|  |
| --- |
| package com.nosql.ques; |
|  |  |
|  | //cc MaxTemperature Application to find the maximum temperature in the weather dataset |
|  | //vv MaxTemperature |
|  | import org.apache.hadoop.fs.Path; |
|  | import org.apache.hadoop.io.IntWritable; |
|  | import org.apache.hadoop.io.Text; |
|  | import org.apache.hadoop.mapreduce.Job; |
|  | import org.apache.hadoop.mapreduce.lib.input.FileInputFormat; |
|  | import org.apache.hadoop.mapreduce.lib.output.FileOutputFormat; |
|  |  |
|  | public class MaxTemperature { |
|  |  |
|  | public static void main(String[] args) throws Exception { |
|  | if (args.length != 2) { |
|  | System.err.println("Usage: MaxTemperature <input path> <output path>"); |
|  | System.exit(-1); |
|  | } |
|  |  |
|  | Job job = new Job(); |
|  | job.setJarByClass(MaxTemperature.class); |
|  | job.setJobName("Max temperature"); |
|  |  |
|  | FileInputFormat.addInputPath(job, new Path(args[0])); |
|  | FileOutputFormat.setOutputPath(job, new Path(args[1])); |
|  |  |
|  | job.setMapperClass(MaxTemperatureMapper.class); |
|  | job.setReducerClass(MaxTemperatureReducer.class); |
|  |  |
|  | job.setOutputKeyClass(Text.class); |
|  | job.setOutputValueClass(IntWritable.class); |
|  |  |
|  | System.exit(job.waitForCompletion(true) ? 0 : 1); |
|  | } |
|  | } |
|  | //^^ MaxTemperature |