

INSTALLION OF DATA_INTEGRATION AND BISERVER

1. DATA-INTEGRATION :-

1.1) Install ubuntu :-

Ubuntu version :- 12.0.4 or above

1.2) Install mysql server:-

- open terminal in ubuntu and Type
command :- sudo apt-get update
command :- sudo apt-get install mysql-server
command :- sudo apt-get install ssh
command :-sudo apt-get install ssh-server
command :-sudo apt-get install mysql-workbench
- You can skip the step if java is already installed

1.3) Install Java :-

```
command:-sudo apt-get install python-software-properties
command:-sudo add-apt-repository ppa:webupd8team/java
command:-sudo apt-get update
command :-sudo apt-get oracle-7java-installer
```

- If you have many java configured and wand to choose newly installed java version as default
command:- sudo update-alternatives --config java
- now by typing the number you can set the default version of java.

1.3.1) Set JAVA_HOME

```
command:- echo 'export PATH=$PATH:/usr/lib/jvm/{java_version}' >>
~/.bashrc
```

1.4) install data-integration(stable release):-

Link:- <http://sourceforge.net/projects/pentaho/files/Data%20Integration/5.0.1-stable/>

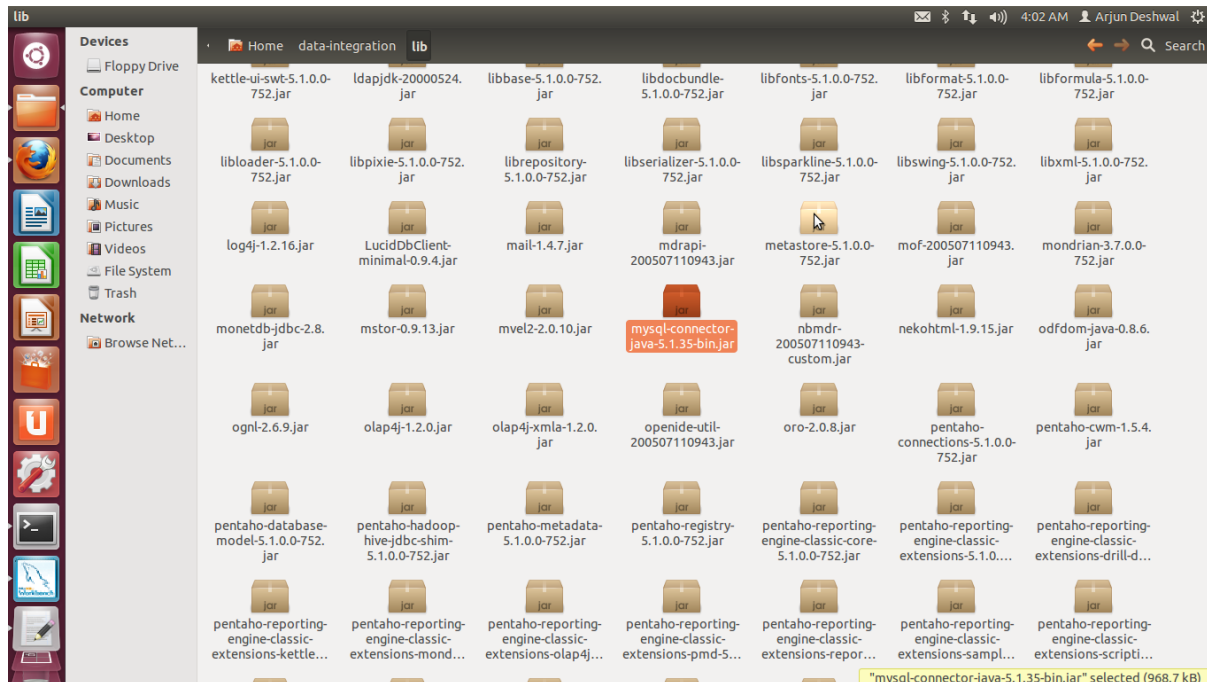
- unzip the zipped file
command:-unzip pdi-ce-5.0.1.A-stable.zip
command:- echo 'export PATH=\$PATH:{pdi folder}' >> ~/.bashrc

1.5) Download JDBC connector for database connection

Link :- <http://dev.mysql.com/downloads/file.php?id=456317>

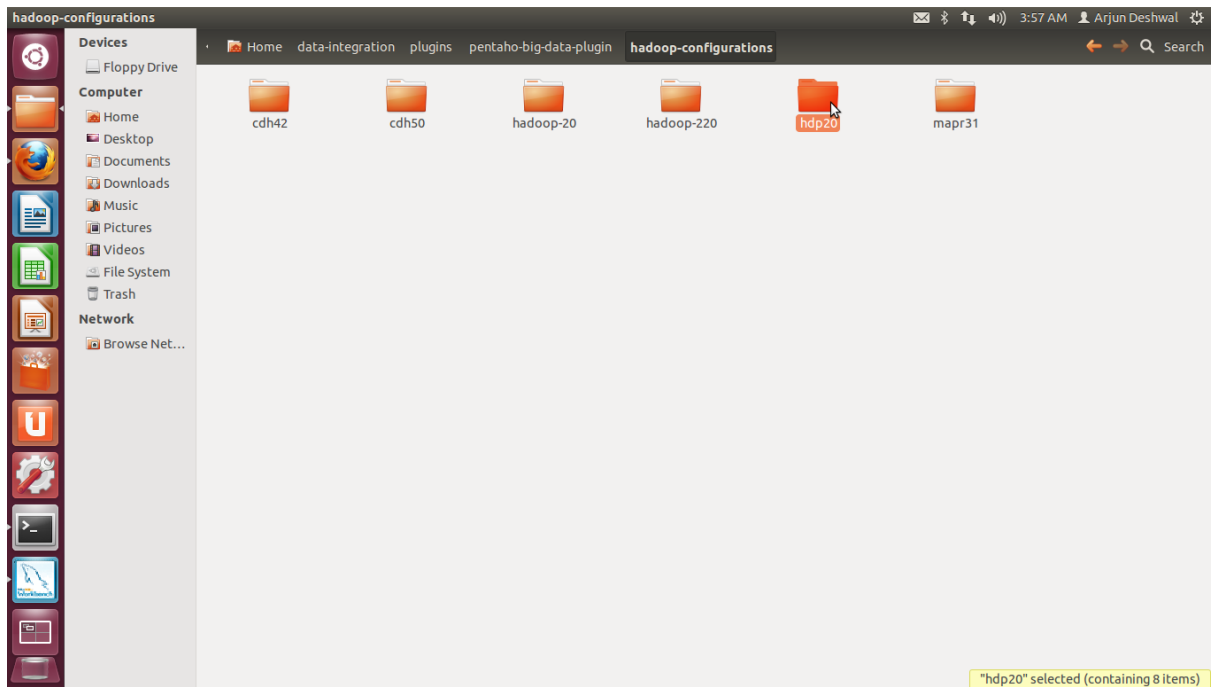
- unzip the file
command :-unzip mysql-connector

- mv file mysql-connector-java-5.1.35-bin.jar to /home/arjun/data-integration/lib folder
command :- cp /home/arjun/mysql-connector-java-5.1.35/mysql-connector-java-5.1.35.jar /home/arjun/data-integration/lib



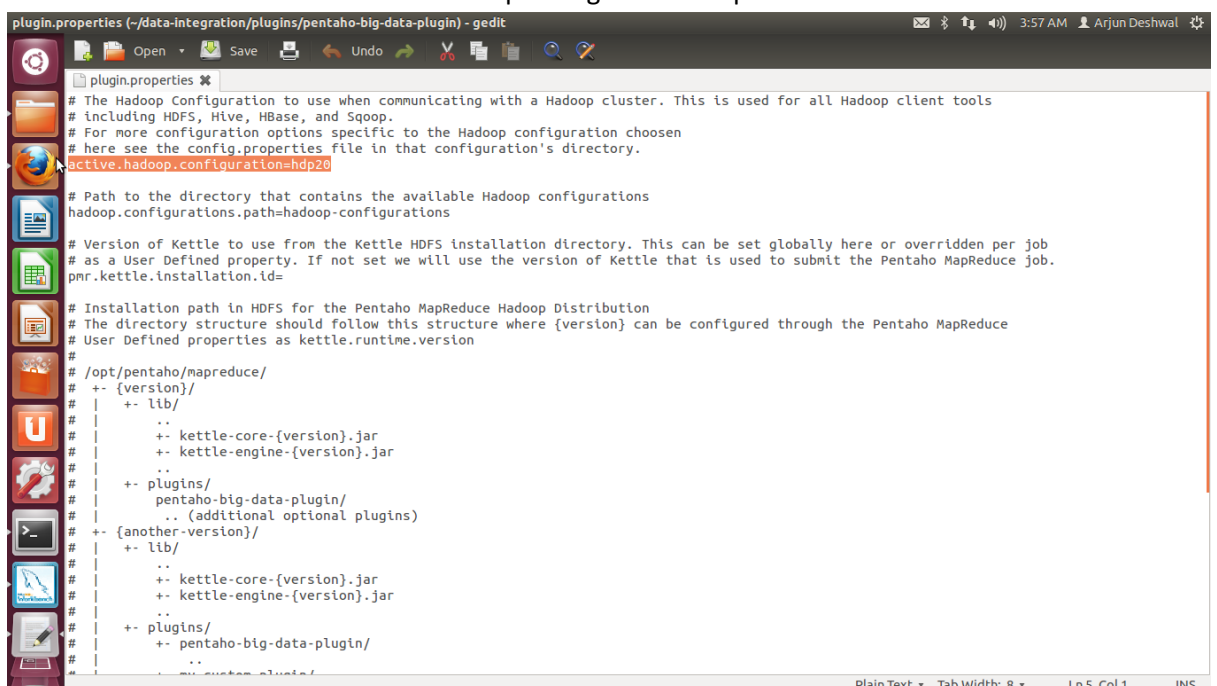
1.7) Configure hadoop for the data-integration

- Now download shim hdp20
Link :- <https://github.com/pentaho/pentaho-hadoop-shims/tree/master/>
- Unzip it and move
command:-unzip hdp20
command:- mv /arjun/home/hdp20 /arjun/home/data-integration/plugins/pentaho-big-data-plugin/hadoop-configurations



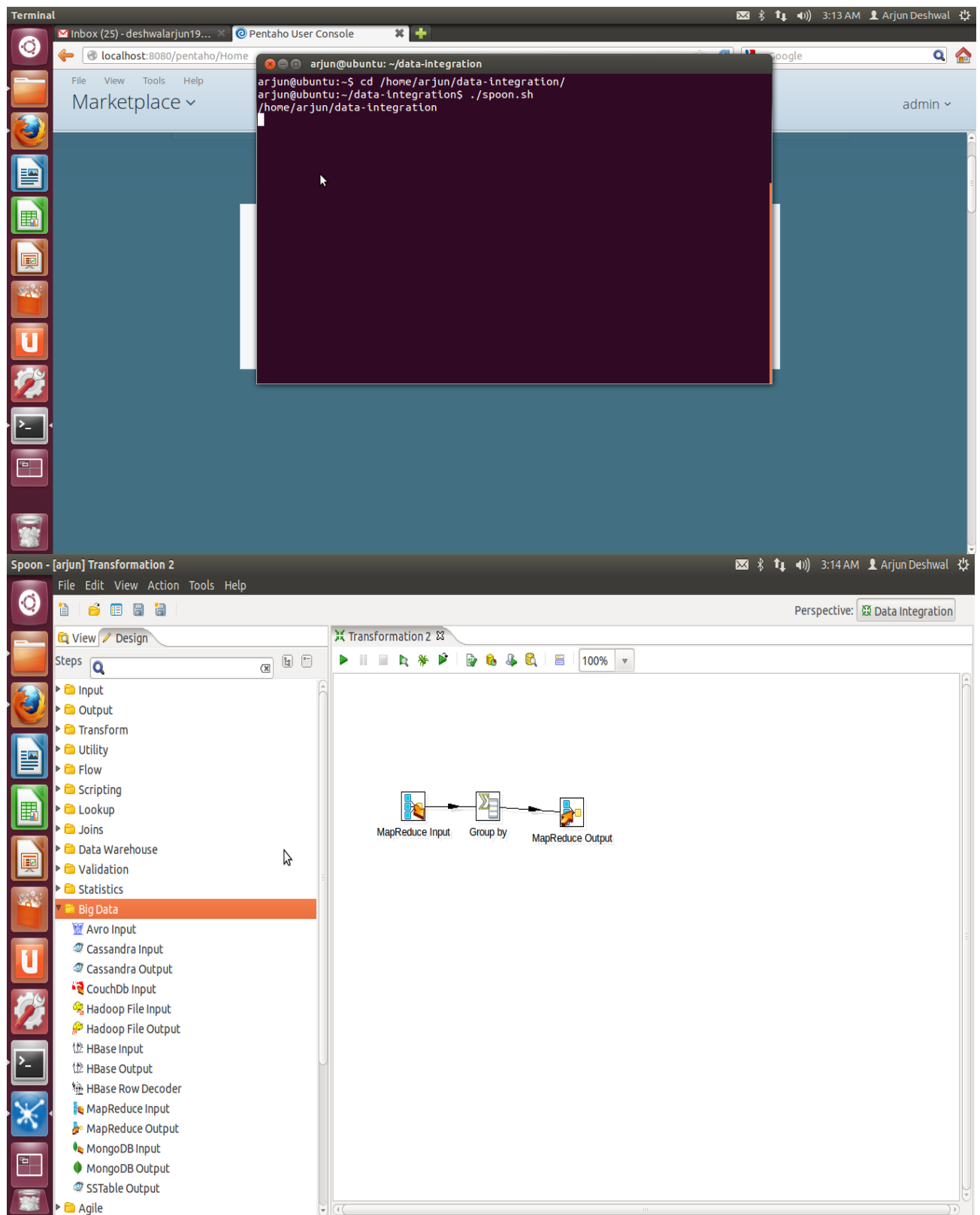
- change plugin.properties
open plugin.properties kept in :- /arjun/home/dataintegration/plugins/pentaho-big-data-plugin/

set:- active.hadoop.configuration=hdp20



1.8) Run Spoon

- Run spoon
command:-cd /home/arjun/data-integration
command:- ./spoon.sh



2) BI-Server

2.1) Download BI-server stable release

Link:- <http://sourceforge.net/projects/pentaho/files/Business%20Intelligence%20Server/5.0.1-stable/>

2.2) Run Bi-server

- unzip the folder
command:- unzip filename
- run biserver
command:- filename/start-pentaho.sh

2.3) open console

- You can visit console on
Link:- <http://localhost:8088>

