HardwareAdministration

HardwareController

- server: server

+ HardwareController()
+ getServer(): Server
+ writeServer(server: Server): void
+ setResources(newResource: resource, soft: int, hard: int):void
+ changeContainerLimit(server: Server, limit: int):void
+ selectServer(server: Server): void

Database-Package

Server

- name: string
- address: string
- status: string
- containerLimit: number
- selectedForExecution: boolean
- cpuResource: resource
- vmemResource: resource

+server()

+ getName(): string
+ getAddress(): string
+ getStatus(): string
+ getContainerLimit(): number
+ isSelectedForExecution(): boolean
+ getCpuResource(): resource
+ getVmemResource: resource

+ setName(name: string): void
+ setAddress(address: string): void
+ setStatus(status: string): void
+ setContainerLimit(limit: string): void
+ setSelectedForExecution(selected: boolean): void

+ checkStatus(): boolean
+ extractServer(cls, request_details: request): Server
+ encodeServer(): dict