

WebSphere Liberty on BlueMix Application and DevOps

Setting up your first Liberty Java Web

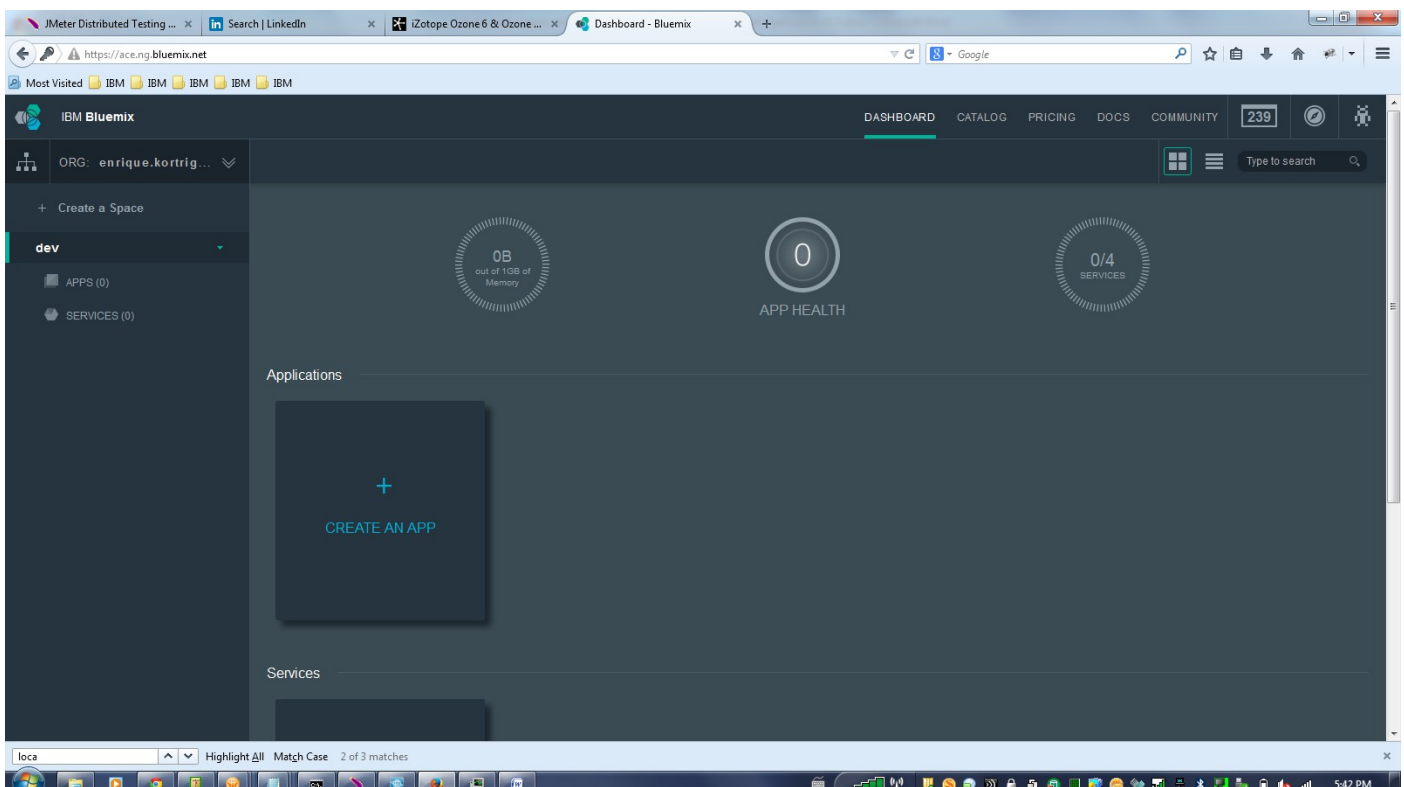
Step 1: Sign in to IBM Bluemix.

1. Go to <https://ibm.biz/bluemix4kids> and login using your IBM id (get a free IBM id if you don't have one).

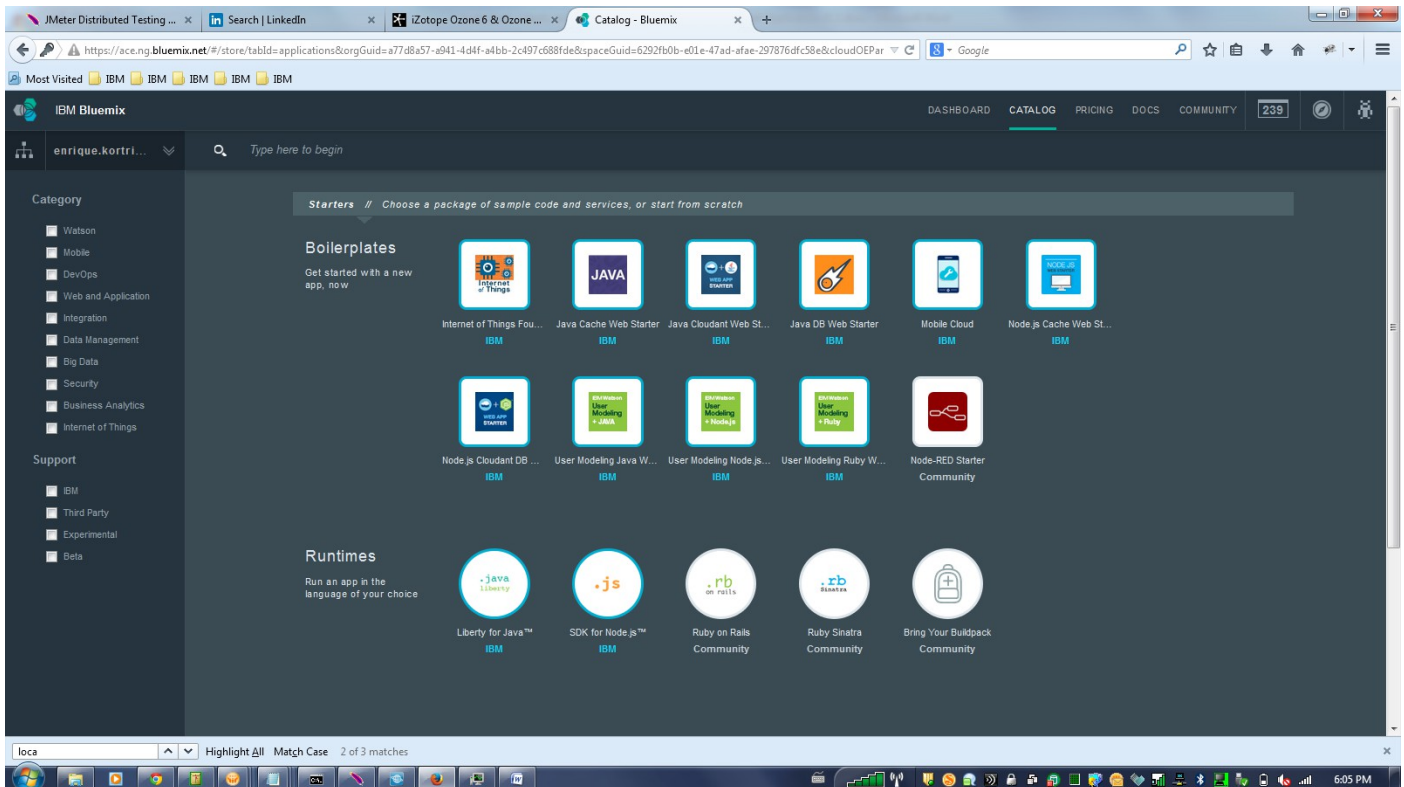


Step 2: Create your first WebSphere Liberty web application.

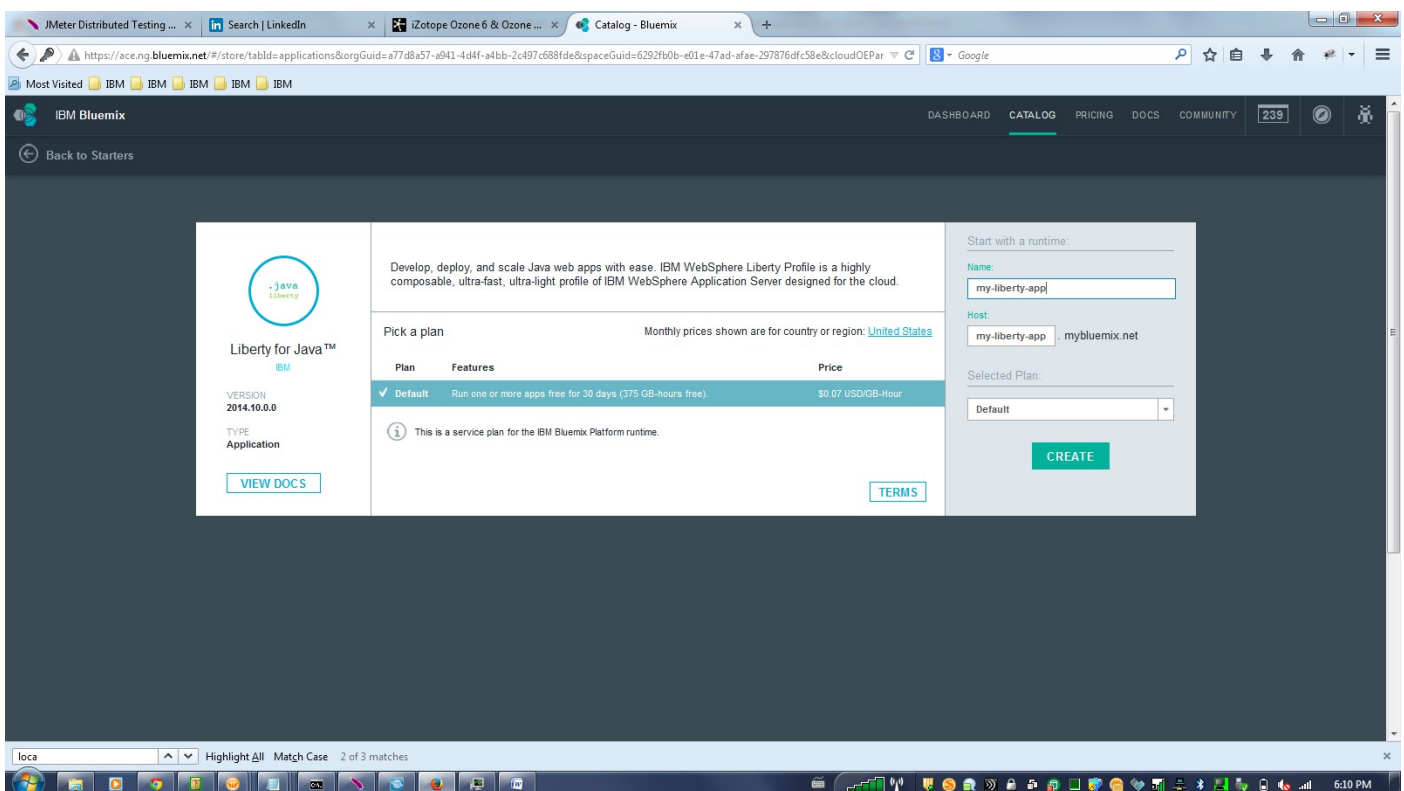
1. Click on CREATE AN APP:



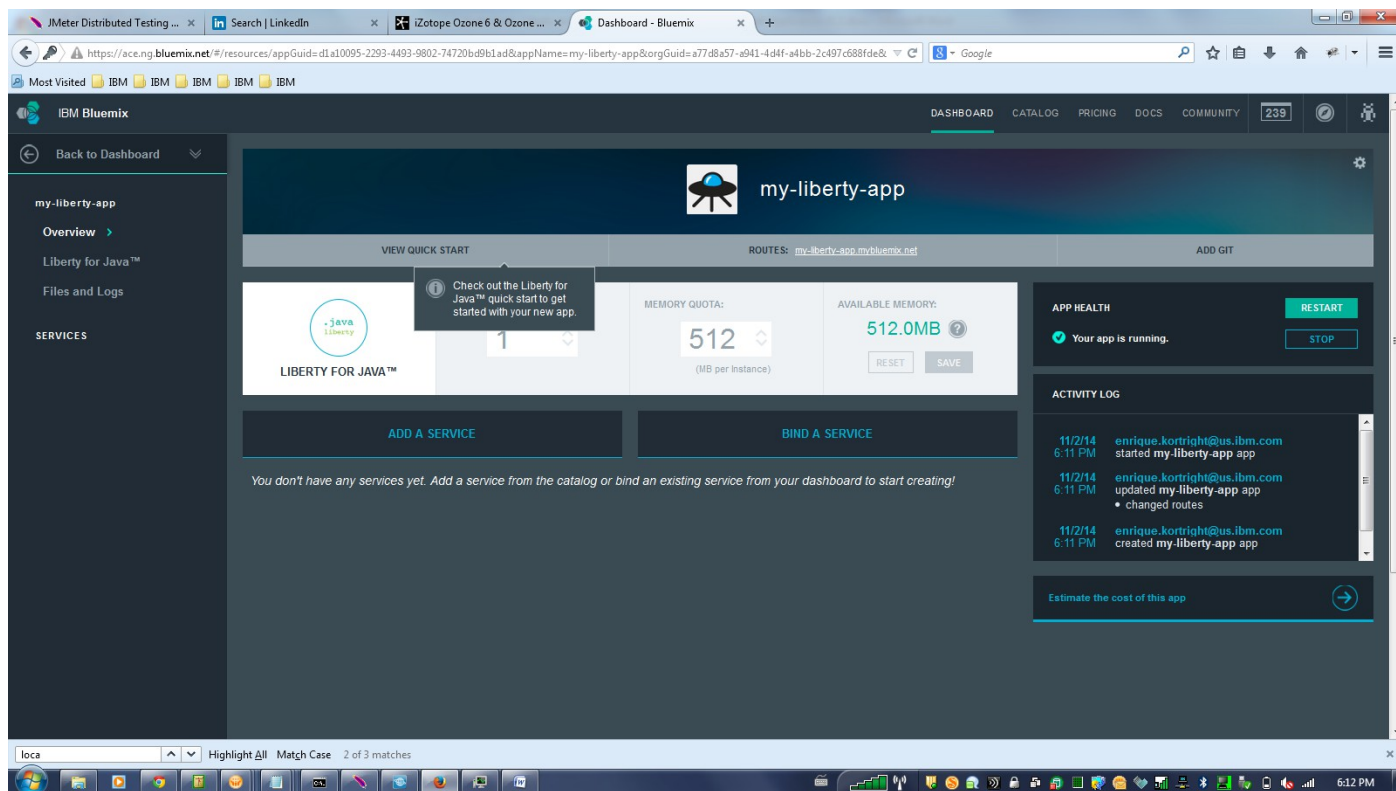
2. Select the Liberty for Java™ runtime:



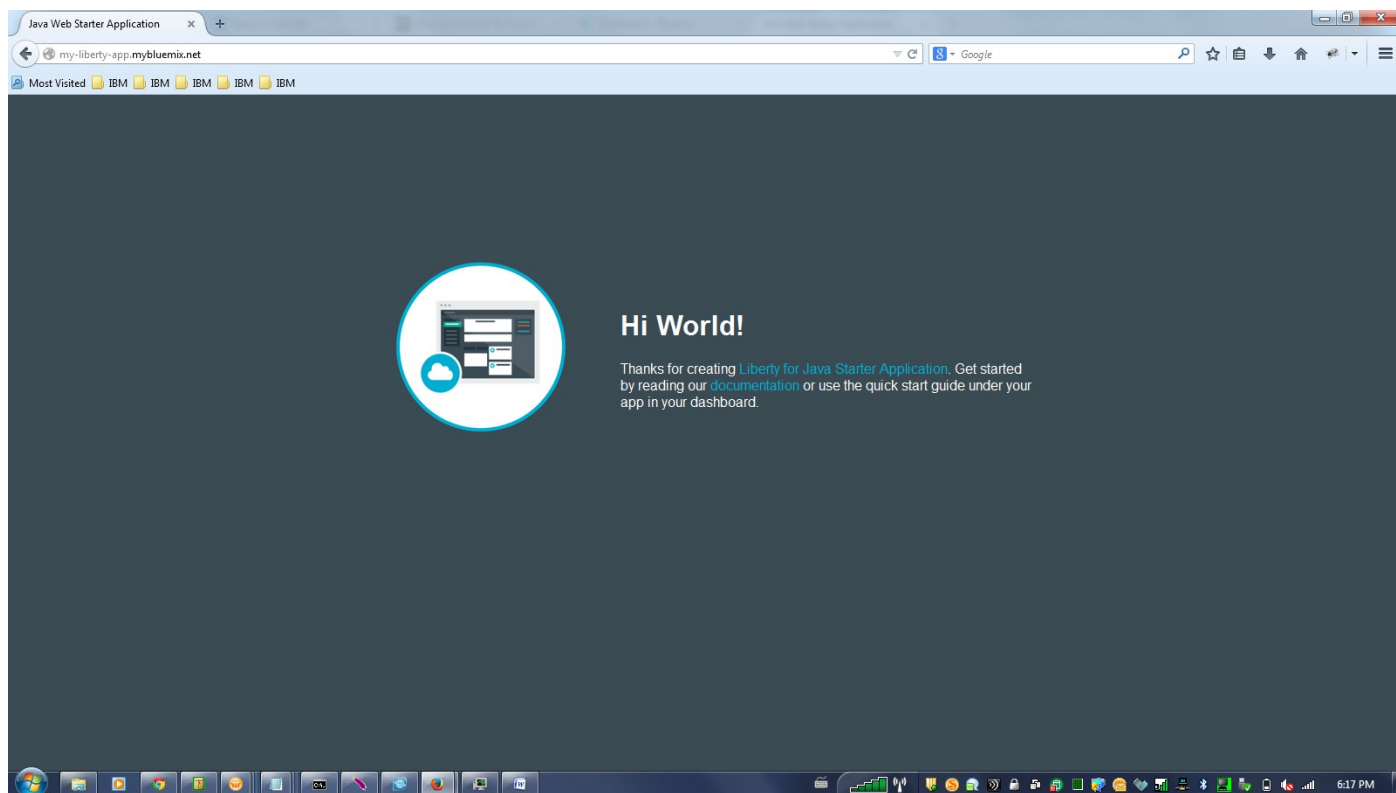
3. Enter a name for your app and let Bluemix fill in the name of the host. We will use `my-liberty-app` as the name of the app and Bluemix will fill in the name so that the URL (host) of your app will be `my-liberty-app.mybluemix.net`



4. Click CREATE. Bluemix will create and start your Liberty app:



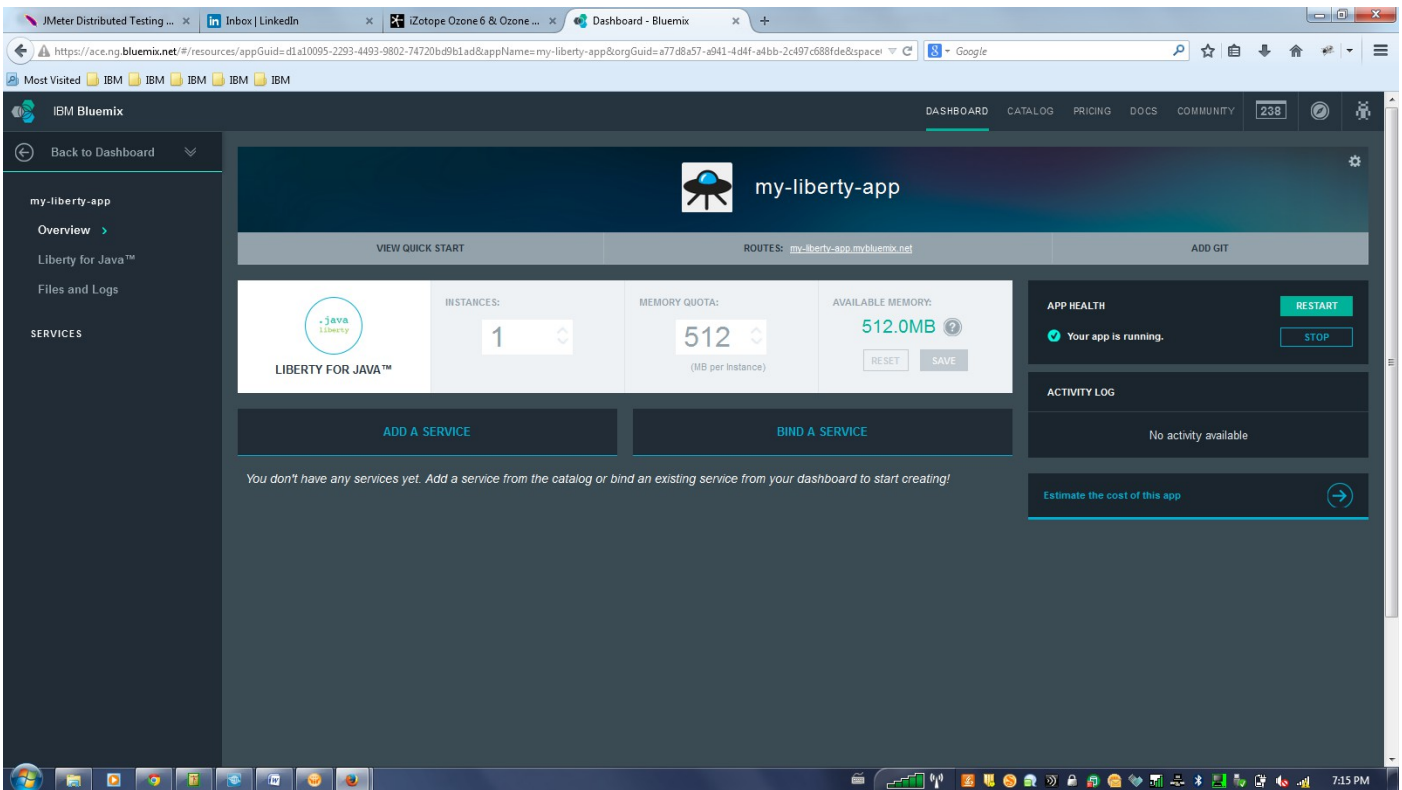
- That's it! Your app is running and you can launch it by entering the URL <http://my-liberty-app.mybluemix.net> in any web browser (or by clicking on the link in the ROUTES section of the Bluemix app screen). You will see the default welcome page displayed by your Liberty web app. Once we finish setting up the app and add code management support on the cloud, you will add new pages to the app.



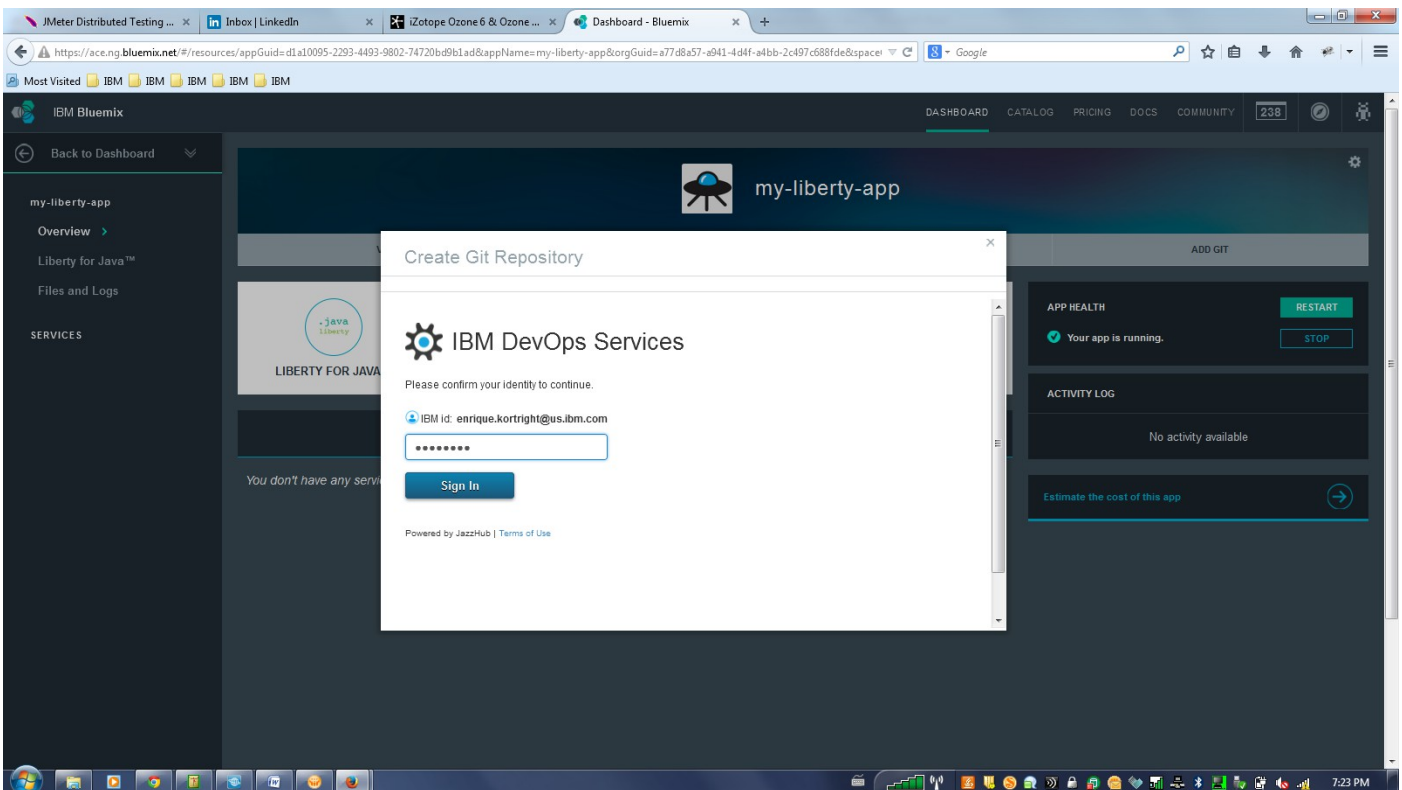
Step 3: Add DevOps to your web application.

To code your own pages, you will need to add development features to your WebSphere Liberty app. These cloud features are known as DevOps and will allow you to code and modify your web pages and push them almost instantly to your WebSphere Liberty host.

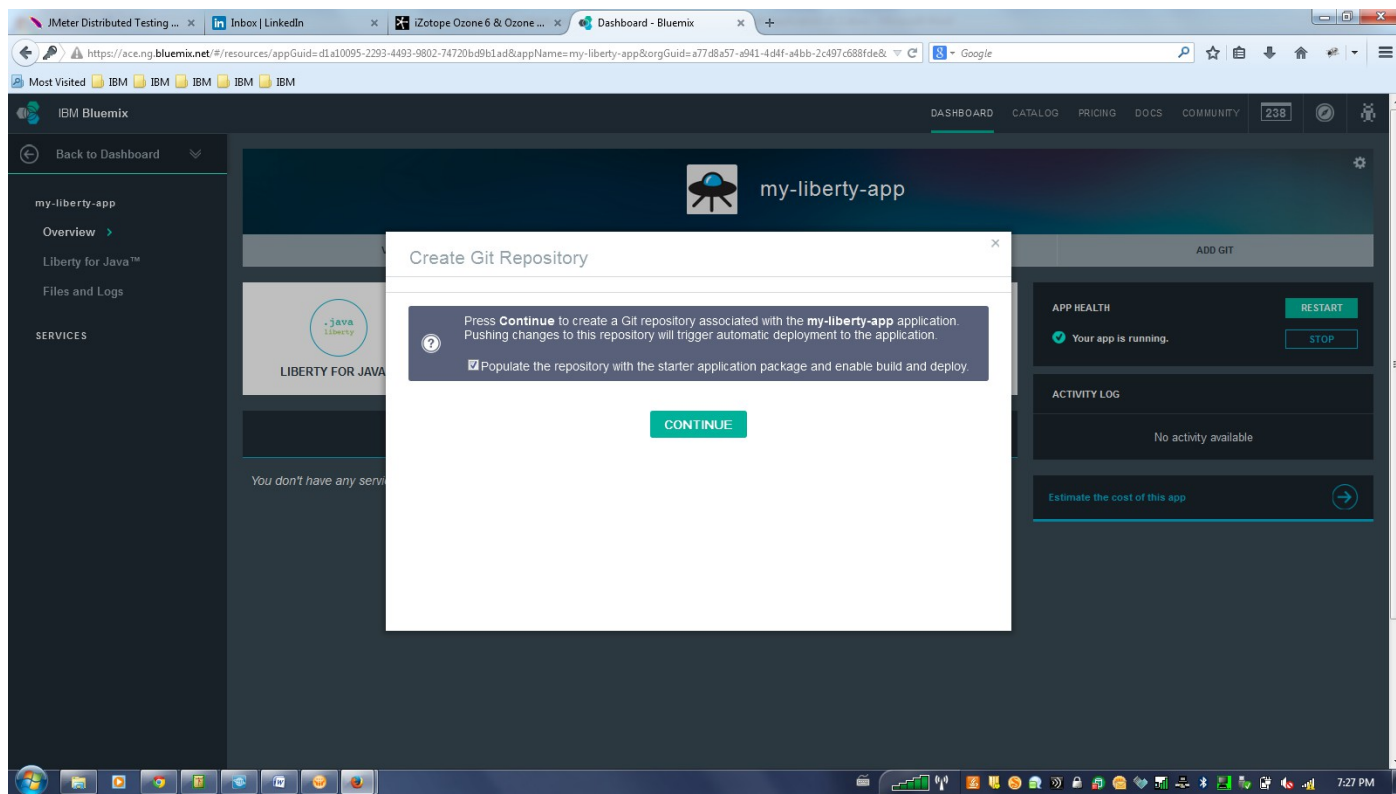
1. Click **ADD GIT** to add Git support to your app. Git will help you manage your code and all of its versions.



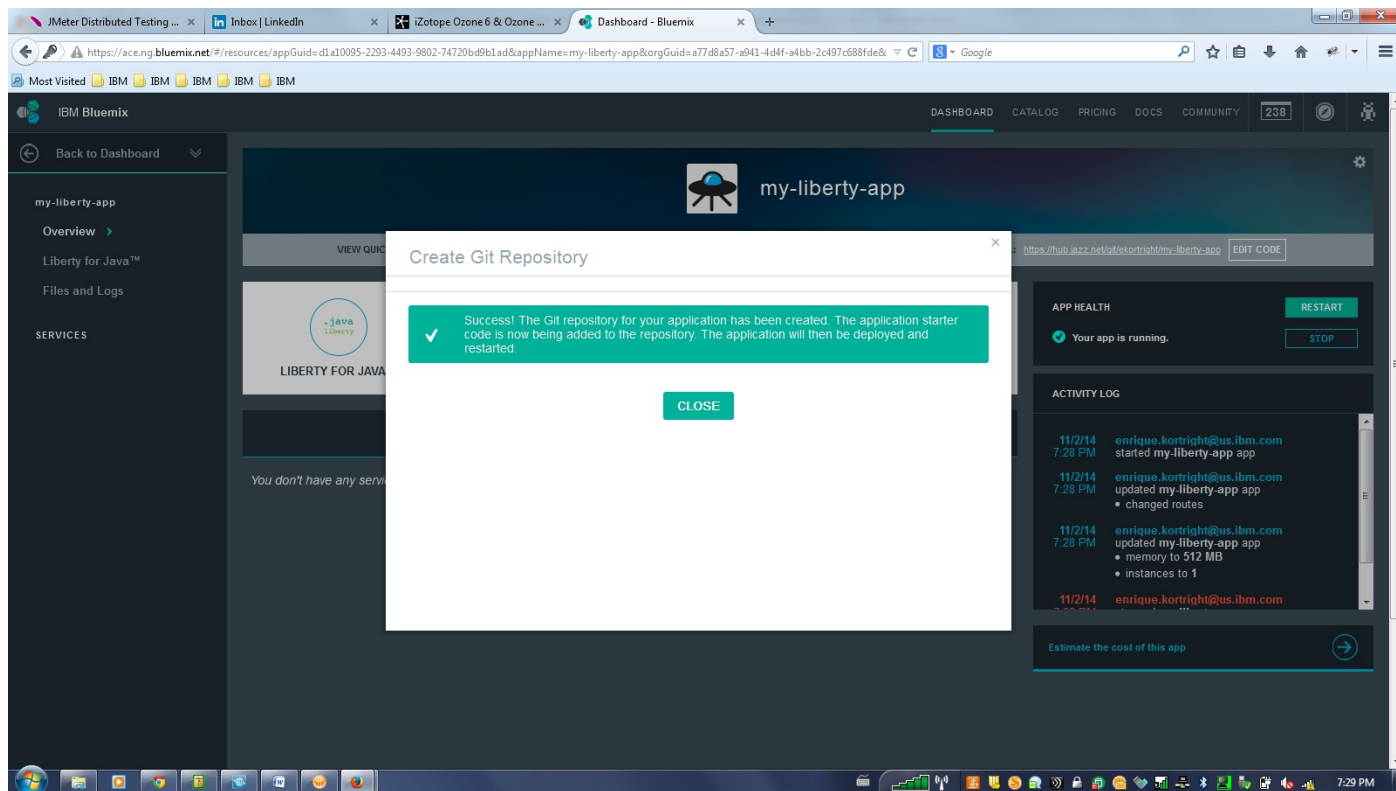
2. Sign in to your IBM DevOps account (create an account with your IBM id if you don't have one yet):



3. Click **CONTINUE** to create the Git code management repository for your web application. Make sure the option to populate the repository is checked. This will setup a project area for your app and will enable build and deploy functionality:



4. Once the Git repository creation completes you will see the following confirmation message:



5. Click **CLOSE**. Your project is all setup in IBM DevOps and web application is now ready for editing. Note the URL for your Git repository on jazz.net:

JMeter Distributed Testing ...

Inbox | LinkedIn

iZotope Ozone 6 & Ozone ...

Dashboard - Bluemix

https://ace.ng.bluemix.net/#/resources/appGuide=d1a10095-2293-4493-9802-74720b89b1ad&appName=my-liberty-app&orgGuid=a77d8a57-a941-4d4f-a4bb-2c497c688fde& Google

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IBM Bluemix

DASHBOARD CATALOG PRICING DOCS COMMUNITY 238

Back to Dashboard

my-liberty-app

Overview

Liberty for Java™

Files and Logs

SERVICES

my-liberty-app

VIEW QUICK START ROUTES: my-liberty-app.mybluemix.net GIT URL: https://github.com/ibm-consulting-labs/my-liberty-app EDIT CODE

LIBERTY FOR JAVA™

INSTANCES: 1

MEMORY QUOTA: 512 (MB per Instance)

AVAILABLE MEMORY: 512.0MB

ADD A SERVICE

BIND A SERVICE

You don't have any services yet. Add a service from the catalog or bind an existing service from your dashboard to start creating!

APP HEALTH

RESTART STOP

Your app is running.

ACTIVITY LOG

11/2/14 7:28 PM enrique.kortright@us.ibm.com started my-liberty-app app

11/2/14 7:28 PM enrique.kortright@us.ibm.com updated my-liberty-app app

- changed routes

11/2/14 7:28 PM enrique.kortright@us.ibm.com updated my-liberty-app app

- memory to 512 MB
- instances to 1

11/2/14 7:28 PM enrique.kortright@us.ibm.com

Estimate the cost of this app

7:35 PM