Command interface

Master to worker

1. Start

messageType:command

messageID: start

processName

processID

args

1. migrateSource

messageType:command

messageID: MIGRATESOURCE

processID

targetWorkerID

1. migerateTarget

messageType:command

messageID: MIGRATETARGET

migratableProcess

1. kill

messageType:command

messageID: KILL

processID

1. exit

messageType: command

messageID: SHUTDOWN

1. assign\_id

mesageType: command

messageID:ASSIGNID

workerID

1. remove\_proc

messageType: command

messageID: REMOVEPROC

procId

Worker to Master

1. Start response

messageType: response

messageID: START

prcessId

processName

Result : SUCCESS|FAIL(SUCCESS:0,FAIL:-1)

CAUSE: STRING

1. migarateSource

messageType: response

messiageID: migarateSourceRes

migatarableProcess: process

int targetWorkID

processId

Result:

Cause:

1. migarateTarget

messageType: response

messageID: migarateTarget

processId

TargetId

Result

Cause

1. kill

messageType: response

messageID: kill

processId

Result

Cause

1. workerinfoReport

messageType: response

messageID: pullinfo

HashMap<Integer,ProcessInfo.Status> workerInfo