Word Count Program

1. Add Hadoop Java jar file

File – new – Java Project – Name:wc1 – finish

Wc1 – right Click – Build Path – configure BD – Libraries – Add external jars – Select Desktop – Hadoop\_java\_jars – ctrl A – ok – ok

1. Create 3 classes

* Right Click On Project(wc1) – new – class – Name:wordcountMain – method – public SVM – finish
* Right Click On Project(wc1) – new – class – Name:wcreducer – method – inherited….
* Right Click On Project(wc1) – new – class – Name:wcmapper – method – inherited….

1. Create Jar Files

Right Click On Project(wc1) – Export – jar Files – Path – Browse – Select directory (desktop) – press ok

Give File Name: WC.jar – ok – finish

1. To upload input file from local system to hdfs directory:
2. Open The Terminal and type
3. hadoop dfs -mkdir /WCA

Name node is in safe mode.

1. hadoop dfsadmin -safemode leave
2. hadoop dfs –put /home/training/Desktop/words1.txt /WCA/w1
3. hadoop jar /home/training/Desktop/wcA.jar wordcountMain /WCA/w1 /wordcountout

To Check The Output –

Open Firefox ad Browse and type

Hadoop Adminstration

Browse the file System