SlaveReporter Activity Diagram

Previous Component	SlaveReporterMainThread	SlaveReporterWorkerThread

Return Partial SliceContainer

start

SlaveReporter runInternal method: fork workerthread

isQueueFull?

Yes → **Block until condition is false**

No

Write to the SynchronizedQueue

Is Last chunk?

No / Yes

isQueueEmpty?

Yes / No

Read from the SynchronizedQueue

Is First chunk?

Yes → **Send Metadata Information**

No

Serialize Slices

Send serialized slice path and chunk size to the master

Is last chunk?

No / Yes

SlaveReporter runInternal last chunk- join Workerthread

End

Each Chunk