

Server Code Deployment #60

🔒 Closed

 ppyordanov opened this issue on Dec 7, 2014 · 5 comments

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New issue

<>

🔔

PY

ppyordanov commented on Dec 7, 2014

Prototype Server code needs to be deployed in order to enable the client (Android) application to communicate with the central data store (at the moment the storage type that is being used by the mobile application is local: meaning that all of the route/ personal user information is being saved in the "cache" system directory on the device).

🏷 PY

 ppyordanov added the enhancement label on Dec 7, 2014

👤 PY

 ppyordanov self-assigned this on Dec 7, 2014

Labels

enhancement

Milestone

Mobile Web Applic...

Assignee

PY ppyordanov

Notifications

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PY

ppyordanov commented on Dec 7, 2014

In order to deploy the server code after the initial configuration, the **FileZilla FTP client** was used. I had to use an SFTP connection (Secure/SSH File Transfer Protocol) as the server would not let me connect using the regular /not so secure/ FTP I have been using for other websites that I am hosting elsewhere. I have setup an SSH key to be used for authentication but will be adding it to the server once deployment is 100% complete (using **Putty** and **PuttyGen** for public and private key generation). Using the "Interactive" login type I connected to my root directory and directly uploaded the source files (more convenient than Git at least on this stage).

- An ever-occurring issue were the timeouts that caused the need to reconnect to the server (meaning re-entering user credentials each time) every 30-50 seconds. Even after increasing the limit to 500 or 0 (disabling timeouts) those were still occurring but this might be due to a faulty router/ switch somewhere on the network. However, increasing the timeout duration is still much more convenient than the default settings.
- Before successfully running the Spring MVC application, Apache Maven needed to be installed. The deployment ran into some issues as Maven detected duplicate dependencies and there were some deprecated plugins (**maven-compiler-plugin** and **maven-surefire-plugin**) preventing it from starting; I updated those to their latest versions accordingly by checking the central Maven dependency repository <http://search.maven.org/> (there are no problems running these on localhost):

```
<plugin>
  <artifactId>maven-compiler-plugin</artifactId>
  <version>3.2</version>
  <configuration>
    <source>1.6</source>
    <target>1.6</target>
  </configuration>
</plugin>
<plugin>
  <artifactId>maven-surefire-plugin</artifactId>
  <version>2.18</version>
  <configuration>
    <includes>
      <include>/**/*.Tests.java</include>
    </includes>
  </configuration>
</plugin>
```

Once those were fixed Maven started running normally and deployment succeeded. **mvn clean install**

installed all of the dependencies from the project object model (pom.xml) successfully and was ready to run after installing the Jetty servlet: `mvn jetty:run`

- I quickly ran the 5000 samples population script : <http://178.62.100.239:8080/data>
- Then I opened the application's home page to verify it is functioning properly:
<http://178.62.100.239:8080/>



UGmap

Back to droplet

CREATE

Droplets

Images

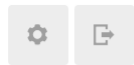
SSH Keys

Billing

Support

DNS

Apps & API



```
[INFO] Web overrides = none
[INFO] web.xml file = /var/www/src/main/webapp/WEB-INF/web.xml
[INFO] Webapp directory = /var/www/src/main/webapp
[INFO] Starting Jetty 6.1.26 ...
2014-12-07 10:57:49.156:INFO: Jetty-6.1.26
2014-12-07 10:57:49.424:INFO: No Transaction manager found - if your webapp requires one, please configure one.
2014-12-07 10:57:50.778:INFO: Set web app root system property: 'webapp.root' = [/var/www/src/main/webapp]
log4j:ERROR Could not find value for key log4j.appender.file
log4j:ERROR Could not instantiate appender named "file".
2014-12-07 10:57:51.139:INFO: Initializing log4j from [/var/www/src/main/webapp/WEB-INF/classes/log4j.properties]
log4j:ERROR Could not find value for key log4j.appender.file
log4j:ERROR Could not instantiate appender named "file".
2014-12-07 10:57:51.357:INFO: Initializing Spring FrameworkServlet 'mvc-dispatcher'
2014-12-07 10:57:51:INFO: DispatcherServlet479 - FrameworkServlet 'mvc-dispatcher': Initialization started
2014-12-07 10:57:51:INFO: XmlWebApplicationContext:513 - Refreshing WebApplicationContext for namespace 'mvc-dispatcher-servlet'
! startup date [Sun Dec 07 10:57:51 EST 2014]: root of context hierarchy
2014-12-07 10:57:51:INFO: XmlBeanDefinitionReader:316 - Loading XML bean definitions from ServletContext resource [/WEB-INF/mvc-dispatcher-servlet.xml]
2014-12-07 10:57:51:INFO: DefaultListableBeanFactory:749 - Overriding bean definition for bean 'routeRepository': replacing [Root bean: class [org.springframework.data.mongodb.repository.support.MongoRepositoryFactoryBean]; scope=: abstract=false; lazyInit=false; autowireMode=0; dependencyCheck=0; autowireCandidate=true; primary=false; factoryBeanName=null; factoryMethodName=null; initMethodName=null; destroyMethodName=null] with [Root bean: class [org.springframework.data.mongodb.repository.support.MongoRepositoryFactoryBean]; scope=: abstract=false; lazyInit=false; autowireMode=0; dependencyCheck=0; autowireCandidate=true; primary=false; factoryBeanName=null; factoryMethodName=null; initMethodName=null; destroyMethodName=null]
2014-12-07 10:57:51:INFO: DefaultListableBeanFactory:749 - Overriding bean definition for bean 'dataReadingRepository': replacing [Root bean: class [org.springframework.data.mongodb.repository.support.MongoRepositoryFactoryBean]; scope=: abstract=false; lazyInit=false; autowireMode=0; dependencyCheck=0; autowireCandidate=true; primary=false; factoryBeanName=null; factoryMethodName=null; initMethodName=null; destroyMethodName=null] with [Root bean: class [org.springframework.data.mongodb.repository.support.MongoRepositoryFactoryBean]; scope=: abstract=false; lazyInit=false; autowireMode=0; dependencyCheck=0; autowireCandidate=true; primary=false; factoryBeanName=null; factoryMethodName=null; initMethodName=null; destroyMethodName=null]
2014-12-07 10:57:51:INFO: DefaultListableBeanFactory:749 - Overriding bean definition for bean 'deviceRepository': replacing [Root bean: class [org.springframework.data.mongodb.repository.support.MongoRepositoryFactoryBean]; scope=: abstract=false; lazyInit=false; autowireMode=0; dependencyCheck=0; autowireCandidate=true; primary=false; factoryBeanName=null; factoryMethodName=null; initMethodName=null; destroyMethodName=null] with [Root bean: class [org.springframework.data.mongodb.repository.support.MongoRepositoryFactoryBean]; scope=: abstract=false; lazyInit=false; autowireMode=0; dependencyCheck=0; autowireCandidate=true; primary=false; factoryBeanName=null; factoryMethodName=null; initMethodName=null; destroyMethodName=null]
2014-12-07 10:57:55:INFO: SimpleHandlerMapping:315 - Mapped URL path [/resources/*] onto handler 'org.springframework.web.servlet.resource.ResourceHttpRequestHandler#0'
2014-12-07 10:57:55:INFO: RequestMappingHandlerMapping:197 - Mapped "{[/data],methods=[],params=[],headers=[],consumes=[],produces=[],custom=[]}" onto public java.lang.String com.springapp.mvc.controllers.HomeController.dataPopulation(org.springframework.ui.ModelMap)
2014-12-07 10:57:55:INFO: RequestMappingHandlerMapping:197 - Mapped "{[/],methods=[GET],params=[],headers=[],consumes=[],produces=[],custom=[]}" onto public java.lang.String com.springapp.mvc.controllers.HomeController.printWelcome(org.springframework.ui.ModelMap)
2014-12-07 10:57:56:INFO: DispatcherServlet:498 - FrameworkServlet 'mvc-dispatcher': Initialization completed in 5447 ms
2014-12-07 10:57:56.857:INFO: Started SelectChannelConnector#0.0.0.0:8080
[INFO] Started Jetty Server
```

If you see a black screen just click on it and click any key to activate the console window.

Public Network
IP Address: 178.62.100.239
Gateway: 178.62.64.1
Netmask: 255.255.192.0

NOTE: at the moment no domain name has been mapped to the hosting server as seen above: this is the hosting's IP address and relevant port the service is running on.

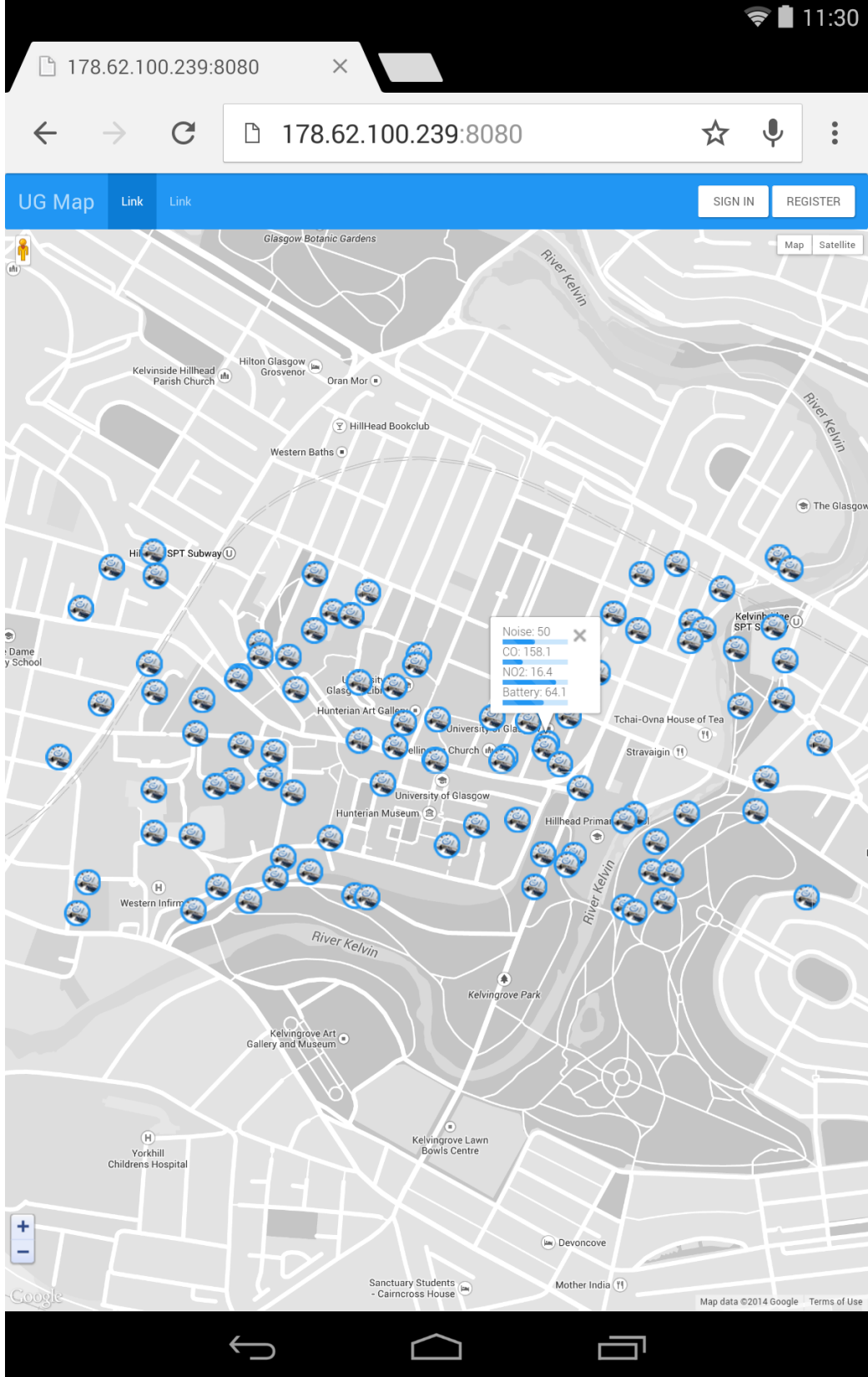
PY

ppyordanov commented on Dec 8, 2014

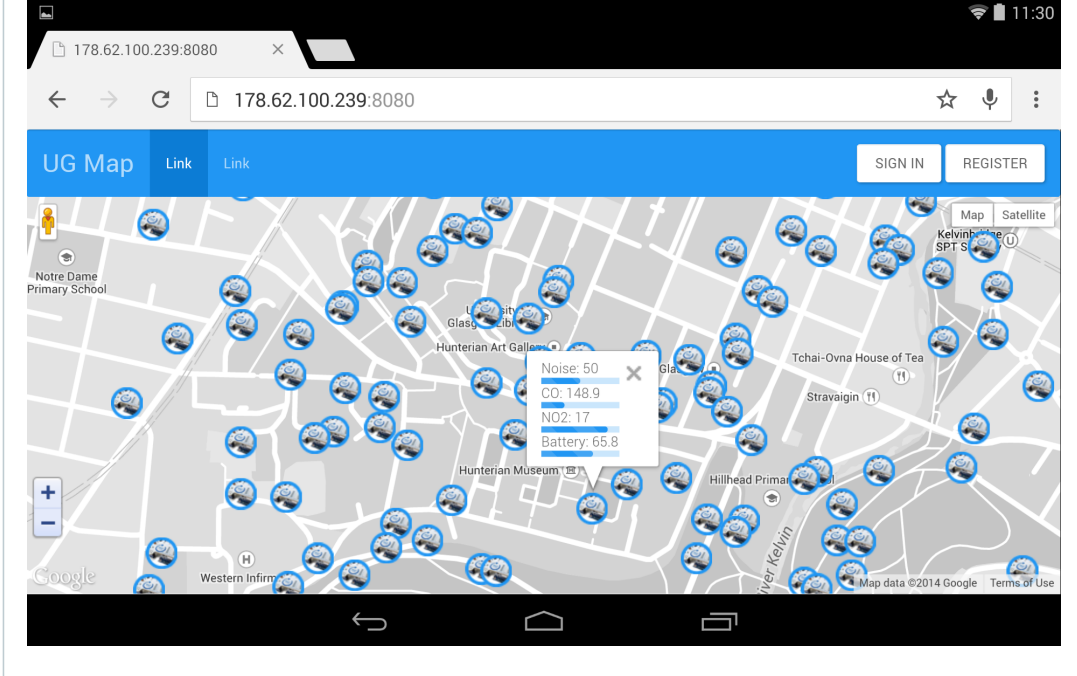


Here are some screenshots to showcase the prototype UI on a mobile device (Google Nexus 7 2013):

- V1 Portrait:



- V2 Landscape:



PY

ppyordanov commented on Dec 13, 2014

Update: the web server should be available on the its newly registered domain name (the prototype version is working as expected):

- <http://ugmap.me/>
- <http://www.ugmap.me/>

PY

ppyordanov commented on Jan 21

Update: locally implemented iteration code will be uploaded to the server

ppyordanov referenced this issue from a commit on Feb 8

[UNIT_TESTS] added query tests from repositories

558b1df

ppyordanov referenced this issue from a commit on Feb 8

UNIT TESTS

b2264db

ppyordanov referenced this issue from a commit on Feb 8

[UNIT-TESTS] added for Controller and Models, TO RUN: mvn test

a096afb

ppyordanov referenced this issue from a commit on Feb 8

[ROUTE_GENERATION_IMPROVED] route statistics ranking + color codings

e60394b

ppyordanov referenced this issue from a commit on Feb 8

[BUGFIX]

e62697e

ppyordanov referenced this issue from a commit on Feb 8

[SCREENSHOTS]

d9526aa

PY

ppyordanov commented 28 days ago

This task has been completed and can be closed now.

ppyordanov closed this 28 days ago



Write

Preview

 Markdown supported  Edit in fullscreen

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Attach images by dragging & dropping, [selecting them](#), or pasting from the clipboard.

Reopen issue

Comment

