Task

Task

A task contain partial job information such as data split, etc. in order to accomplish a job.

Phase

A *single* task phase.

- STARTING: Initial phase
- COMPUTE: Within bsp()
- BARRIER_SYNC: Reaching sync().
- CLEANUP: Finish entire supersteps execution.

? Unknown Attachment

State

This only indicate *a* task state.

- UNASSIGNED: Initial state of a task.
- RUNNING: Only valid when a task is either in **COMPUTE** or in **BARRIER_SYNC** phase.
- SUCCEEDED: A task *completes* its execution at the end of **CLEANUP** phase.
- FAILED: An **exception** or an **error** occurrs.
- KILLED