

org.apache.spark.deploy.  
SparkSubmit

+submit(args: SparkSubmitArguments): Unit

-childArgs

driver

write()

cmdline args

args.txt

read()

app.jar

Guard  
Eval.class

load()

app.json  
(JumboJson)

read()

org.apache.spark.rdd.  
RDD

+count()

+collect()

+(other\_actions...)

org.apache.spark.  
SparkContext

+resultComputed(result: Any ): Unit){  
dagScheduler.resultComputed(result)  
}

org.apache.spark.scheduler.  
DagScheduler

+resultComputed(result: Any ): Unit

+runJob()

-appJson

-validExecFlows

-symbolsMap

org.apache.spark.deploy.control.  
HeuristicSymExControlUnlimited

+nextProfile(  
 appJl: JsValue,  
 valExFlows: java.util.ArrayList[Integer],  
 jobId: Int): JsValue