|  |
| --- |
| package com.nosql.ques; |
|  |  |
|  | //cc MaxTemperatureReducer Reducer for maximum temperature example |
|  | //vv MaxTemperatureReducer |
|  | import java.io.IOException; |
|  | import org.apache.hadoop.io.IntWritable; |
|  | import org.apache.hadoop.io.Text; |
|  | import org.apache.hadoop.mapreduce.Reducer; |
|  |  |
|  | public class MaxTemperatureReducer extends Reducer<Text, IntWritable, Text, IntWritable> { |
|  |  |
|  | @Override |
|  | public void reduce(Text key, Iterable<IntWritable> values, Context context) |
|  | throws IOException, InterruptedException { |
|  |  |
|  | int maxValue = Integer.MIN\_VALUE; |
|  | for (IntWritable value : values) { |
|  | maxValue = Math.max(maxValue, value.get()); |
|  | } |
|  | context.write(key, new IntWritable(maxValue)); |
|  | } |
|  | } |
|  | //^^ MaxTemperatureReducer |