Nline Program using tool interface

**import** org.apache.hadoop.conf.Configured;

**import** org.apache.hadoop.util.Tool;

**import** org.apache.hadoop.util.ToolRunner;

**public** **class** nlinetool **extends** Configured **implements** Tool{

Mapper class definition

{

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}

**public** **int** run(String[] args) **throws** Exception{

Job job = **new** Job(getConf());

job.setJobName("NLineInputFormat example");

job.setJarByClass(nlinetool.**class**);

job.setMapperClass(NLineMapper.**class**);

job.setInputFormatClass(NLineInputFormat.**class**);

job.setNumReduceTasks(0);

FileInputFormat.*addInputPath*(job, **new** Path(args[0]));

FileOutputFormat.*setOutputPath*(job, **new** Path(args[1]));

job.setOutputKeyClass(LongWritable.**class**);

job.setOutputValueClass(Text.**class**);

**return** job.waitForCompletion(**true**) ? 0:1;

}

**public** **static** **void** main(String[] args) **throws** Exception{

**int** exitcode = ToolRunner.*run*(**new** nlinetool(), args);

System.*exit*(exitcode);

}

}

**Execution**

hadoop jar /home/ponny/nlineprog2.jar my.org.nlineprog

-D mapreduce.input.lineinputformat.linespermap=2 /wct /nlt20