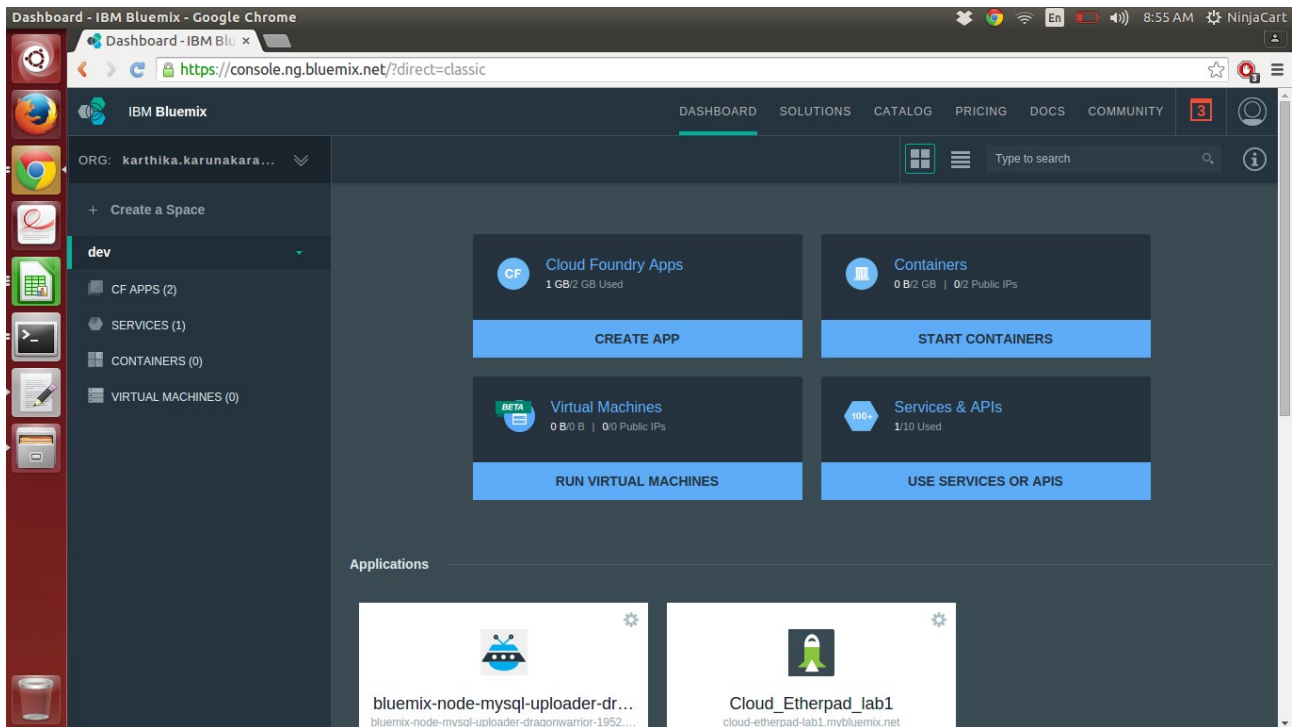


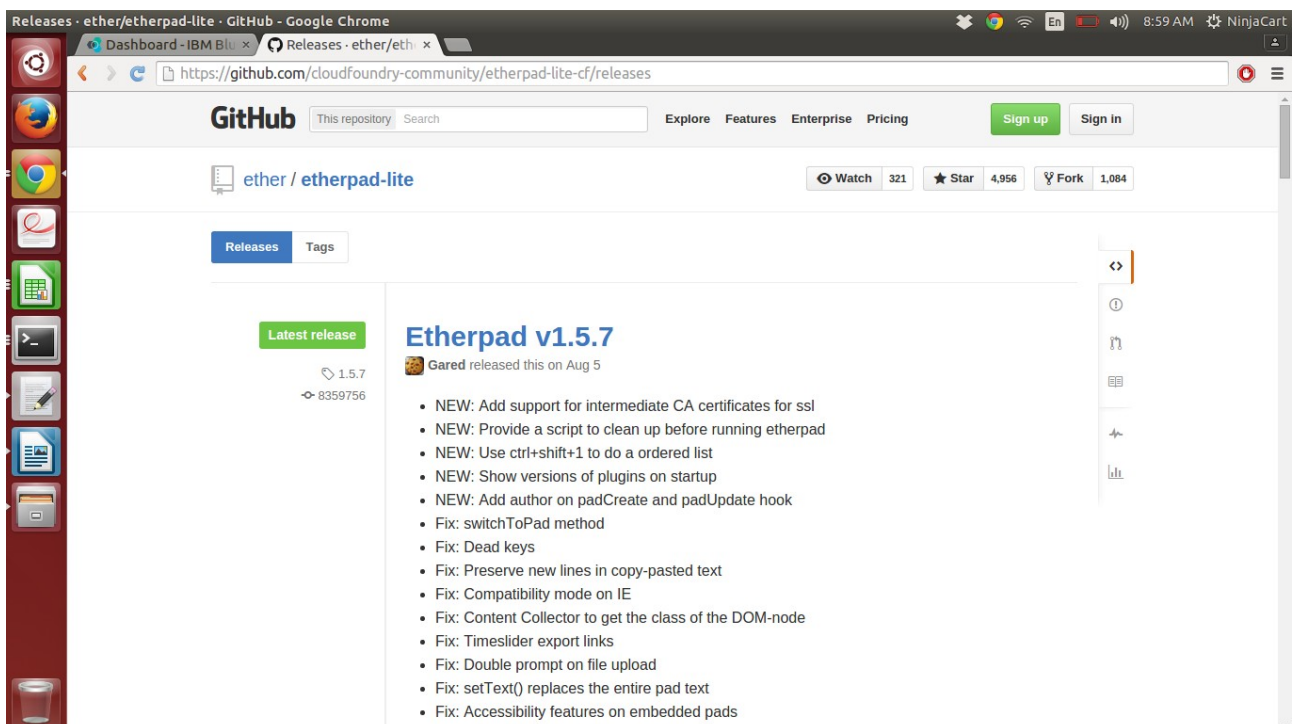
# Lab - 1 (Deploying an app on PaaS) - Etherpad on Paas

1. After creating an trial version account in IBM Bluemix, the dashboard appears like this

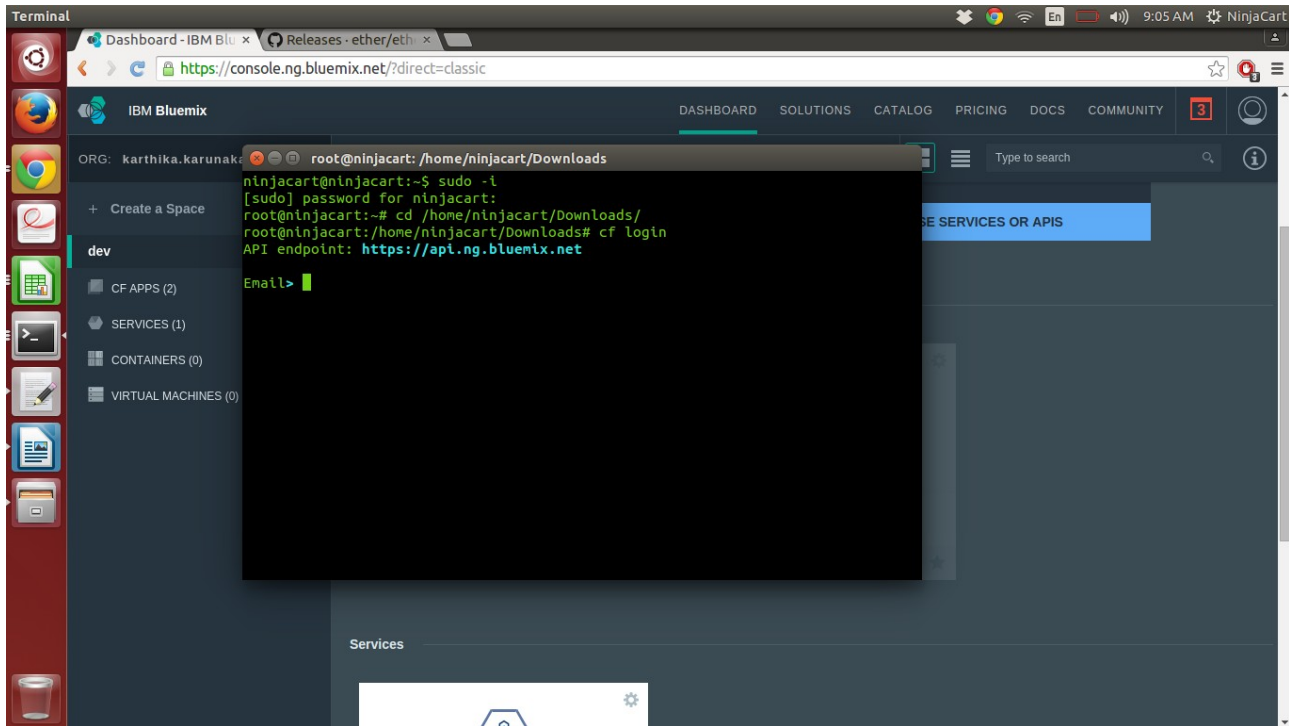


2. CLI (Command Line Interface) of CF is installed for interacting to the Bluemix

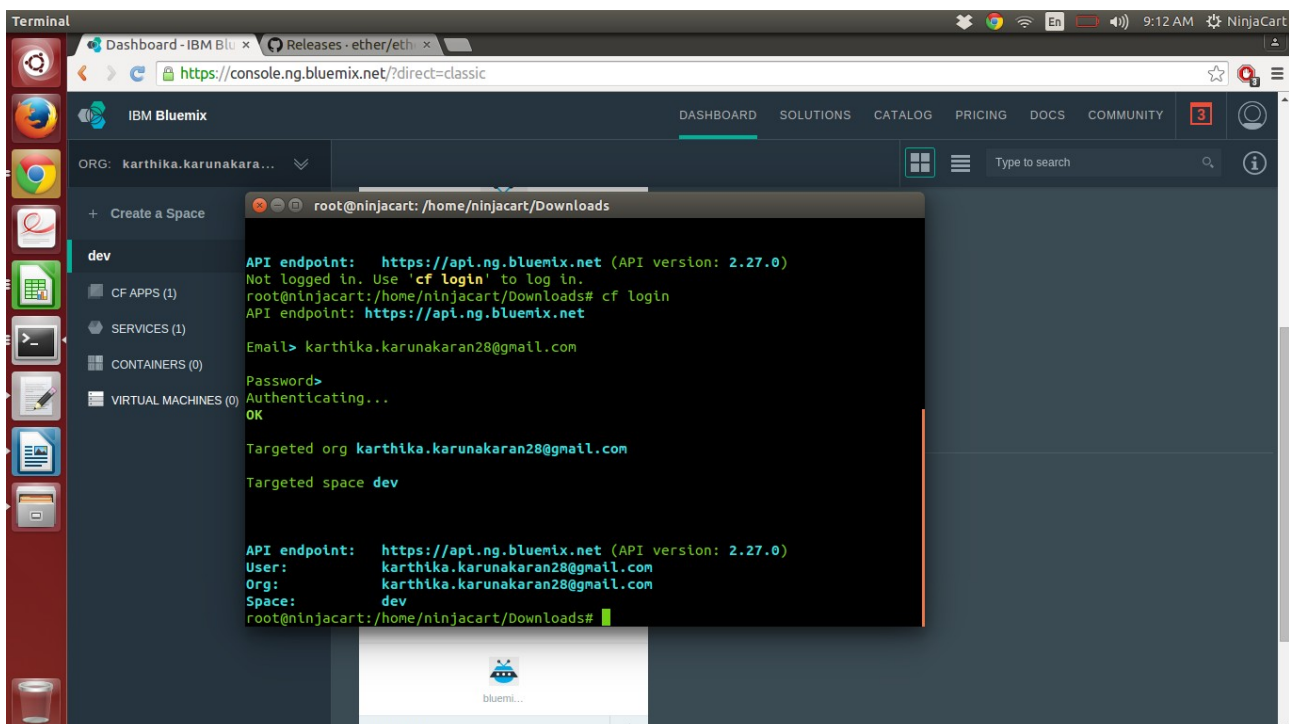
3. Download Etherpad code from the URL <https://github.com/cloudfoundry-community/etherpad-lite-cf/releases>



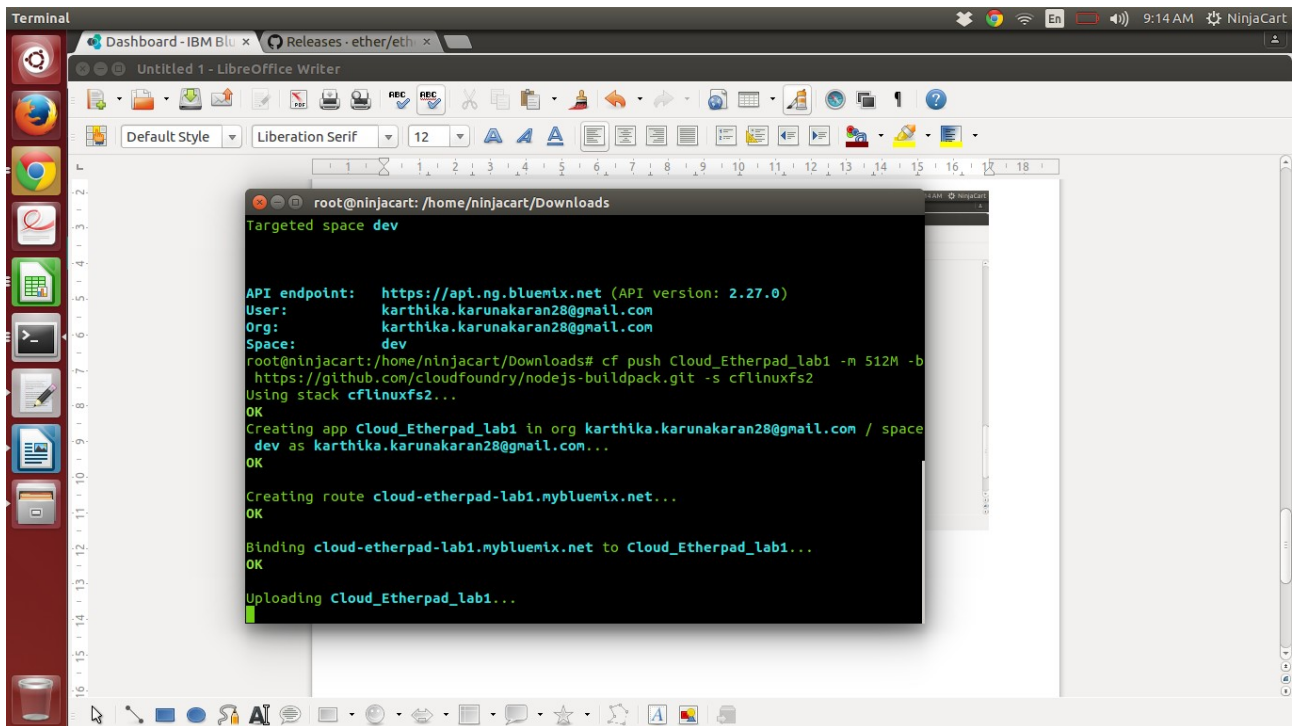
4. unzip it and rename the folder as “Cloud\_Lab1\_Etherpad”
5. In command prompt navigate to the folder in which the Etherpad code is present
6. Type the command of cf to login into Bluemix  
**cf login**



6. Enter the Api Endpoint as <https://api.ng.bluemix.net>
7. Enter email id and password credentials of your Bluemix account prompted to enter



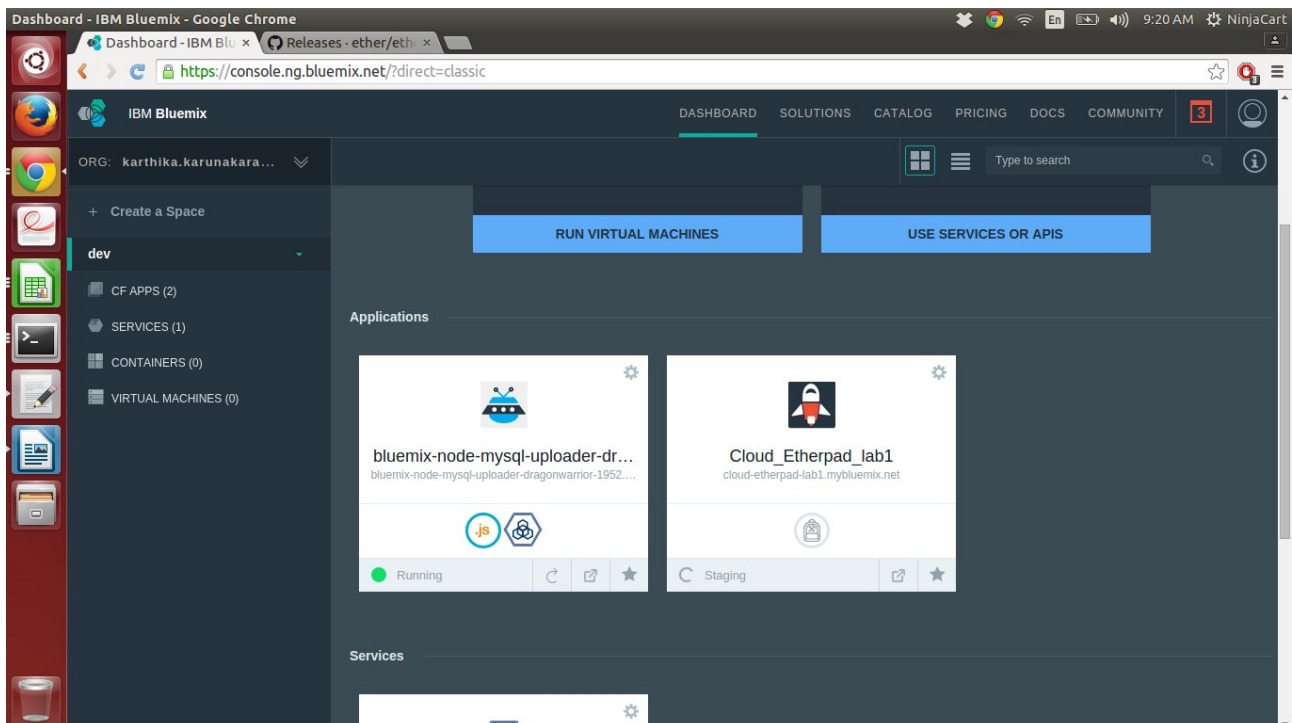
8. Then to push the Etherpad code into Bluemix and run the app enter the command **cf push Cloud\_Etherpad\_lab1 -m 512M -b https://github.com/cloudfoundry/nodejs-buildpack.git -s cflinuxfs2**



```
root@ninjaCart: /home/ninjacart/Downloads
Targeted space dev

API endpoint: https://api.ng.bluemix.net (API version: 2.27.0)
User: karthika.karunakaran28@gmail.com
Org: karthika.karunakaran28@gmail.com
Space: dev
root@ninjaCart:/home/ninjacart/Downloads# cf push Cloud_Etherpad_lab1 -m 512M -b https://github.com/cloudfoundry/nodejs-buildpack.git -s cflinuxfs2
Using stack cflinuxfs2...
OK
Creating app Cloud_Etherpad_lab1 in org karthika.karunakaran28@gmail.com / space dev as karthika.karunakaran28@gmail.com...
OK
Creating route cloud-etherpad-lab1.mybluemix.net...
OK
Binding cloud-etherpad-lab1.mybluemix.net to Cloud_Etherpad_lab1...
OK
Uploading Cloud_Etherpad_lab1...
```

In Bluemix dashboard



9. After being pushed the command looks like

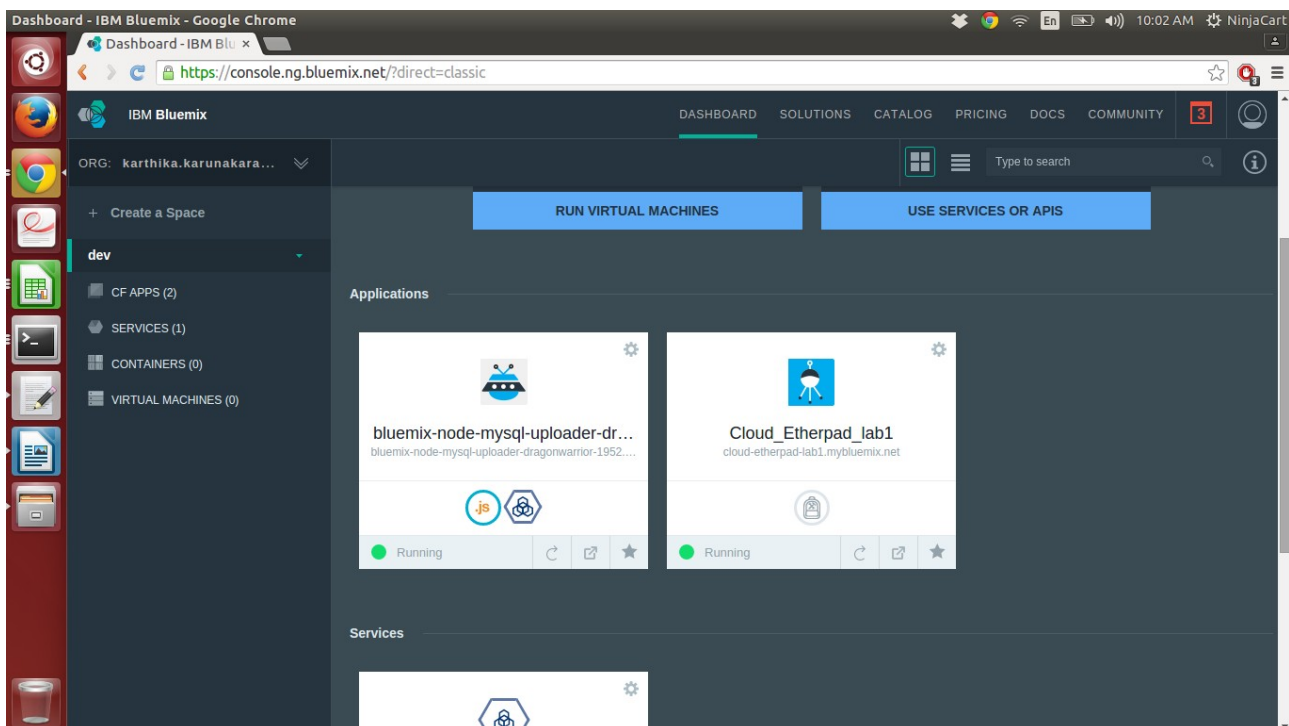
```
root@ninjaCart: /home/ninjaCart/Downloads/Cloud_Etherpad_lab1
├── slide@1.1.6
├── socket.io@1.3.5
├── supertest@0.15.0
├── swagger-node-express@2.1.3
├── tinycon@0.0.1
├── ueberDB@0.2.15
├── uglify-js@2.4.19
├── underscore@1.8.3
├── unorm@1.3.3
└── -----> Uploading droplet (41M)

0 of 1 instances running, 1 starting
0 of 1 instances running, 1 starting
1 of 1 instances running

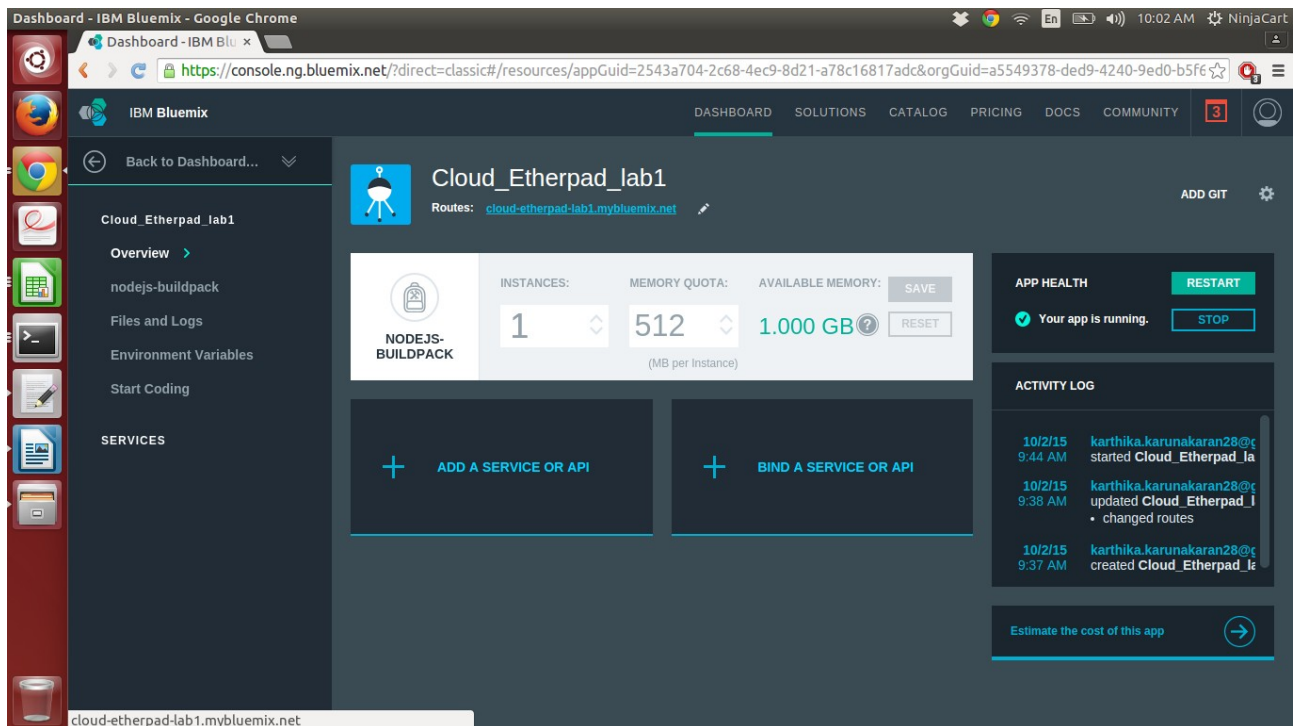
App started
OK
App Cloud_Etherpad_lab1 was started using this command `node node_modules/ep_eth
erpad-lite/node/server.js`
Showing health and status for app Cloud_Etherpad_lab1 in org karthika.karunakara
n28@gmail.com / space dev as karthika.karunakaran28@gmail.com...
OK
requested state: started
instances: 1/1
usage: 512M x 1 instances
urls: cloud-etherpad-lab1.mybluemix.net
last uploaded: Fri Oct 2 14:44:14 UTC 2015
stack: cflinuxfs2
buildpack: https://github.com/cloudfoundry/nodejs-buildpack.git

state   since                cpu    memory    disk    det
#0      running  2015-10-02 09:47:15 AM  0.0%   146M of 512M  239.4M of 1G
root@ninjaCart: /home/ninjaCart/Downloads/Cloud_Etherpad_lab1#
```

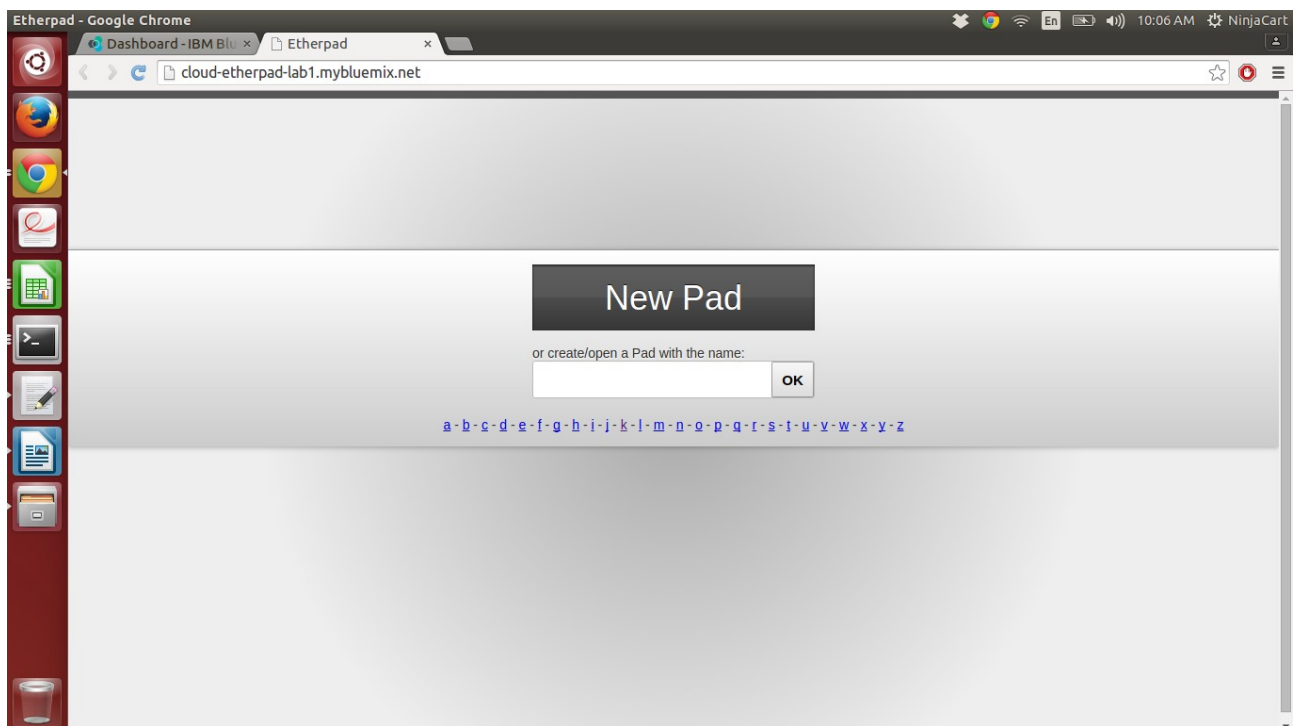
and the app is started up and running like



10. Open the Cloud\_Etherpad\_lab1 app in the dashboard, it will show the routes URL like below

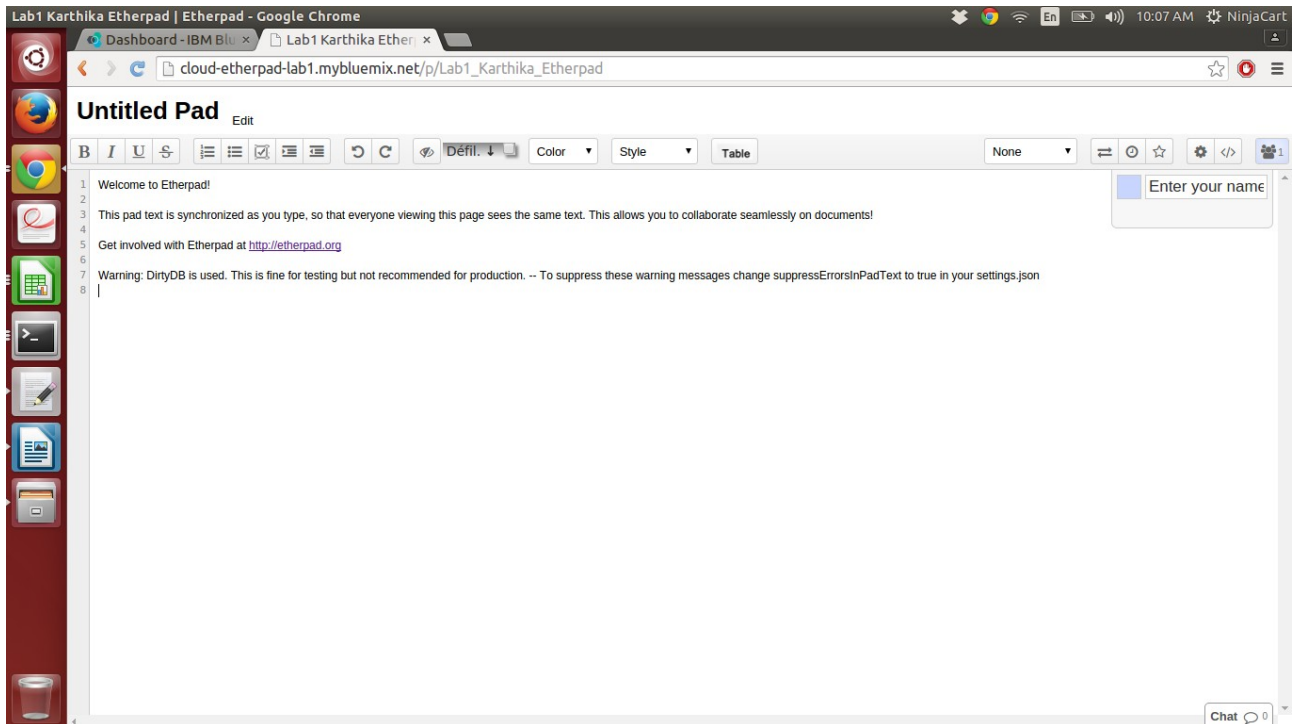


The URL is <http://cloud-etherpad-lab1.mybluemix.net/>

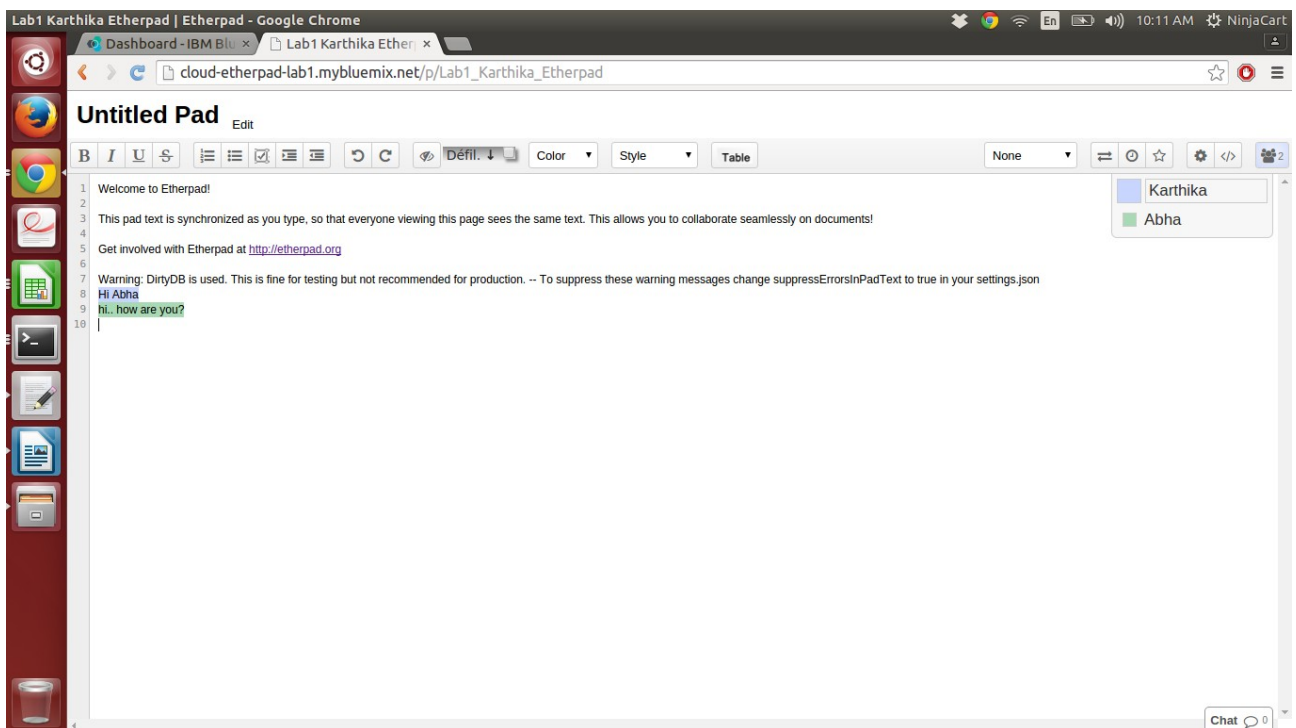




## 11. Create a new pad and open it



## 12. Start chatting by sharing the URL



Now see the chat between 2 users.