

Terminology

- **PayLoad** – Applications implement the Map and the Reduce functions, and form the core of the job.
- **Mapper** – Mapper maps the input key/value pairs to a set of intermediate key/value pair.
- **NamedNode** – Node that manages the Hadoop Distributed File System (HDFS).
- **DataNode** – Node where data is presented in advance before any processing takes place.
- **MasterNode** – Node where JobTracker runs and which accepts job requests from clients.
- **SlaveNode** – Node where Map and Reduce program runs.
- **JobTracker** – Schedules jobs and tracks the assign jobs to Task tracker.
- **Task Tracker** – Tracks the task and reports status to JobTracker.
- **Job** – A program is an execution of a Mapper and Reducer across a dataset.
- **Task** – An execution of a Mapper or a Reducer on a slice of data.
- **Task Attempt** – A particular instance of an attempt to execute a task on a SlaveNode.