TaskProcessing

ProcessTasks

WaitForCommand

receive(function, position) /
drive.driveTo(position)

function

[Command::DriveTo]

[Command::DriveToAndUnload]

Drive

DriveAndUnload

arrived()

arrived() / drive.unload()

Unload

unloaded()

/ server.send(Notification::Done)

NoNeedToCharge

batteryEvent(batteryLevel)
[batteryLevel >= BATTERY_FULL] /
server.send(Notification::ChargedUp)

batteryEvent(batteryLevel)
[batteryLevel <= BATTERY_LOW] /
server.send(Notification::NeedsCharge)

NeedToCharge

<<enumeration>>
Command

DriveTo
DriveToAndUnload

<<enumeration>>
Notification

Done
NeedsCharge
ChargedUp