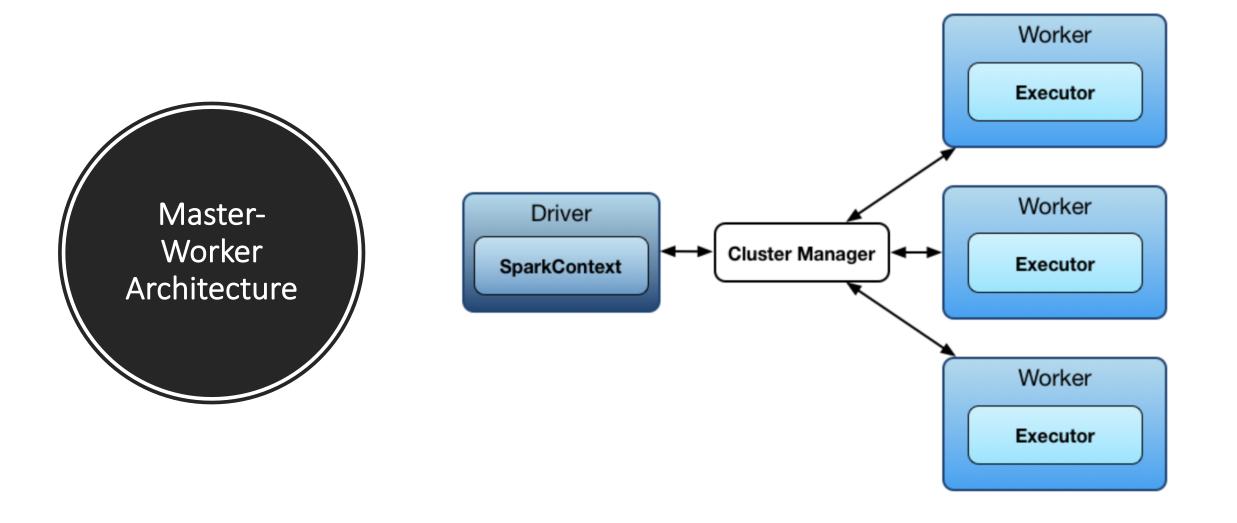
## SOCIE

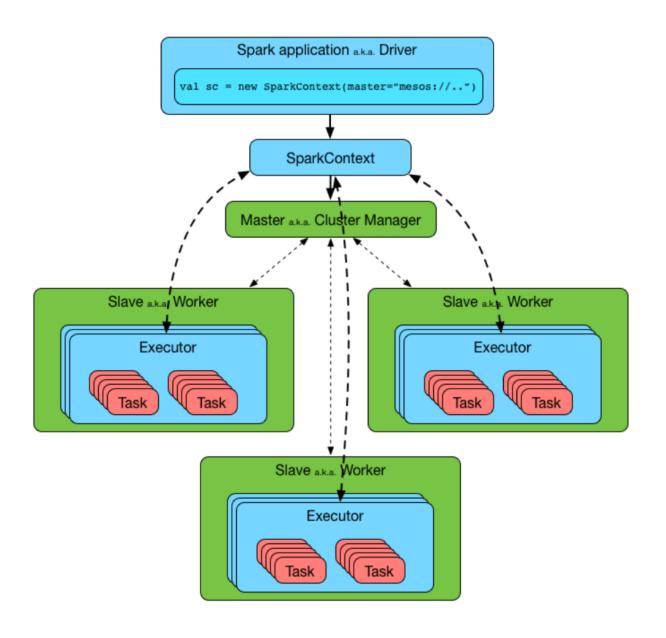
## Master-Worker Architecture

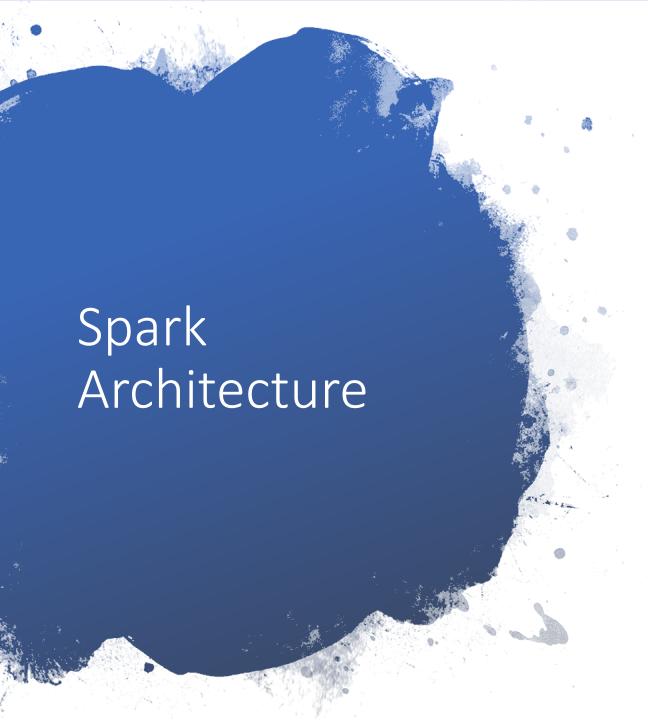
- Spark uses a *master-worker* architecture.
- The *driver* that talks to a coordinator called the *master* that manages *worker* where *executors* run.

Credit



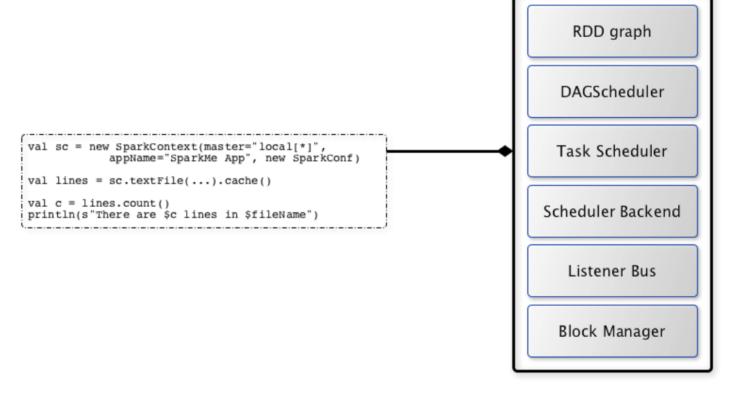
The driver and the executors run in their own Java processes. You can run them all on the same machne or separate machines





- An executor is a distributed agent that is responsible for executing tasks
- A **master** is a running Spark instance that connects to a cluster manager for resources.
- Workers are running Spark instances where executors live to execute tasks.
  They are the compute nodes in Spark.
- Every Spark application starts by creating SparkContext
- **SparkConf** is the Spark Configuration





Spark context