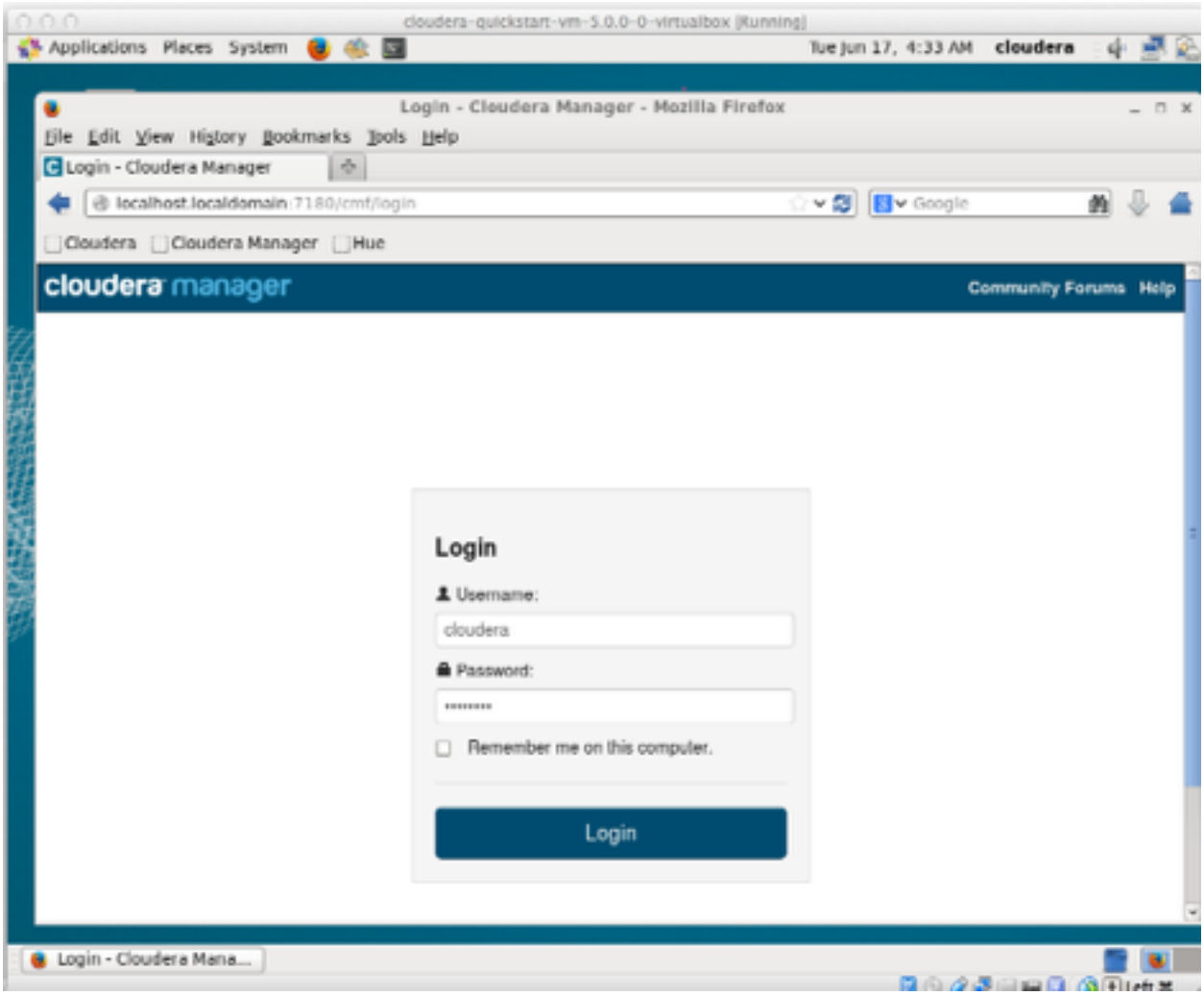
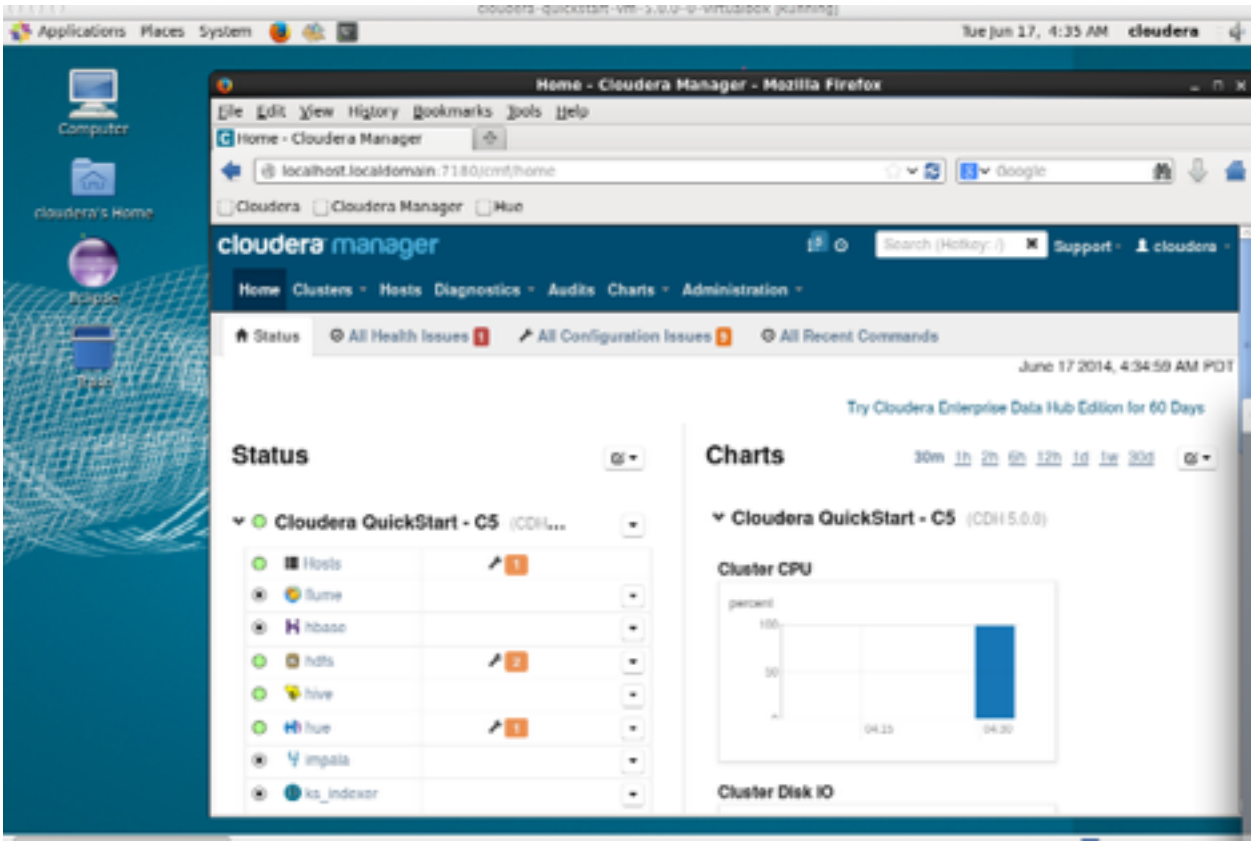
Cloudera

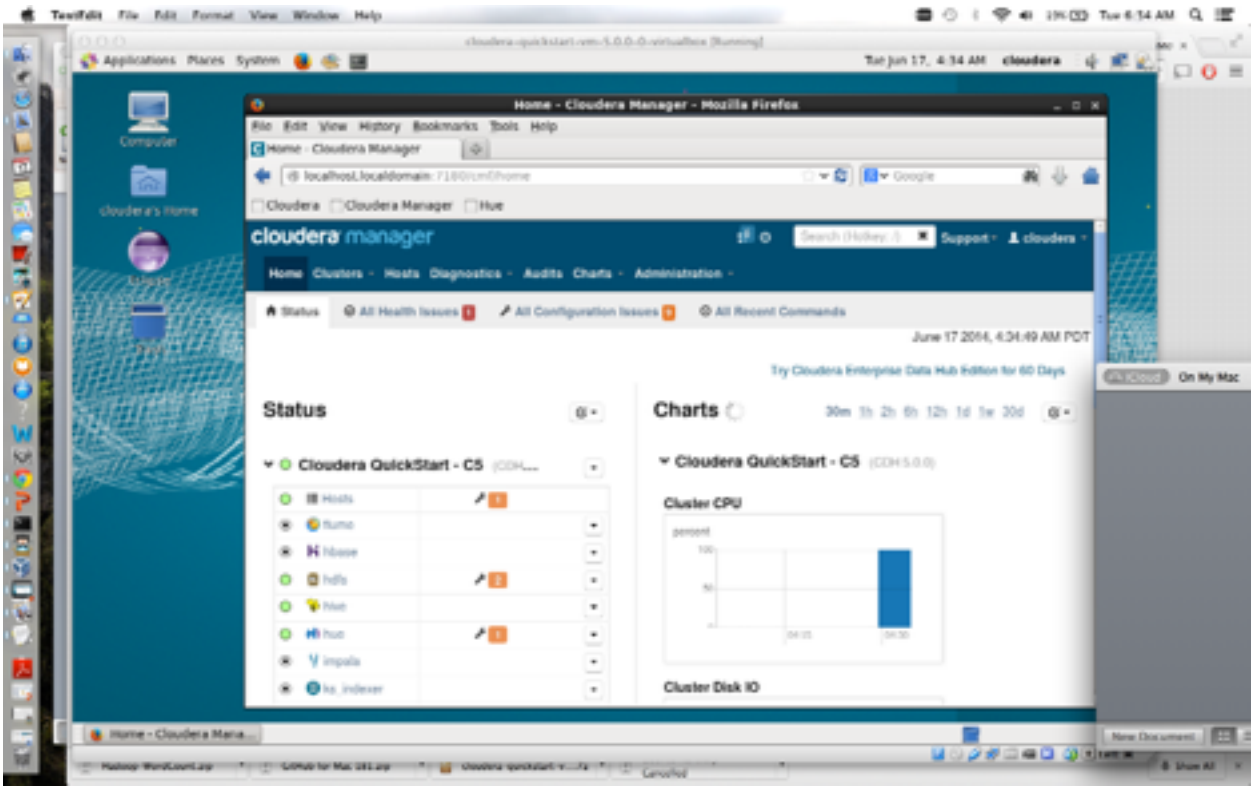
Install your own Cloudera Server

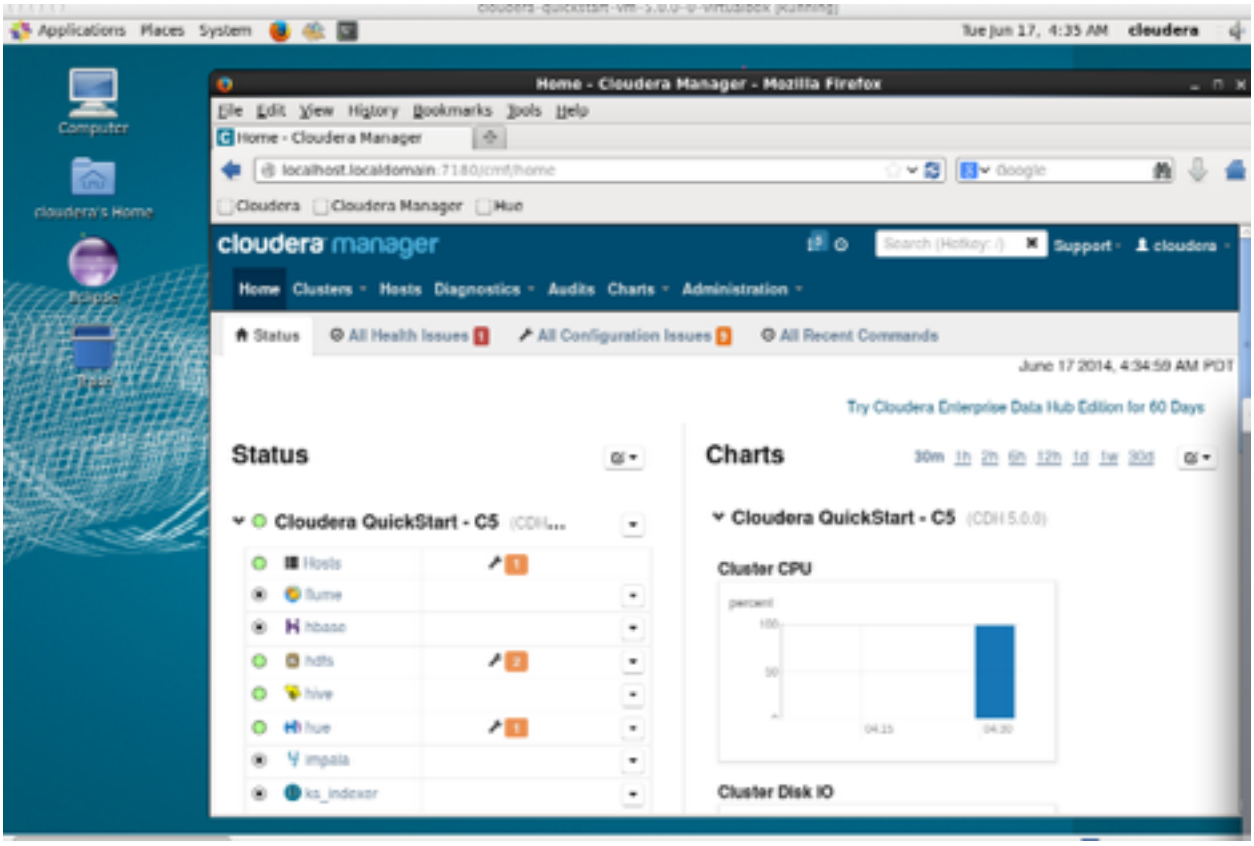
Install Oracle VM Virtualbox

Download ***cloudera-quickstart-vm-5.0.0-0-virtualbox*** installation file and install it.




Applications Places System
Tue Jun 17, 4:35 AM cloudera
Home - Cloudera Manager - Mozilla Firefox
File Edit View History Bookmarks Tools Help
Home - Cloudera Manager
localhost.localdomain:7180/cmf/home
Cloudera Cloudera Manager Hue
cloudera manager
Support cloudera
Home Clusters Hosts Diagnostics Audits Charts Administration
Status All Health Issues All Configuration Issues All Recent Commands
June 17 2014, 4:34:59 AM PDT
Try Cloudera Enterprise Data Hub Edition for 60 Days
Status
Charts
Cloudera QuickStart - C5
Cluster CPU
Cluster Disk IO


Home - Cloudera Manager - Mozilla Firefox
cloudera manager
Status
Charts
Cloudera QuickStart - C5
Cluster CPU
Cluster Disk IO

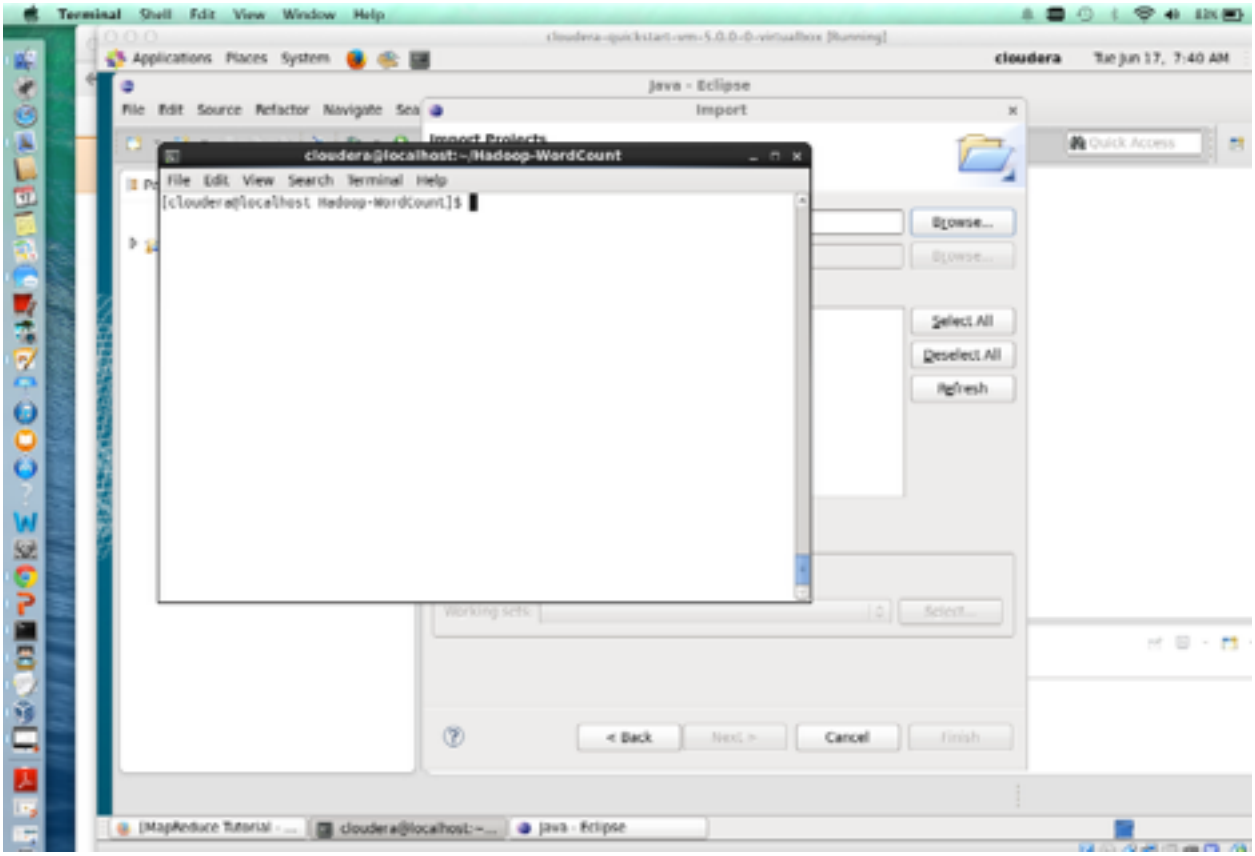


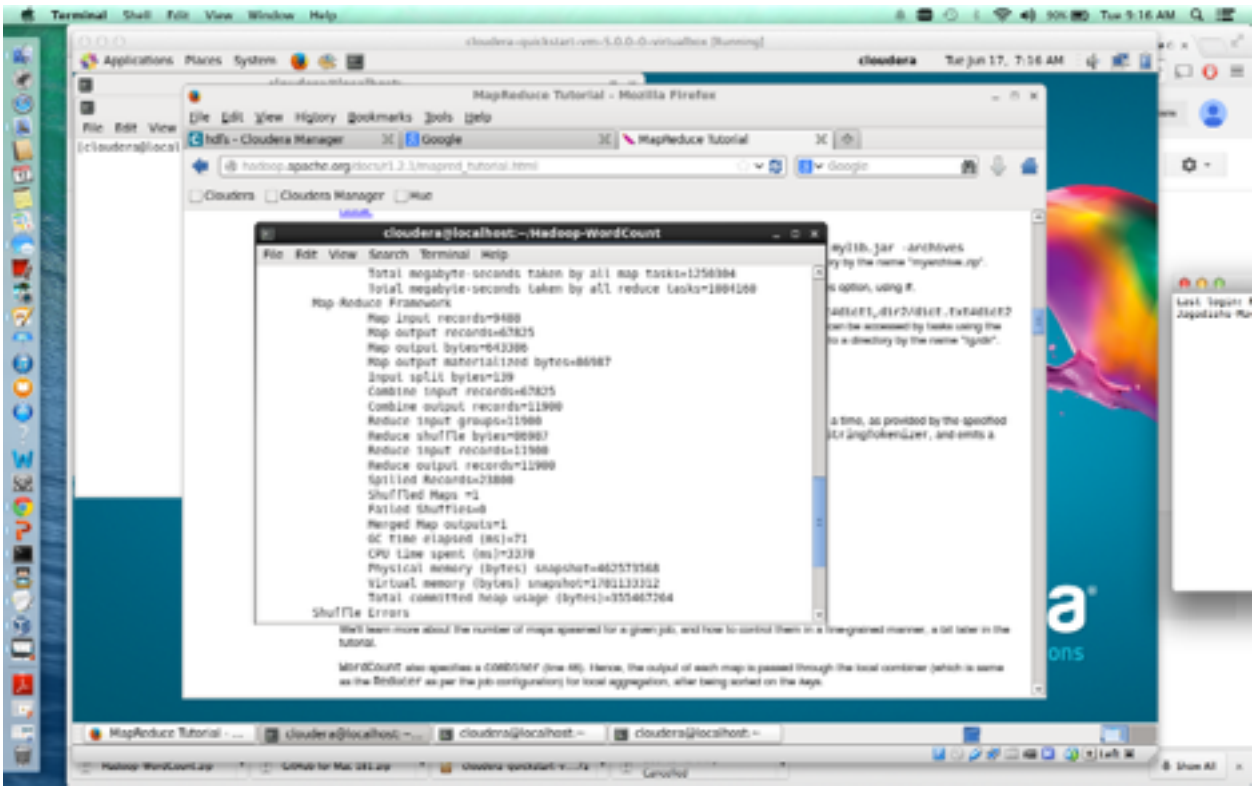
Transfer files to Cloudera

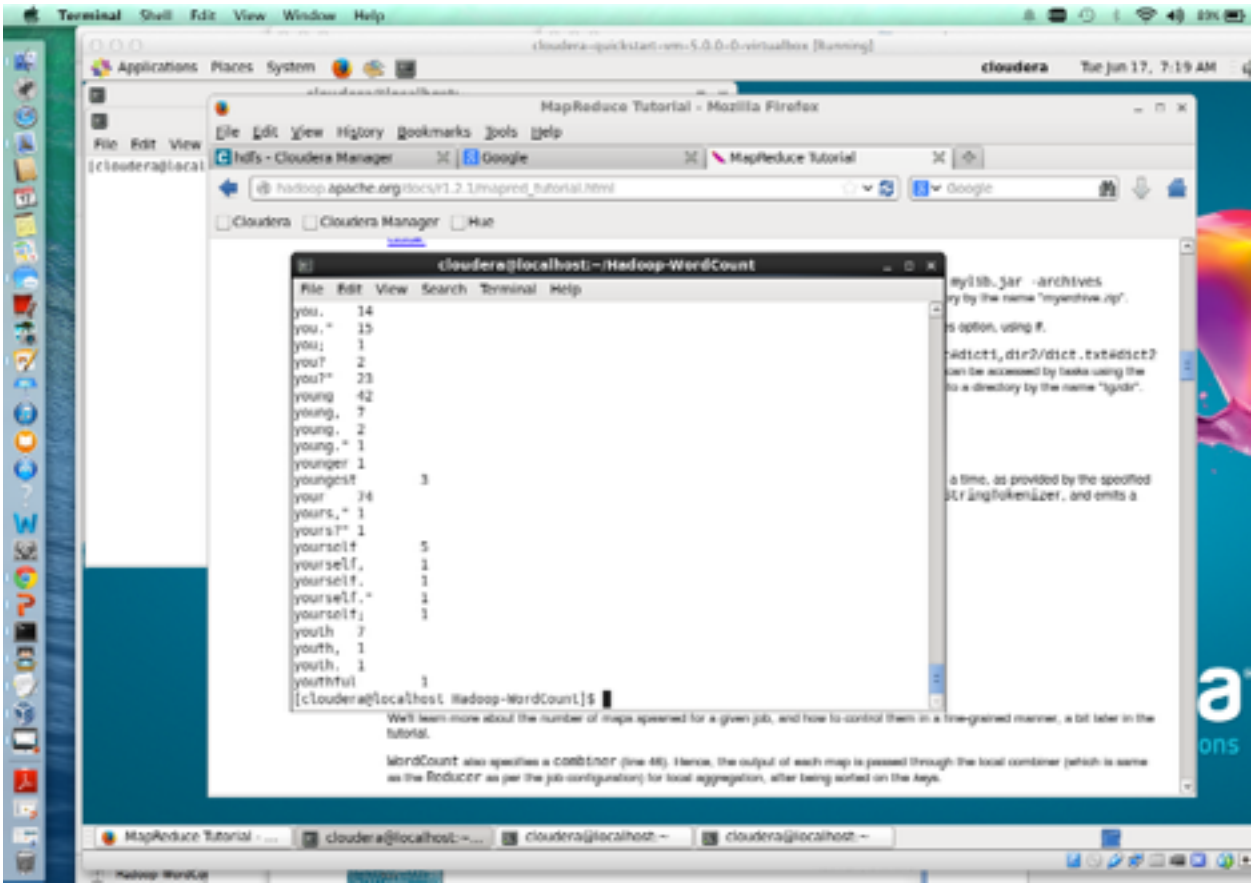
We copied the files from localhost folder to VM cloudera

Task 4: How to run a program "Word Count" on Cloudera

- Unzip the wordcount.zip
- Go to wordcount folder
- put local input file to the hadoop input directory:
  hadoop fs –put input input
- Run hadoop:
  hadoop jar wordcount.jar WordCount input output3
- View result from output3
  hadoop fs -cat output3/*


cloudera@localhost:~/Hadoop-WordCount
[cloudera@localhost Hadoop-WordCount]$
Import
Java - Eclipse
Browse...
Select All
Deselect All
Refresh
< Back
Next >
Cancel
Finish


MapReduce Tutorial - Mozilla Firefox
cloudera@localhost:~/Hadoop-WordCount
Map-Reduce Framework
Shuffle Errors


MapReduce Tutorial - Mozilla Firefox
cloudera@localhost:~/Hadoop-WordCount
[cloudera@localhost Hadoop-WordCount]$

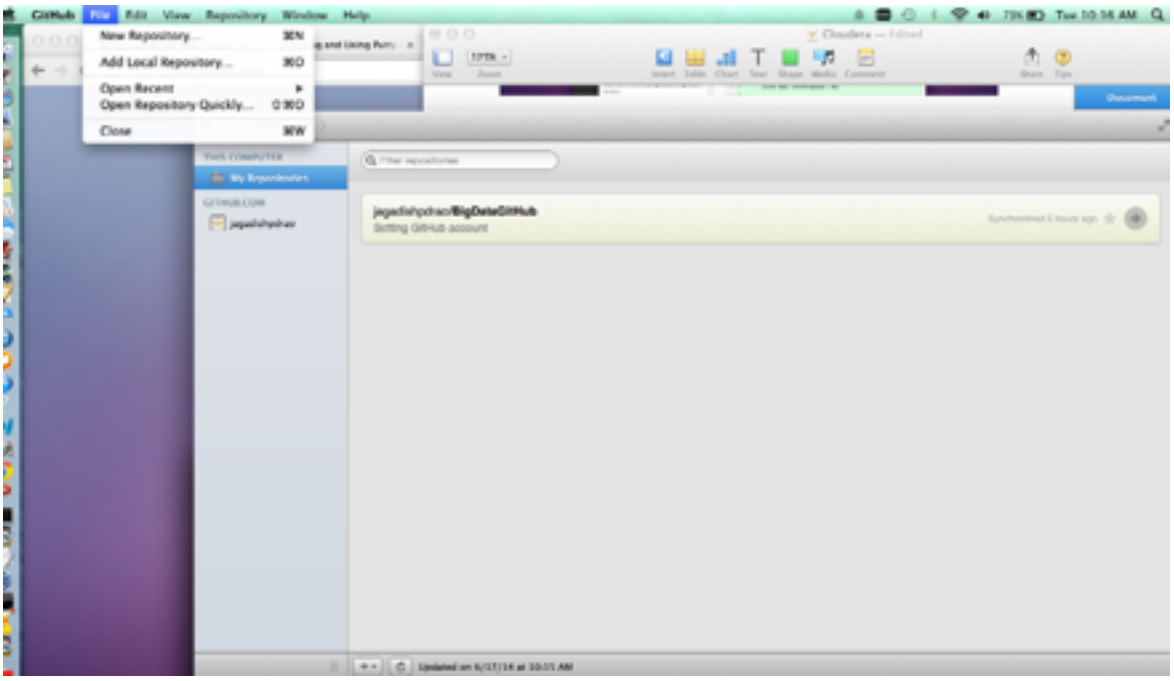
GITHUB

Download GITHUB for Mac OS X

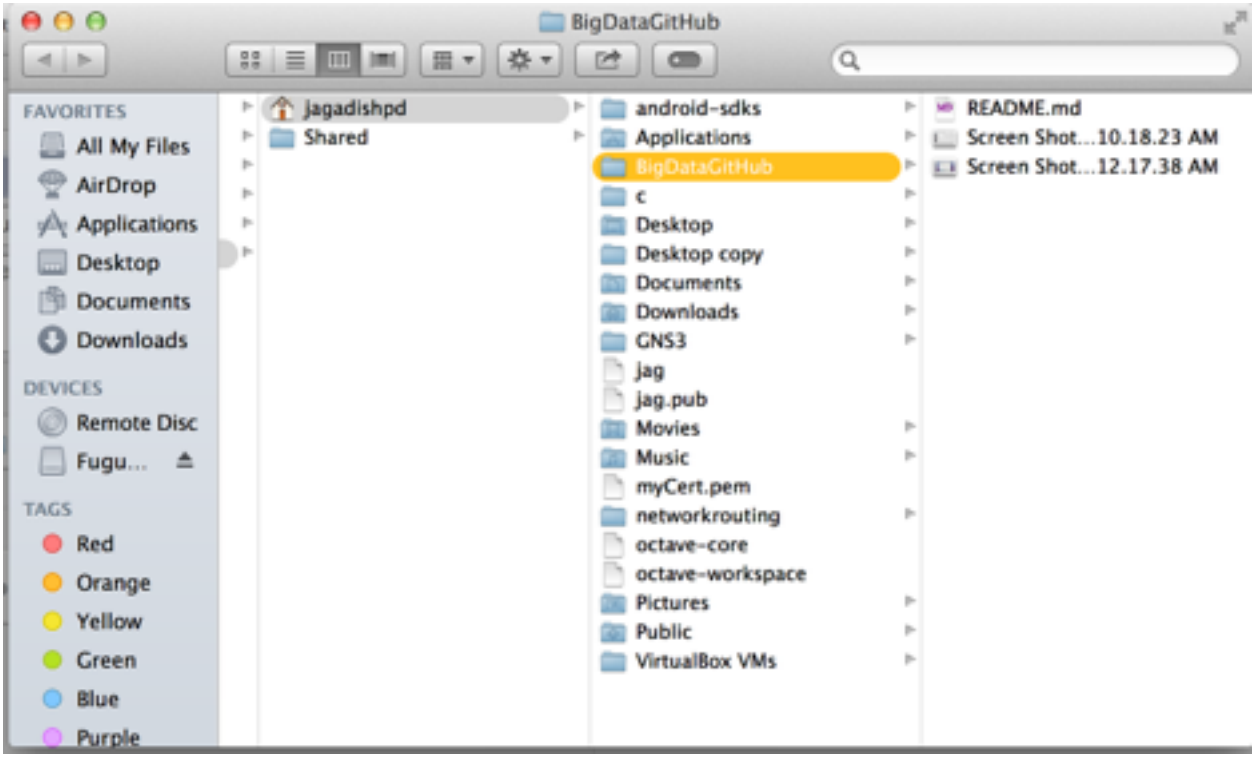
Install the file

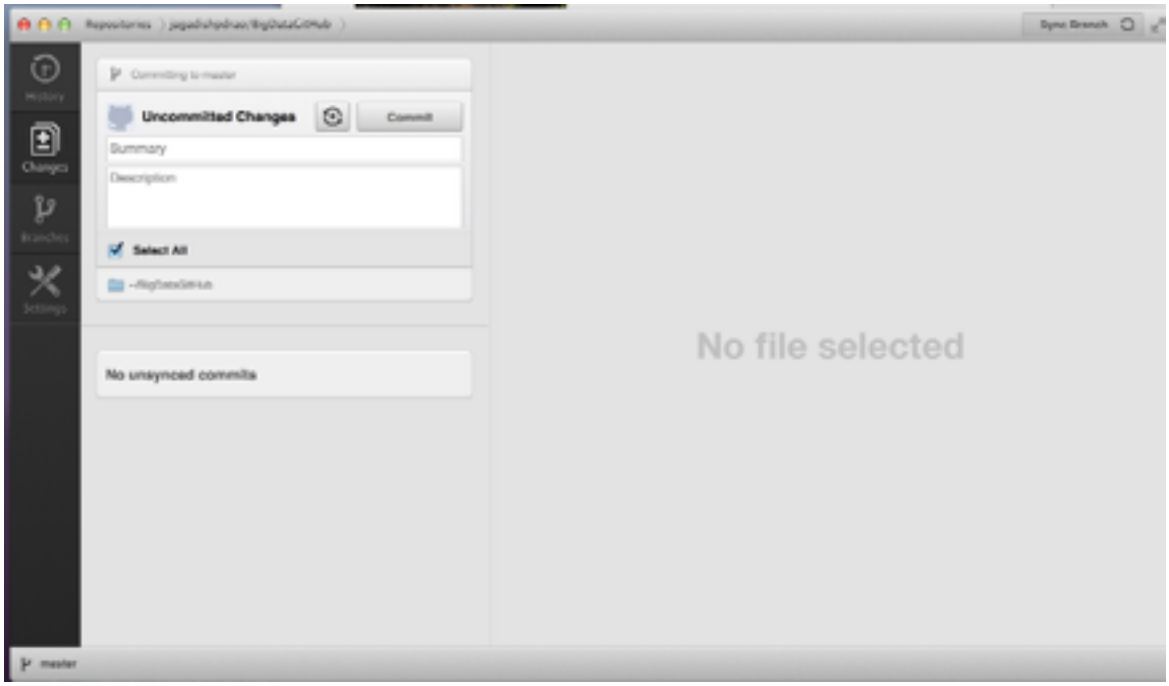
After installation ,login using GITHUB account credentials.

Add New Repository

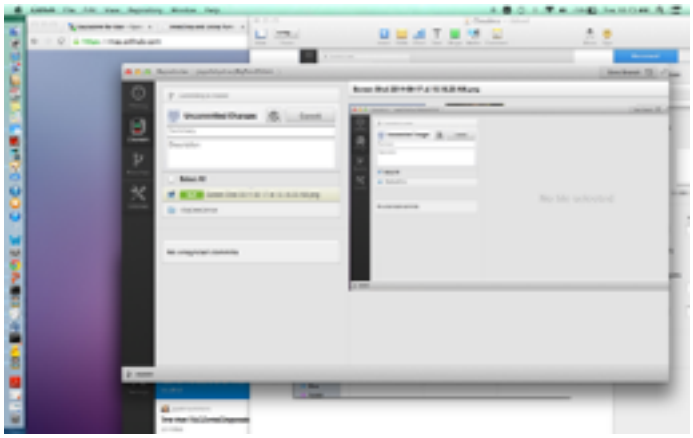


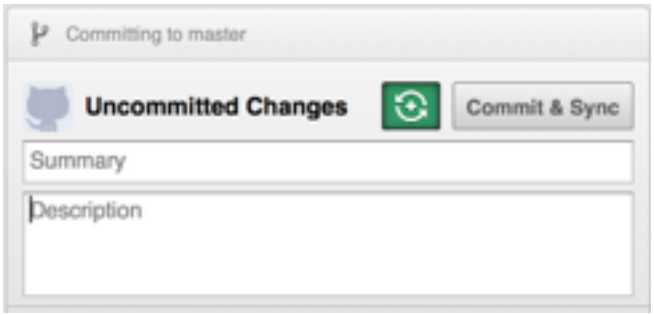
Browse for the files that are to be added.





The corresponding file of the file will be displayed.



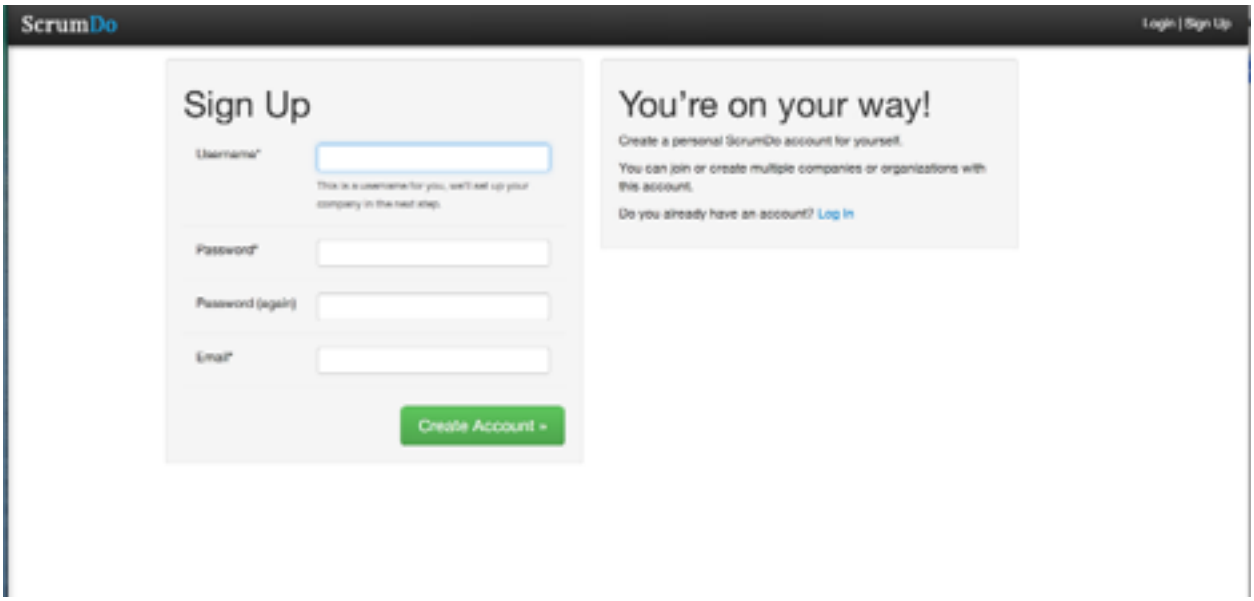


Add summary and description of the file

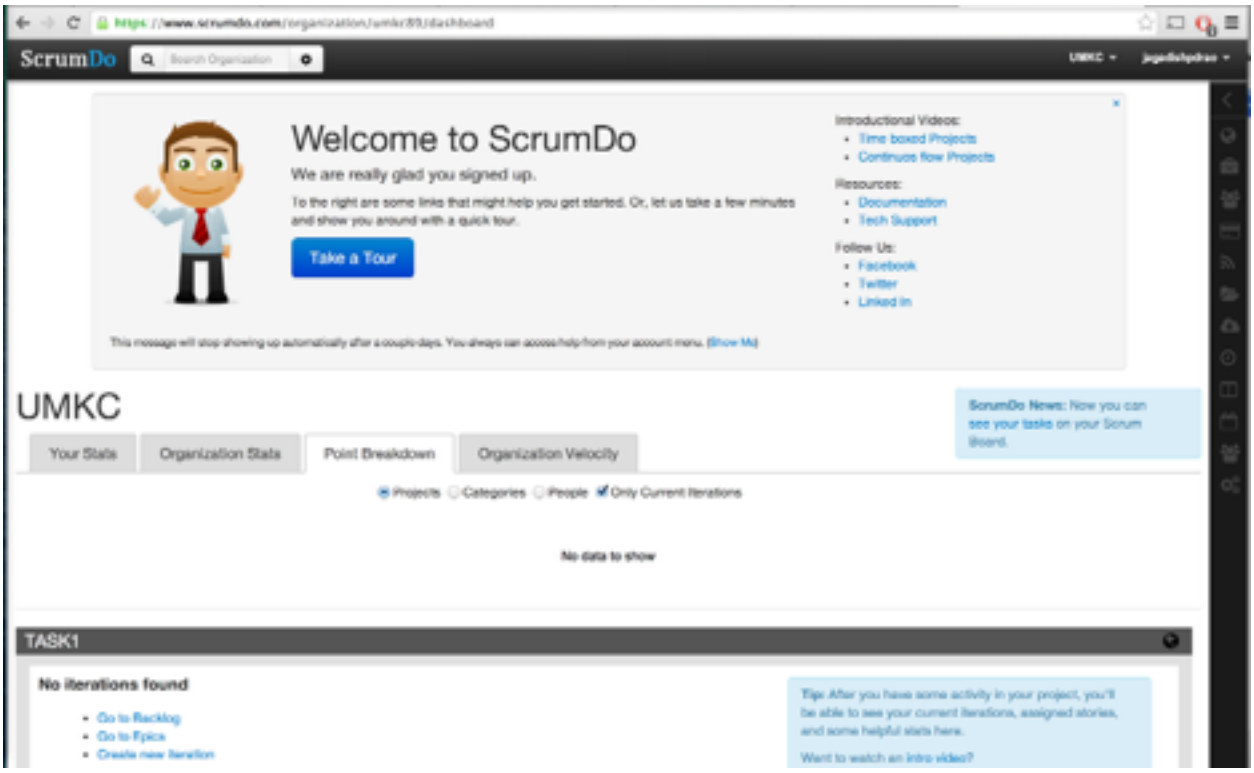
Click *Commit & Sync* button to commit and sync the file

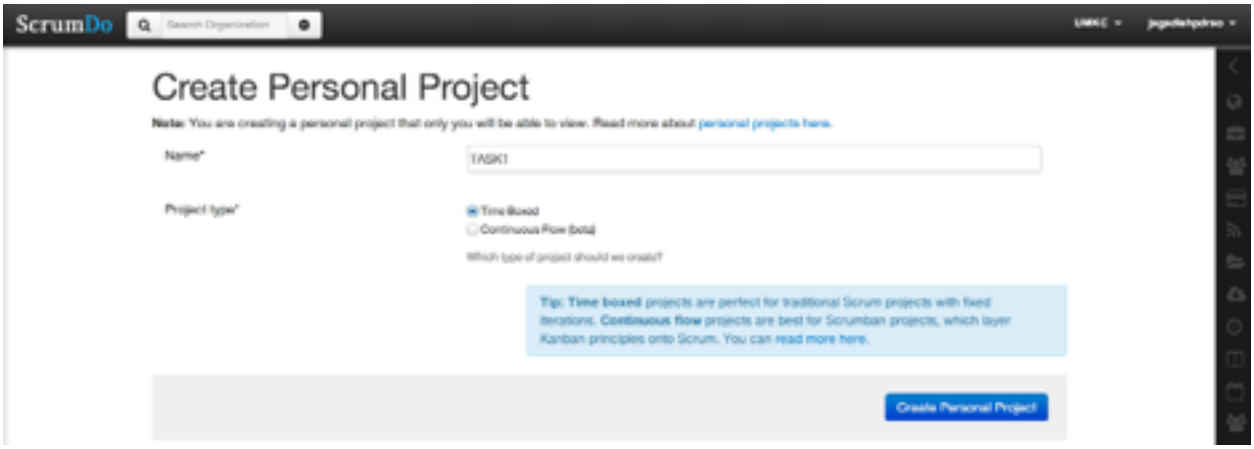
ScrumDo

ScrumDo is a Agile Software Development Story Management Tool

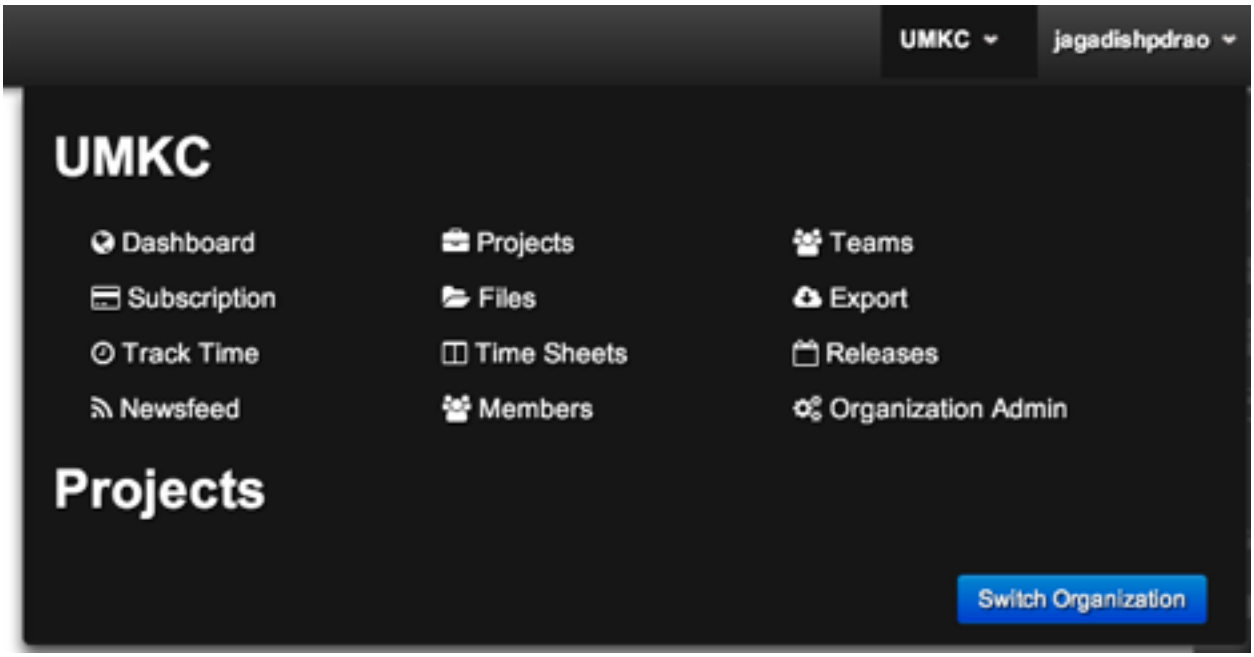


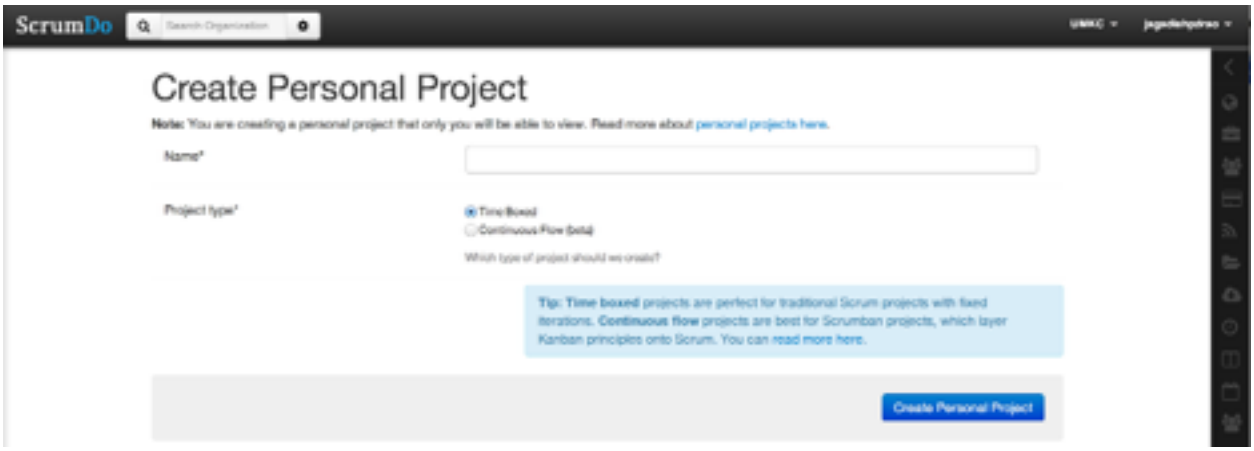
Sigup and login with the credentials

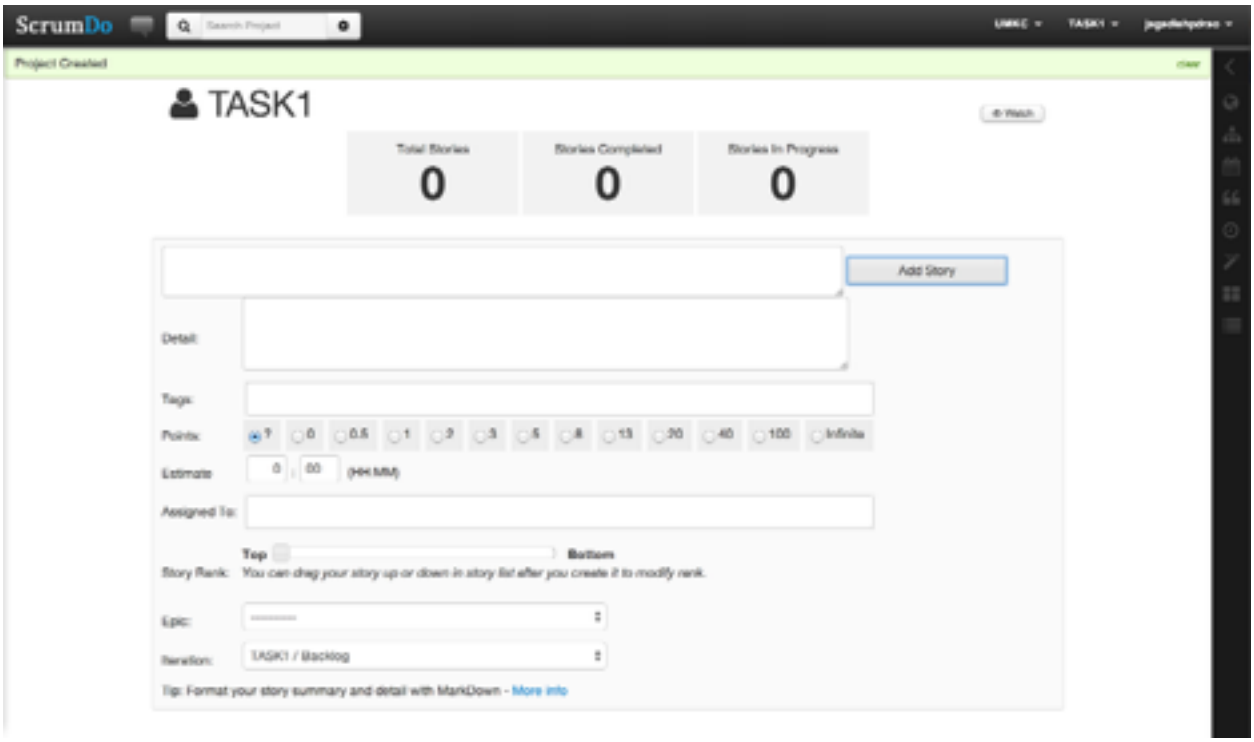


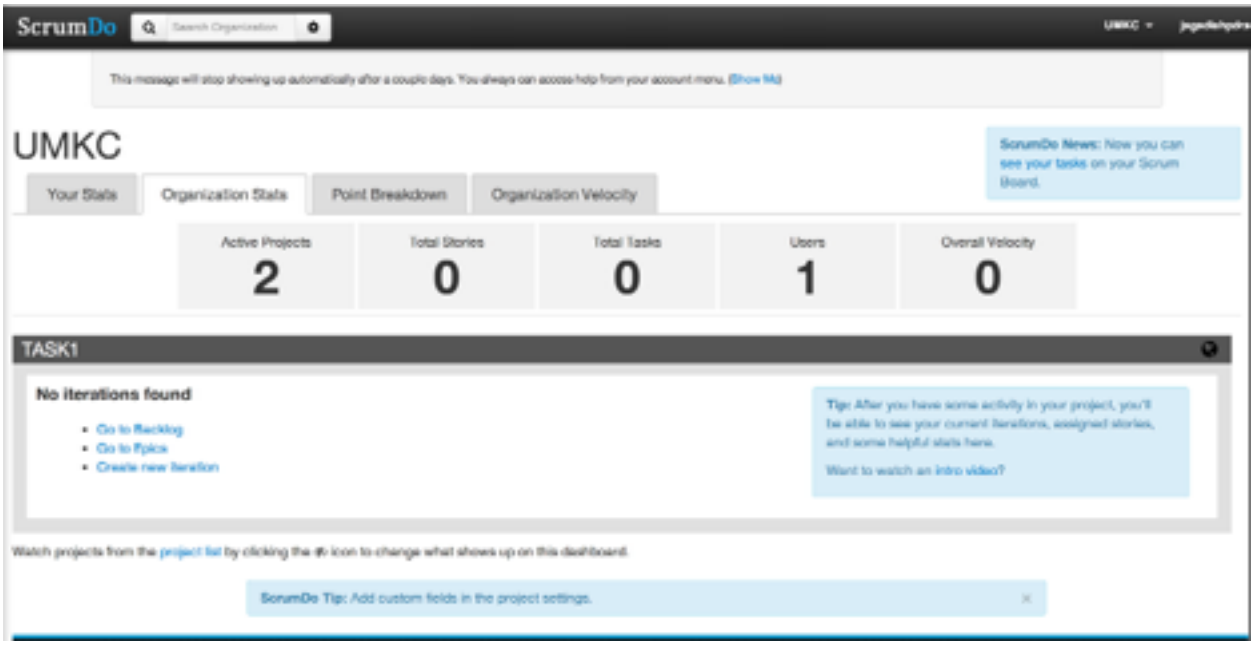


Create a project and its brief description.




ScrumDo
Create Personal Project
Note: You are creating a personal project that only you will be able to view. Read more about personal projects here.
Name*
Project type*
Time Boxed
Continuous Flow (beta)
Which type of project should we create?
Tip: Time boxed projects are perfect for traditional Scrum projects with fixed iterations. Continuous flow projects are best for Scrumban projects, which layer Kanban principles onto Scrum. You can read more here.
Create Personal Project


ScrumDo
Project Created
TASK1
Total Stories
0
Stories Completed
0
Stories In Progress
0
Add Story
Detail:
Tags:
Points:
Estimate:
Assigned To:
Top
Bottom
Story Rank:
You can drag your story up or down in story list after you create it to modify rank.
Epic:
Iteration:
TASK1 / Backlog
Tip: Format your story summary and detail with MarkDown - More info


ScrumDo
UMKC
Your Stats
Organization Stats
Point Breakdown
Organization Velocity
Active Projects
2
Total Stories
0
Total Tasks
0
Users
1
Overall Velocity
0
TASK1
No iterations found
Go to Backlog
Go to Kanban
Create new iteration

Group Members:

- **Deshpande,Aditya**
- **Meka,Tej Kiran**
- **Jagadish Rao**
- **Mahesh Vemula**

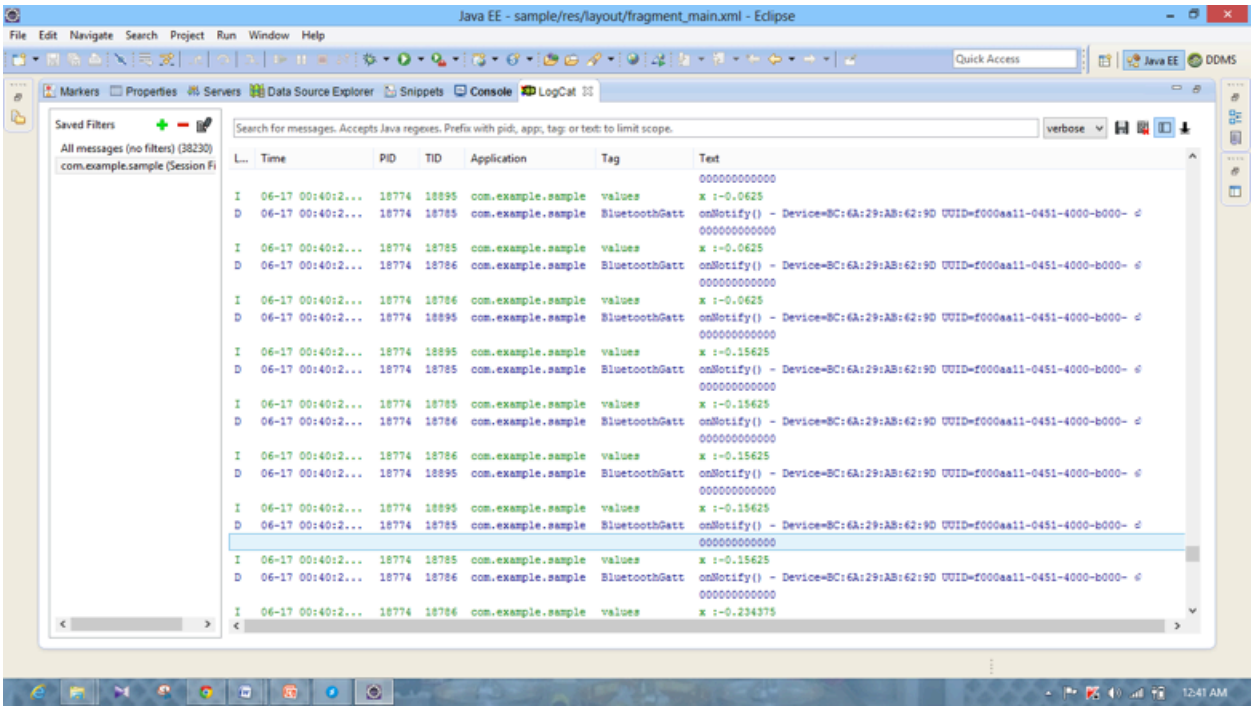
Task1: Android application using TI sensor tag.

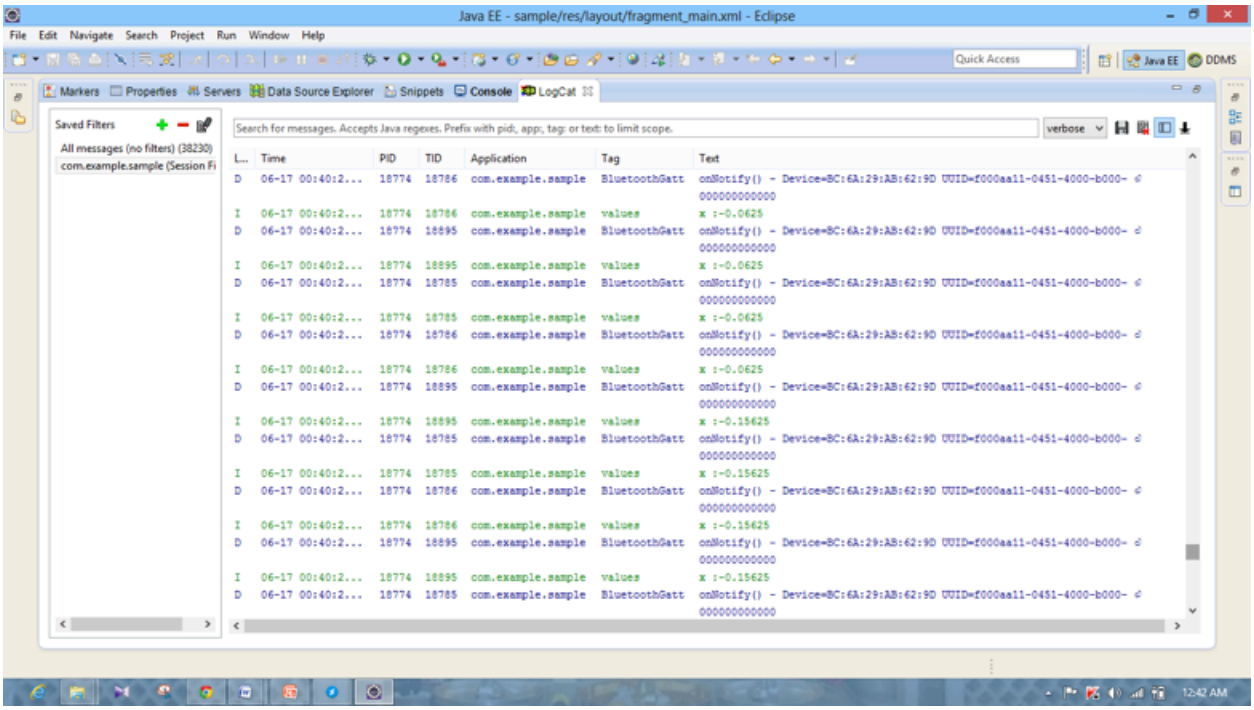
Step 1: Extract the application from download file.

Step 2: Run the application on the device after enbling debugging mode.

Step 3: Observe the output and take the screen shots of result.

First screen of the applciation





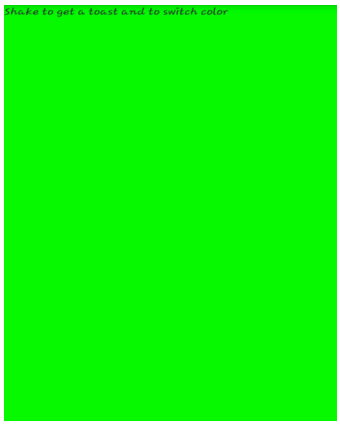
Task 2: Mobile sensor with Android sensor app

Step 1: Extract and modify the application from blackboard.

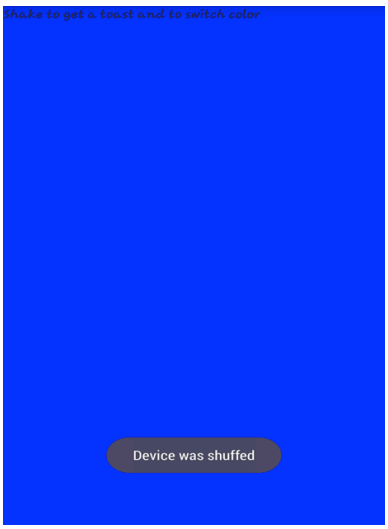
Step 2: Run the application on the device after enabling debugging mode.

Step 3: Observe the output and take the screen shots of result.

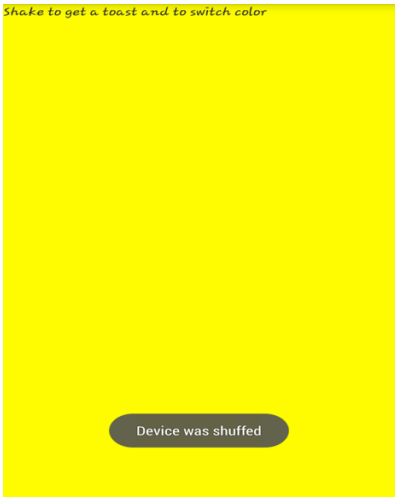
First screen of the application



When we shake the device the sensor detects and gives sensor output. By detecting output we change the color of the device.



Again when we shake the device the sensor detects and gives sensor output. By detecting output we change the color of the device.



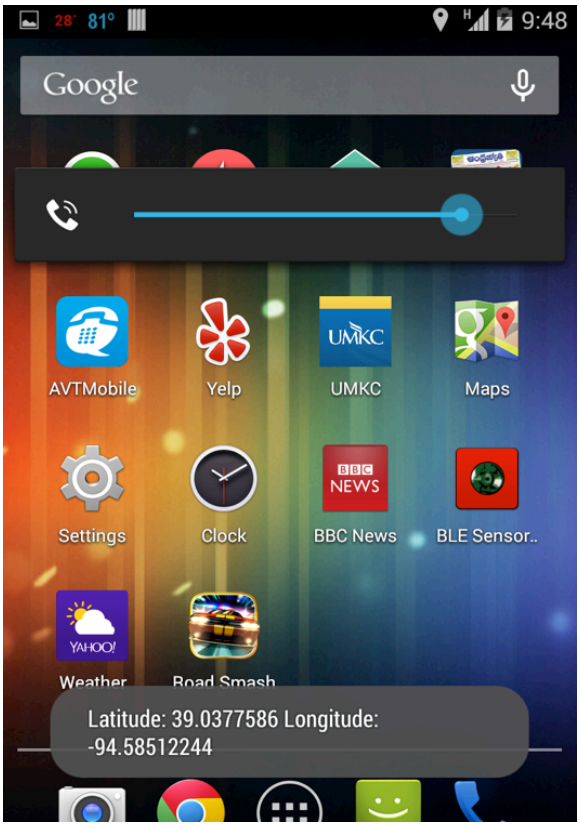
Task3: Geosensing android application

Step 1: Extract and modify the application and add libraries.

Step 2: Run the application on the device after enabling debugging mode.

Step 3: Observe the output and take the screen shots of result.

First screen detecting the geo location and Displaying Latitudes and Longitudes using google API service call with geo location coordinates.



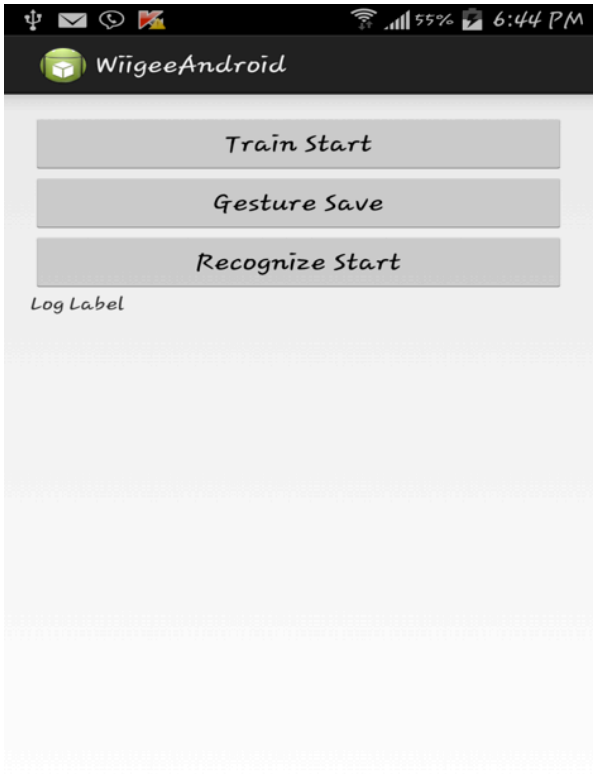
Task4: Wiigee app with Android smartphone

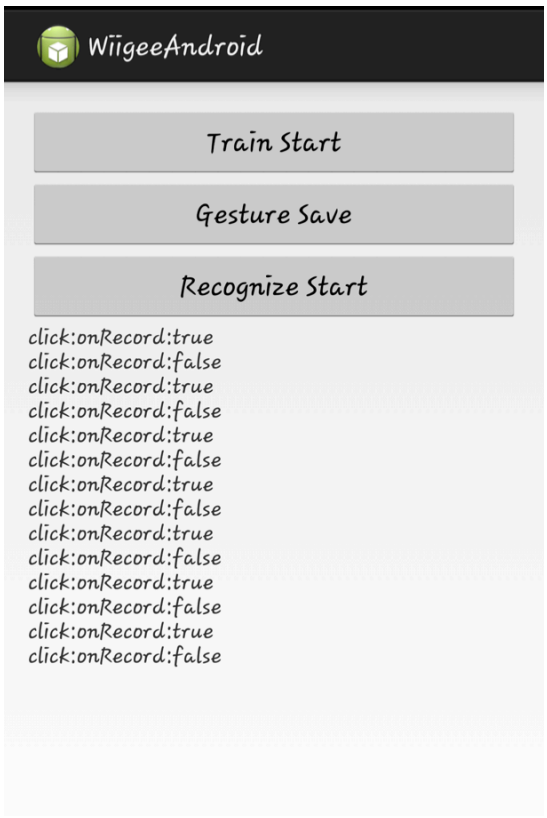
Step 1: Extract and modify the application. Modify build path.

Step 2: Run the application on the device after enabling debugging mode.

Step 3: Observe the output and take the screen shots of result.

First screen of the application





When we capture gesture click on record a gesture and after motion click on stop. After few samples click on save gesture.

Now to check the gesture we click on recognize and make motion. If motion matches it shows probability of gesture match.

Task5: Application using chronus watch

Step 1: Install the chronus watch drivers.

Step 2: Enable ACC mode on watch.

Step 3: Click start capture on the application.