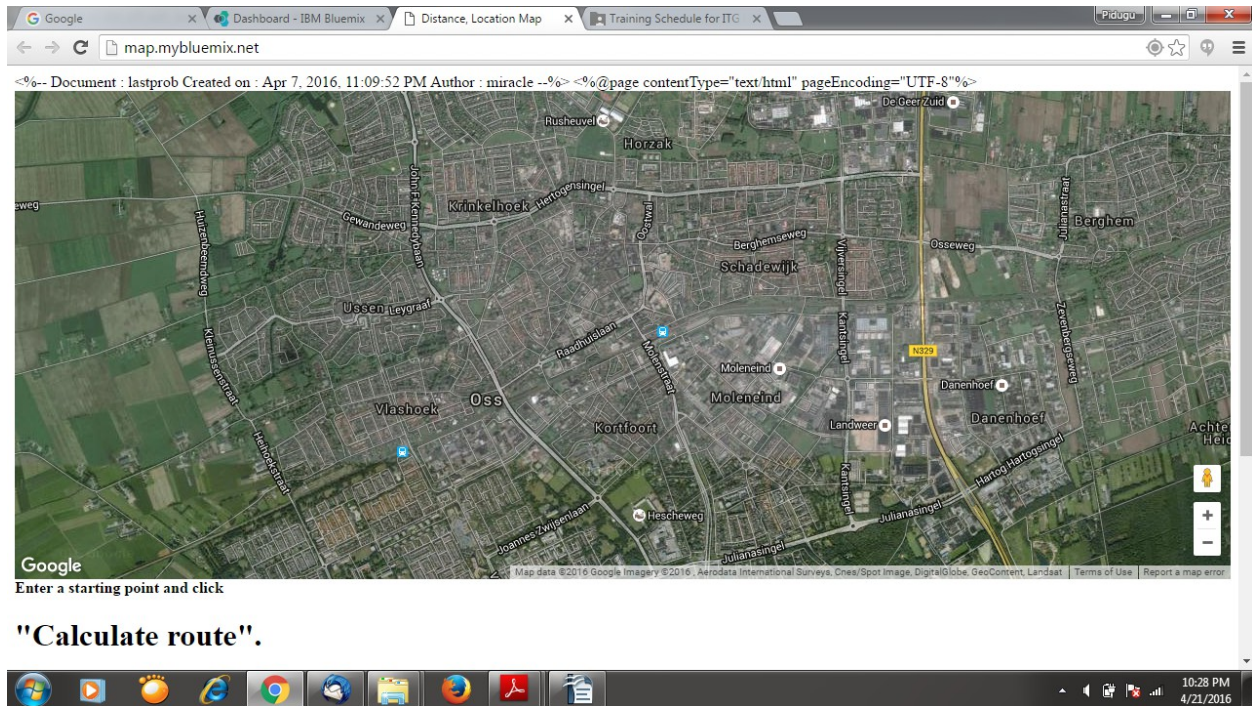- Write about changes in the empty box,click on commit.

- On the "Ongoing" widget drop down, select **PUSH.**

- In DevOps Services, click **BUILD & DEPLOY**. You can see that a new build was requested when changes were pushed to the repository.
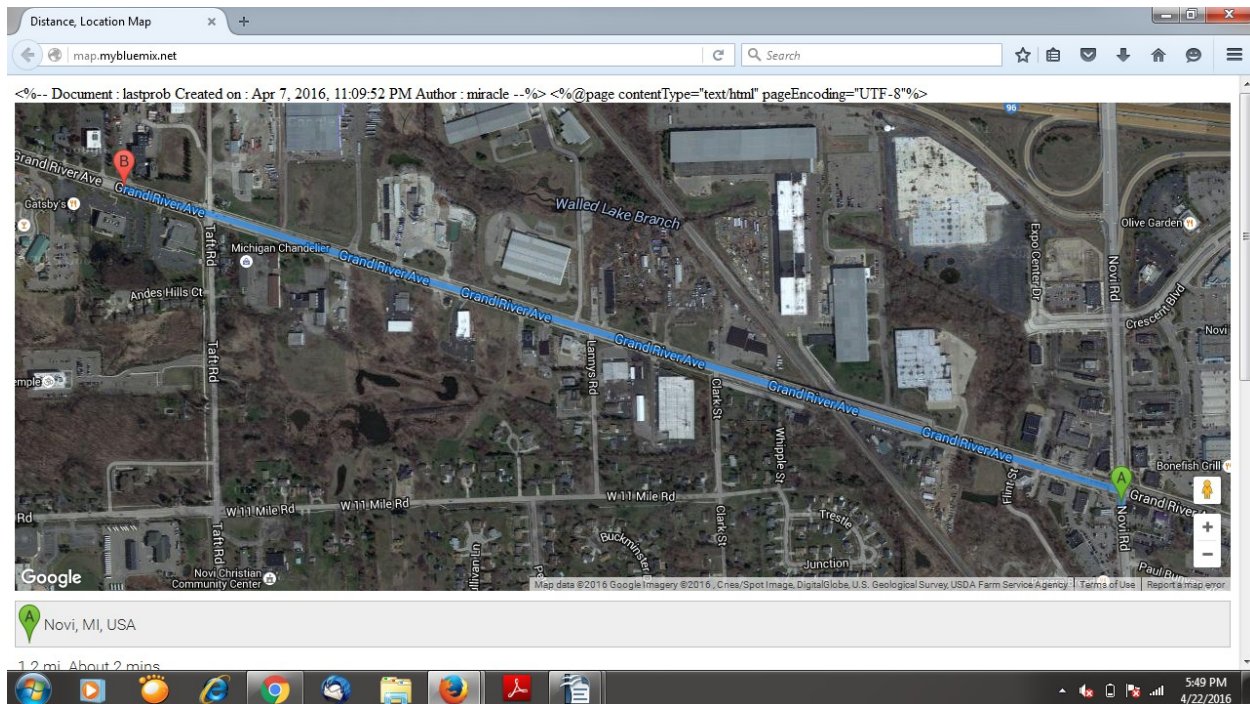

- The build is automatically triggered by the changes that you delivered to the project repository.

- When the build is finished, it is deployed to Bluemix. When the instance is running, you can view your updated app on the web.

You can continue to modify the example and push your changes to the Git repository as often as needed.

You 've got out put.