[Building Zeppelin in windows](http://madhukaudantha.blogspot.com/2015/04/building-zeppelin-in-windows-8.html)

**Pre - Requirements**

* java 1.7
* maven 3.2.x or 3.3.x
* nodejs
* npm

1. Clone git repo

     git clone <https://github.com/apache/incubator-zeppelin.git>

2.

* Check if you have server certificates
* In C:\Users\xxxxxxx\.m2 folder check -> settings.xml
* In C:\Users\xxxxxxx\ include the file .npmrc

registry = http://nexus-lhr.analytics.moodys.net:8081/content/repositories/npm

proxy=http://proxy-emea.nslb.ad.moodys.net:80

https-proxy=http://proxy-emea.nslb.ad.moodys.net:80

ca=null

strict-ssl=false

msvs\_version=2013

* In C:\Users\xxxxxxx\ include the file .bowerrc

{

"proxy": "http://proxy-emea.nslb.ad.moodys.net:80",

"https-proxy": "http://proxy-emea.nslb.ad.moodys.net:80"

}

* Configure the file bower in the directory Zeppelin-With-R-rinterpreter\zeppelin-web

3. Let’s build Incubator-zeppelin from the source

$ cd Desktop/Apache/incubator-zeppelin-rinterpreter

$ mvn clean package -Pspark-1.3 -Dspark.version**=**1.3.1 -Dhadoop.version**=**2.7.0 -Phadoop-2.6 -Pyarn -DskipTests

Since you are running in windows shell command or space in dir, new line issue in windows (Unix to dos issue) will break some test so you can skip them for now by ‘-DskipTests’. Used –u to get updated snapshot of the repo while it is building.

Incubator-zeppelin is build success.

4. **Start Zeppelin**

Go to bin folder and click/execute -> zeppelin.cmd

Go to localhost on your web browser and listen on port 8080. (i.e.[http://localhost:8080](http://localhost:8080/)). At this point you are ready to start creating interactive notebooks with code and graphs in Zeppelin.

Build Zeppelin with Cygwin

<http://www.r-bloggers.com/interactive-data-science-with-r-in-apache-zeppelin-notebook/>

Writing Zeppelin Interpreter :

https://zeppelin.incubator.apache.org/docs/latest/development/writingzeppelininterpreter.html