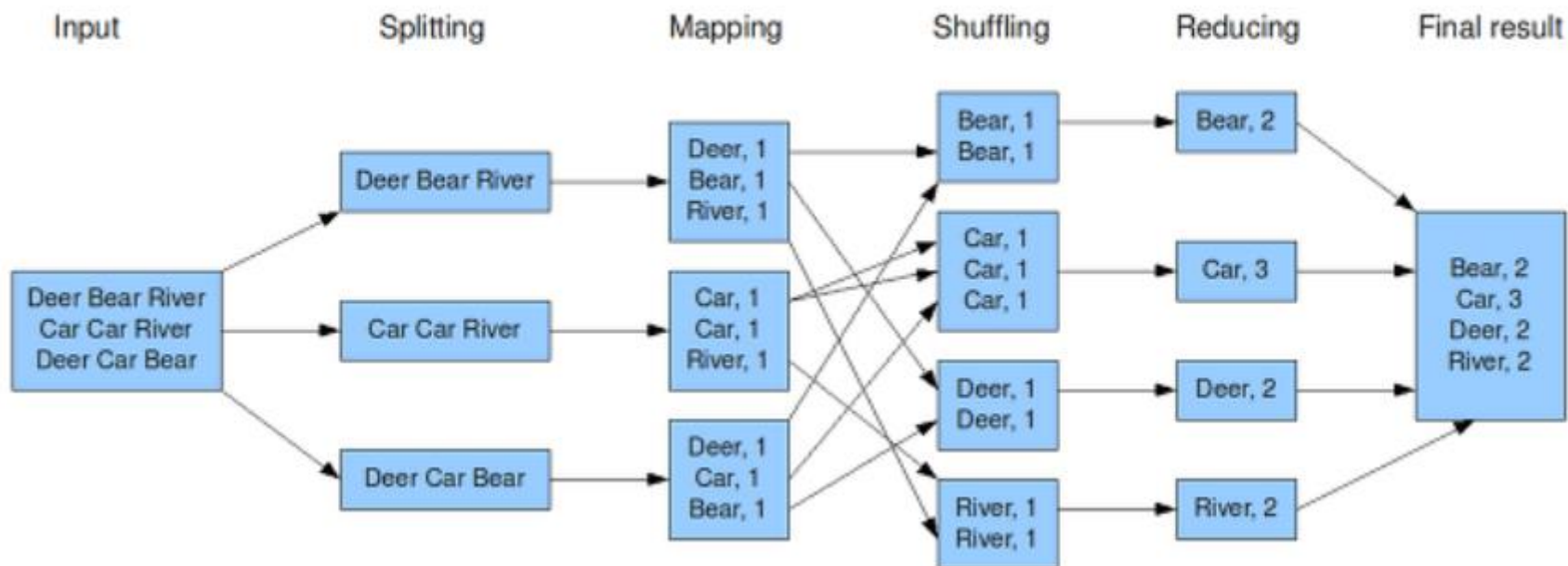


맵리듀스

# 맵리듀스의 이해

# 맵리듀스의 이해

The overall MapReduce word count process



# 환경 설정

# 이클립스 설치


> Packages Developer Builds

Eclipse Oxygen (4.7.1) Release for

Linux

## Try the Eclipse Installer

The easiest way to install and update  
your Eclipse Development Environment.

**Find out more**  **3,352,290 Downloads**



Linux

32 bit | 64 bit

## Eclipse IDE for Java EE Developers



325 MB 49,349 DOWNLOADS

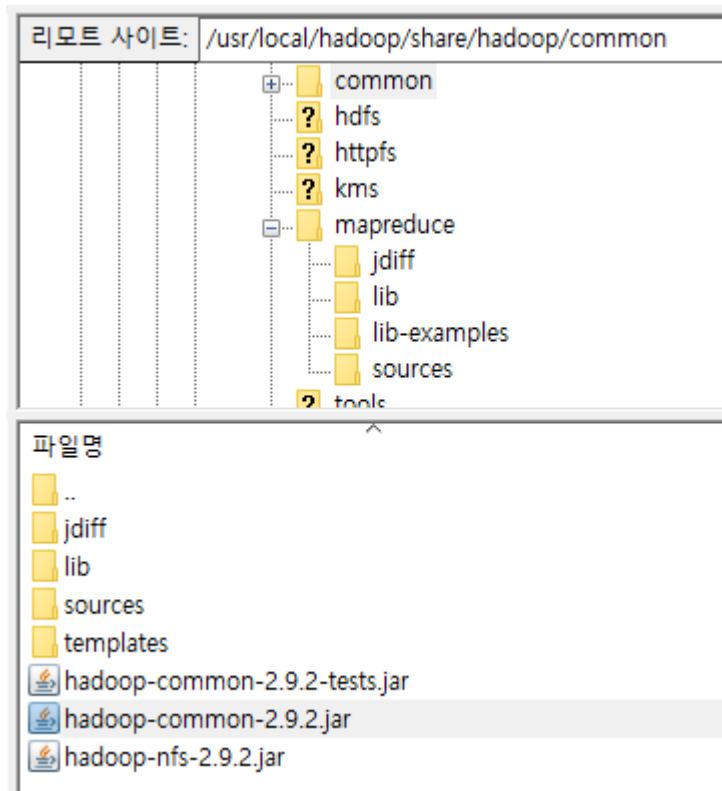
Tools for Java developers creating Java EE and Web  
applications, including a Java IDE, tools for Java EE, JPA, JSF,  
Mylyn...

Linux



32 bit | 64 bit

## Hadoop library 획득



**코드 작성**



# 코드 분석

```
FileInputFormat.addInputPath(job, new Path(arg0[0]));  
FileOutputFormat.setOutputPath(job, new Path(arg0[1]));
```

입출력 파일 경로 지정

```
job.setJarByClass(AirlineMain.class);
```

시작 시점 지정

```
job.setMapperClass(MyMapper.class);  
job.setReducerClass(MyReducer.class);
```

Mapper와 Reducer 지정

```
job.setInputFormatClass(TextInputFormat.class);  
job.setOutputFormatClass(TextOutputFormat.class);
```

입출력 클래스 지정

```
job.setOutputKeyClass(Text.class);  
job.setOutputValueClass(IntWritable.class);
```

Reducer 실행 후 결과 타입