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| import java.io.\*; | |
|  | import org.apache.hadoop.io.NullWritable; |
|  | import org.apache.hadoop.io.Text; |
|  | import org.apache.hadoop.io.LongWritable; |
|  | import org.apache.hadoop.mapreduce.Job; |
|  | import org.apache.hadoop.mapreduce.Mapper; |
|  | import org.apache.hadoop.conf.\*; |
|  | import org.apache.hadoop.fs.\*; |
|  | import org.apache.hadoop.mapreduce.lib.input.\*; |
|  | import org.apache.hadoop.mapreduce.lib.output.\*; |
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|  |  |
|  | public class filtersalesdata { |
|  |  |
|  | public static class MapClass extends Mapper<LongWritable,Text,Text,NullWritable> |
|  | { |
|  |  |
|  | private Text sentence = new Text(); |
|  | public void map(LongWritable key, Text value, Context context) |
|  | throws IOException,InterruptedException { |
|  | String mysearchtext= context.getConfiguration().get("mytext"); |
|  | String line= value.toString(); |
|  | if(mysearchtext !=null) |
|  | { |
|  | if(line.contains(mysearchtext)) |
|  | { |
|  | sentence.set(line); |
|  |  |
|  | context.write(sentence, NullWritable.get()); |
|  | } |
|  | } |
|  | } |
|  | } |
|  |  |
|  |  |
|  | public static void main(String[] args) throws Exception { |
|  | Configuration conf = new Configuration(); |
|  | if(args.length > 2) |
|  | { |
|  | conf.set("mytext", args[2]); |
|  | } |
|  | Job job = Job.getInstance(conf,"filtersalesdata"); |
|  | job.setJarByClass(filtersalesdata.class); |
|  | job.setMapperClass(MapClass.class); |
|  | //job.setCombinerClass(ReduceClass.class); |
|  | //job.setReducerClass(ReduceClass.class); |
|  | job.setNumReduceTasks(0); |
|  | job.setMapOutputKeyClass(Text.class); |
|  | job.setMapOutputValueClass(NullWritable.class); |
|  | FileInputFormat.addInputPath(job, new Path(args[0])); |
|  | FileOutputFormat.setOutputPath(job, new Path(args[1])); |
|  | System.exit(job.waitForCompletion(true) ? 0 : 1); |
|  | } |
|  | } |
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