

Lab-26.2.2018

1. Create a text file for students details(student id,student name, marks-5 courses) in HDFS. Get a particular student details using side data configuration.

Note

Mapper

--

String name1;

name1 = context.getConfiguration().get("name");

Driver

....

conf.set("name",args[2]);

..

Execution

hadoop jar /home/ponny/sidecon.jar my.org.sidecon /kt /sid4
ram

2. Create the text files for employee details(employee id, employee name, designation) and department details(employee id, department). Display the employee details and the department details for the respective employees.

Note

Mapper 1

Write Employee details. Use employee id as the key

Mapper 2

Write department details. Use employee id as the key.

Reducer

Values are iterable.

```
for(Text val:values)
{
    line = val.toString();
}
context.write(key, new Text(line));
```

Driver

```
MultipleInputs.addInputPath(job,new Path(args[0]),
TextInputFormat.class, empmapper.class);
```

```
MultipleInputs.addInputPath(job,new Path(args[1]),
TextInputFormat.class, depmapper.class);
```

Execution

```
hadoop jar /home/ponny/reducejoin.jar my.org.reducejoin
/employee /department /rjoin
```