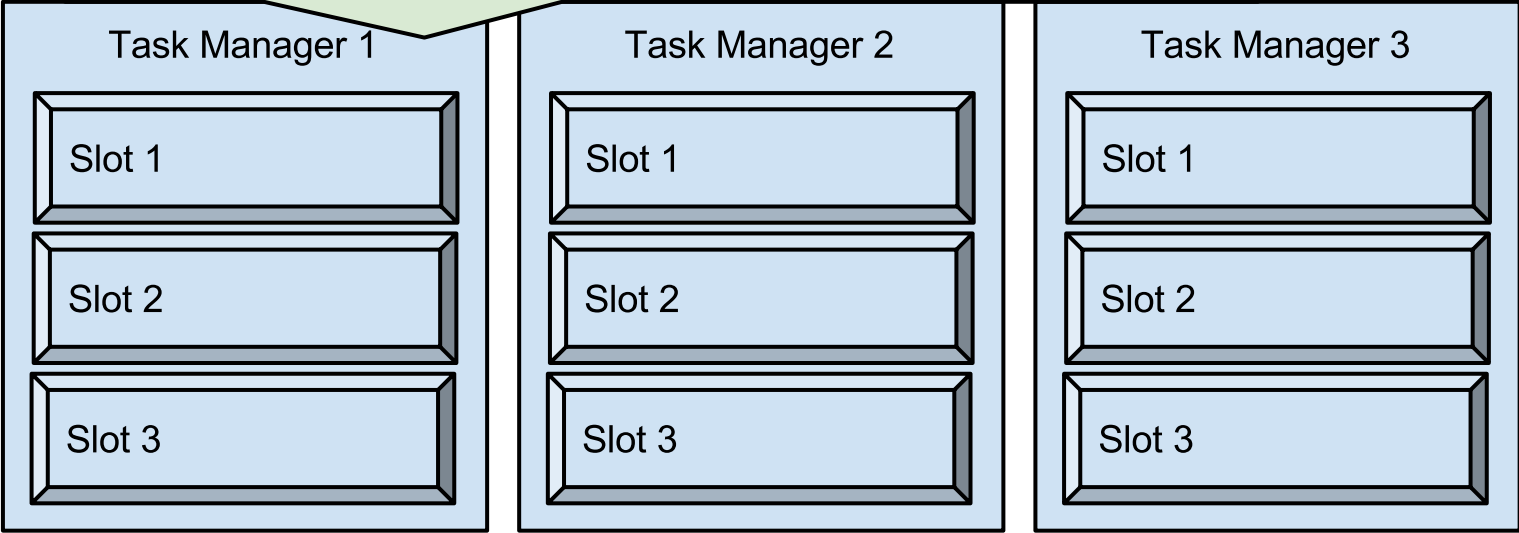


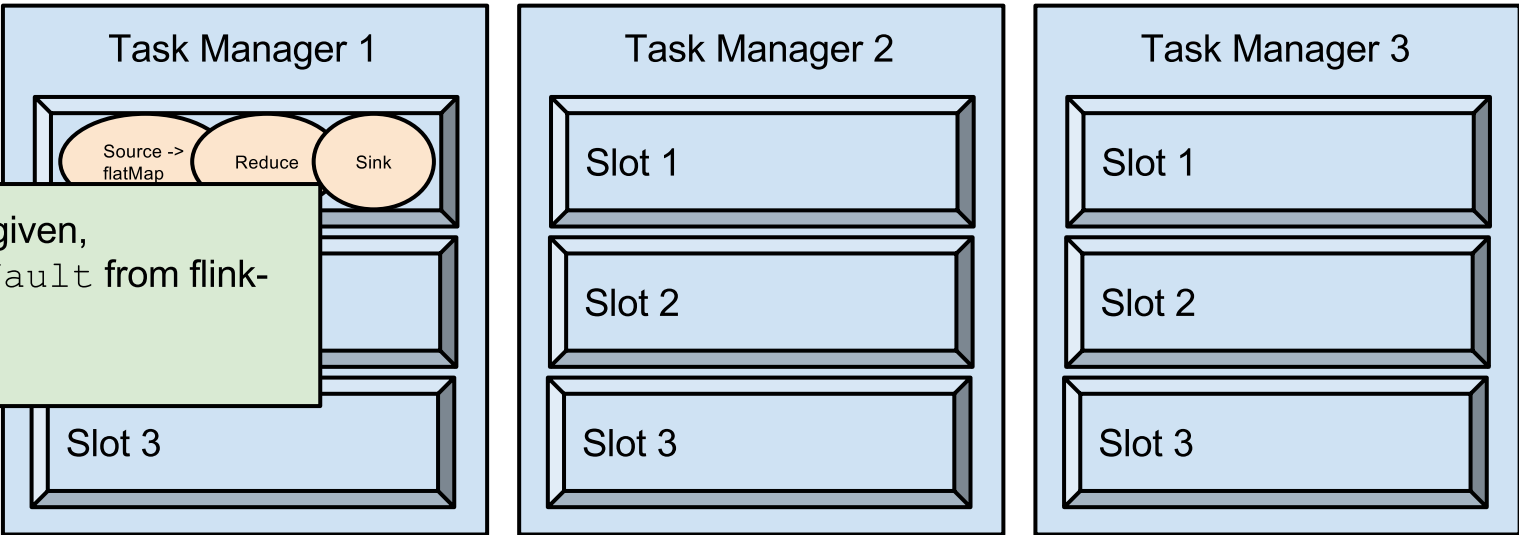
**flink-conf.yaml:**  
taskmanager.numberOfTaskSlots: 3  
(Recommended value: Number of CPU cores)

Task Managers: 3  
Total number of  
processing slots: 9



Example 1:  
WordCount with  
parallelism = 1

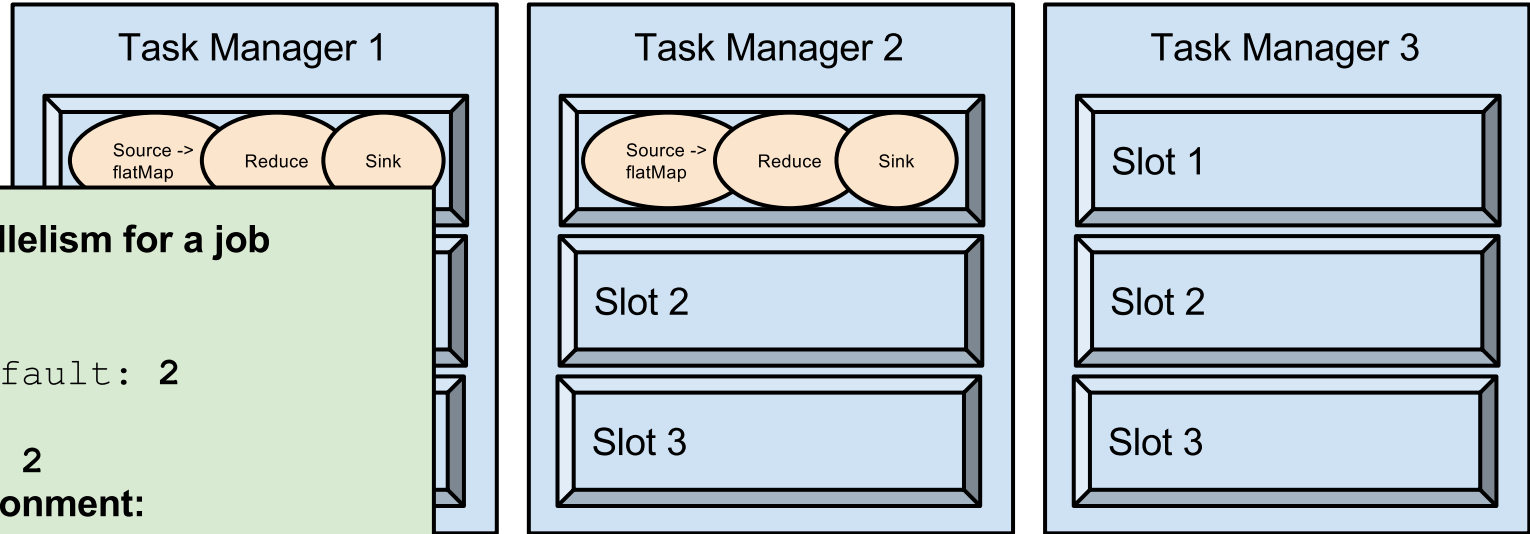
When no argument given,  
`parallelism.default` from `flink-conf.yaml` is used.  
Default value = 1



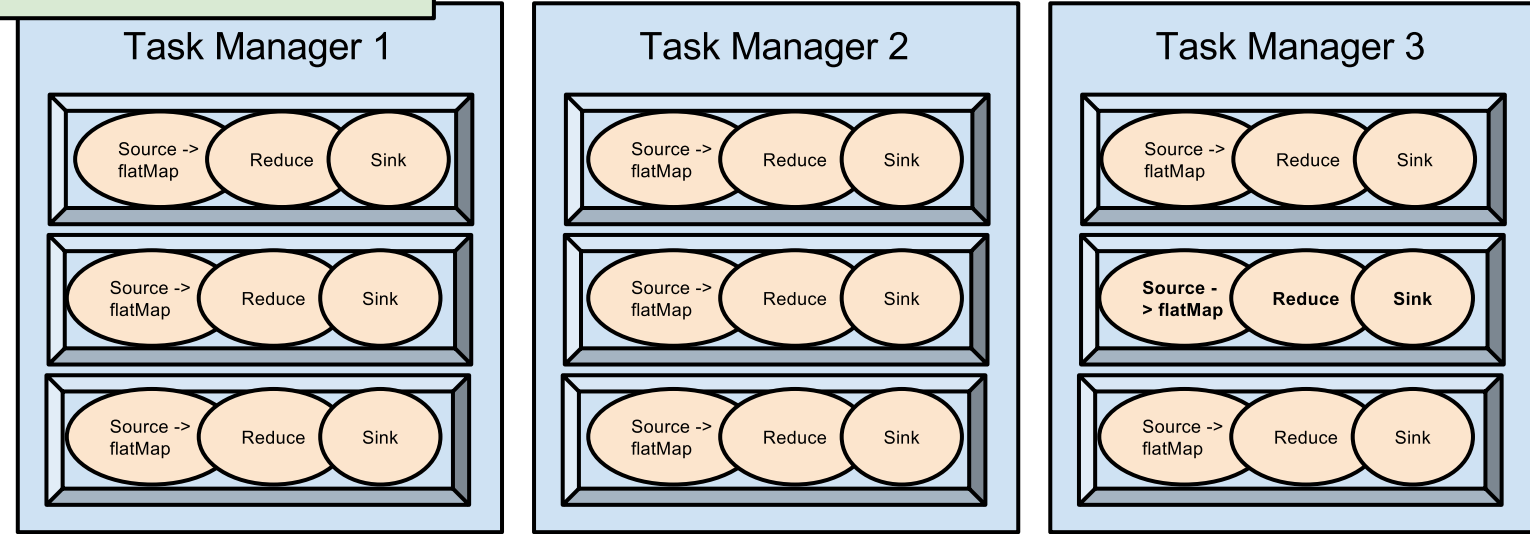
Example 2:  
WordCount with  
**parallelism = 2**

**Places to set parallelism for a job**

**flink-conf.yaml:**  
`parallelism.default: 2`  
**or Flink Client:**  
`./bin/flink -p 2`  
**or ExecutionEnvironment:**  
`env.setParallelism(2)`



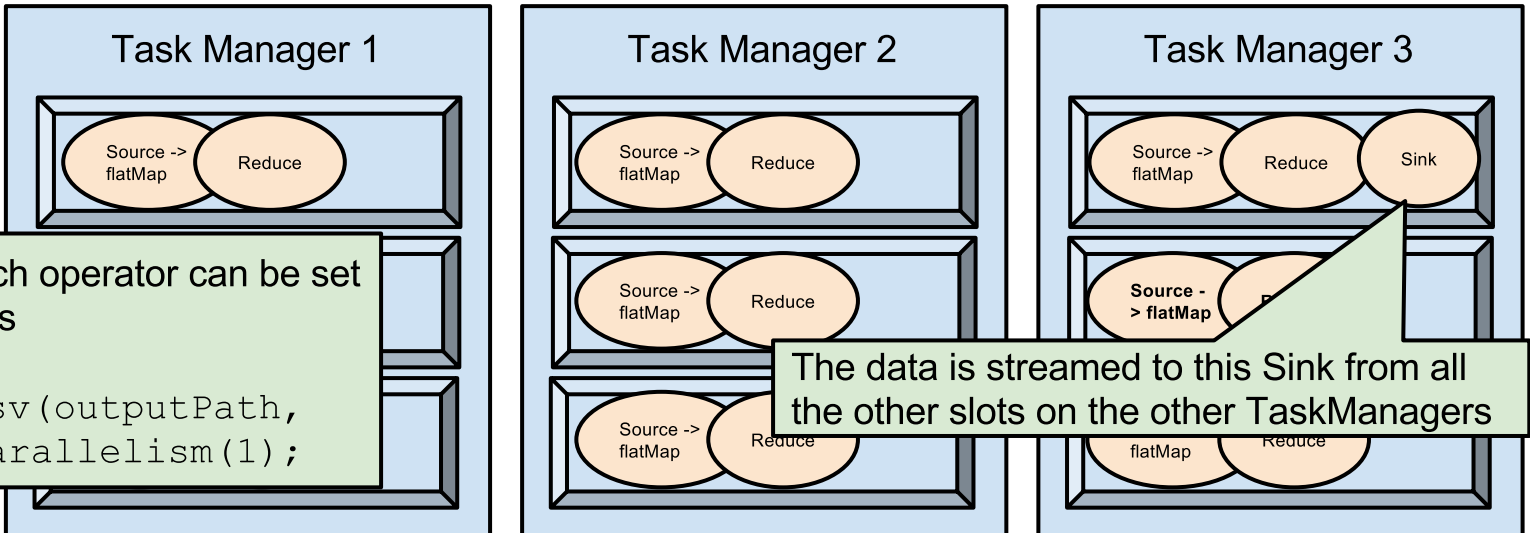
Example 3:  
WordCount with  
**parallelism = 9**



Example 4:  
WordCount with  
**parallelism = 9 and  
sink parallelism = 1**

The parallelism of each operator can be set  
individually in the APIs

```
counts.writeAsCsv(outputPath,  
"\n", " ").setParallelism(1);
```



The data is streamed to this Sink from all  
the other slots on the other TaskManagers