

**Apache Pig Installation**

wget http://mirror.fibergrid.in/apache/pig/latest/pig-0.16.0.tar.gz

http://www-us.apache.org/dist/pig/pig-0.16.0/pig-0.16.0.tar.gz

tar -zxvf pig-0.16.0.tar.gz

sudo mv pig-0.16.0 /usr/local/pig

export PIG\_HOME=/usr/local/pig/

export PATH=$PATH:$PIG\_HOME/bin

## Running Pig

Local Mode

$pig -x local

Mapreduce Mode

$ pig -x mapreduce or just

$ pig

|  |
| --- |
| lines = LOAD '/user/hive/warehouse/doc/serverlog.log' AS (line:chararray); |
| words = FOREACH lines GENERATE FLATTEN(TOKENIZE(line)) as word; |
| grouped = GROUP words BY word; |
| wordcount = FOREACH grouped GENERATE group, COUNT(words); |

DUMP wordcount