Getting started in a Cloud Foundry project can be a bit daunting for the new user. This article lays out the entire process of getting a simple Java servlet application working in the CenturyLink Cloud platform. I will walk through the entire process, from signup to working code. The article assumes that you are familiar with Java servlet programming, and the MySQL database.

To execute this code, you will need a few java libraries available. The code was built on Java 1.7. You need:

* The MySQL jdbc connector, which is available here: <https://dev.mysql.com/downloads/connector/j/5.1.html>. This needs to be installed in your JAVA\_CLASSPATH.
* The org.json library, which is available here: <http://central.maven.org/maven2/org/json/json/20140107/json-20140107.jar>. This is the version for Java 1.7.

The code is available at <Github URL>. You should clone this code to your local machine. If you are unfamiliar with github, I recommend getting the GUI client here: <https://desktop.github.com/>, and reading the instructions here: <https://help.github.com/articles/fork-a-repo/>. I will be providing detailed examples showing how to do this.

You also need to install the Cloud Foundry Command Line tools, which are obtained here: <https://github.com/cloudfoundry/cli/releases>. Download and install the correct version for your local machine.

The overall process is:

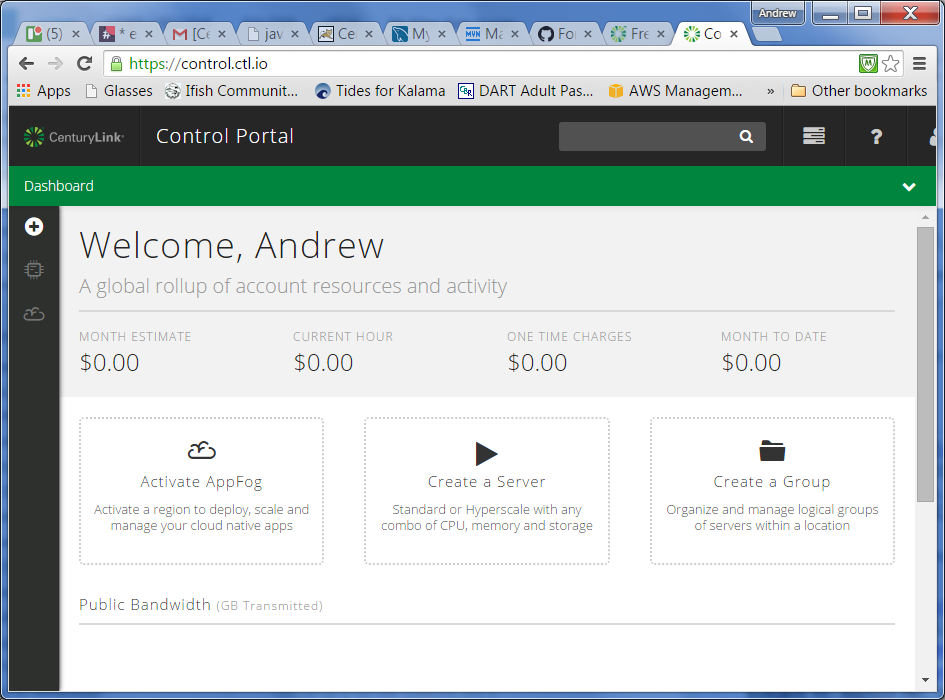
1. Create a CenturyLink Cloud account
2. Download and install the Cloud Foundry command line utilities
3. Clone the example code from github
4. Log into AppFog
5. Define a database service instance
6. Set up a database in the service instance
7. Push your application into AppFog
8. Access the application

Are you ready? Let’s start…

**Create A CenturyLink Account:**

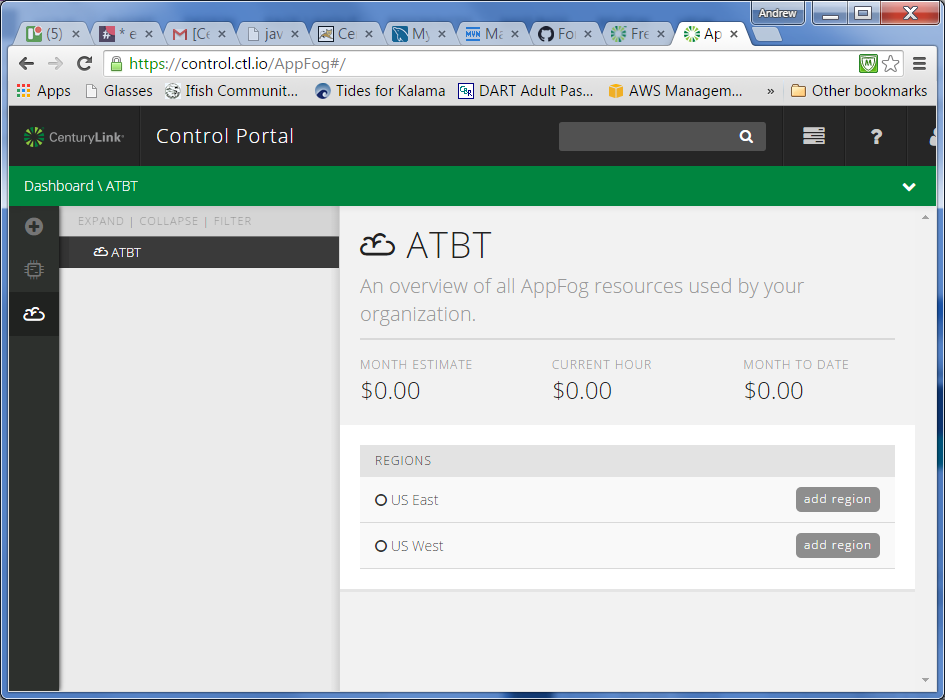
Access <https://www.ctl.io/>. Click the button to start a free trial. Enter an email address and phone number. You will be required to enter a credit card, but you will not be charged for your first 30 days’ usage. If you wish to cancel your trial without cost, <WHAT DO WE DO?>

At the end of the signup, you will receive an email with your username and a system defined password. Go to <https://control.ctl.io> and login with these credentials. When you do that, you will be given a chance to change your password, and then you should see this page:

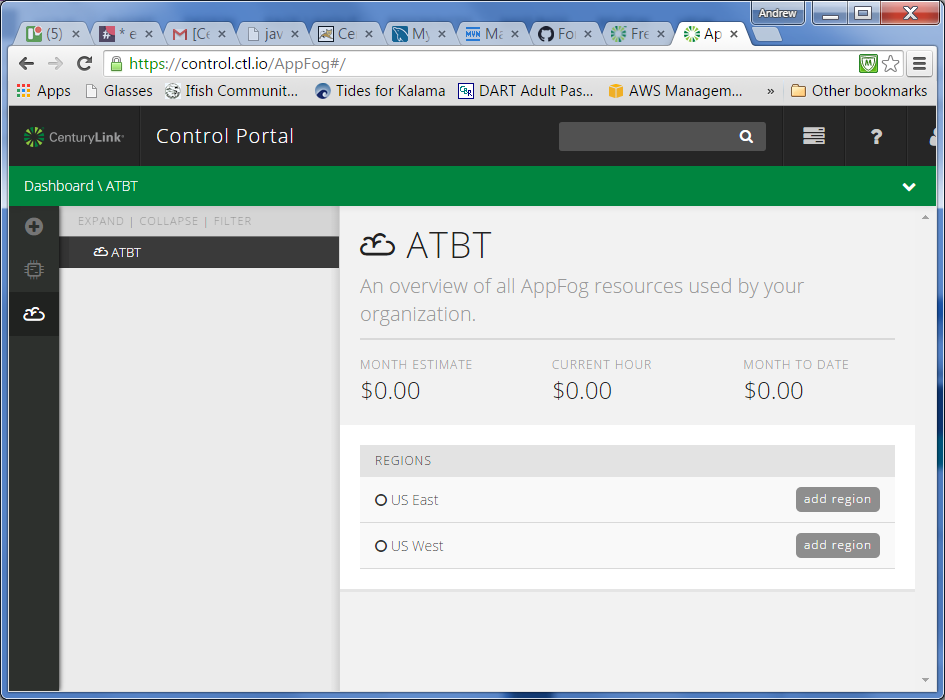


Select “Activate AppFog”.

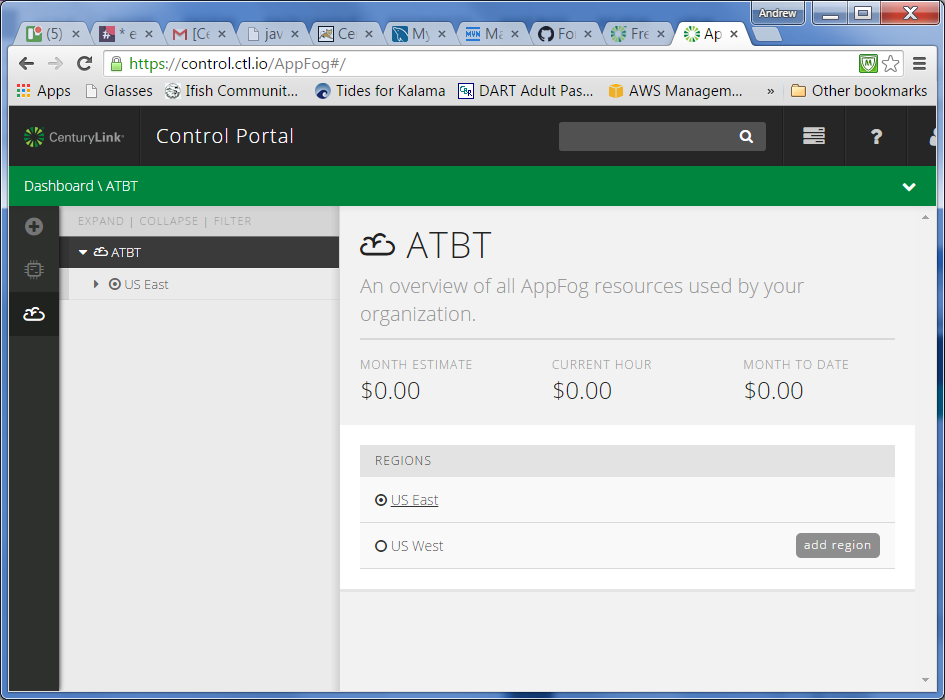
Now the page will update so that the fog icon on the left is no longer greyed out:



Select that icon, and you will see the following page:



Click the “add region” button for US East. The radio button will highlight, and the page will look as follows:



Select the “US East” link.

The will bring you to this page:

