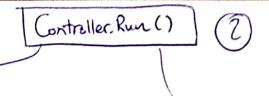
Controller. Run() DEVICE WANAGER (2) so fix notestuto Init Nodes Into () (ONCE) nodes Info = map [nodeName] -> Node Info pods = dummy pods (label "Kubeshare/role" = "dummy Pod") sharepods = all sharePods on the apisomer NodeInfo = struct [- for pod in pods (dummypods) : } GPUID2GPU = map[GPUID] -> GPUID stract [UUID, Usage, Mem, PodList 3@ UUID2 Port=map[UUID] -> string GPUID = labels ("Kubeshare/GPUID") if Nodes Info [nodeName] DOESN'T EXIST & make nodes Into Enderbure I with PodManagerPortBitMap bitmap mate nodes Info [NodeName]. GPUID2GPU[GPUID]
and set default fields: UVID = "" POJIP (A) @ PodList = List of struct Pallequeil PodList=empty list else (if nodeInfo[nodeName] EXISTS, just do A). struct PooRequest; [Key: storing for sharepod in sharepods: { check Annotations (gpv-request, limit, mem) make sense (<1.0, mon-negative, etc) Request If loat Limit : float Memory : int if nodes Into [noderlame]. GRUIDZGPUEGPUID) expirits: & Pod ManagePort: Int add PodRequest to PodList of GPUID tix procen DumnyPodLater (this is in case deine manager is restarted while Pods one still hunning



Start Config Manager ()

server that talk to config-dist a the noder:

- (1) receiver list of UUIDS of the PUS on the Node from config-client (establisher a UID Dutabase)
- (2) update Annotations of Nodestatus on the apisemer "Kuberhore/gpu-lito"= GPU-UUID: mem (in HiB)

(3) update (UUID2 Port) In 20 nodes luto [nodeName]

(4) syncConfig(); send PodList of that Node to Config-clet for every GPUID that considerings to thet node config-chent:

check notebook Notes!!

- rends bothere, list of viros

- wait for "Regult", unites

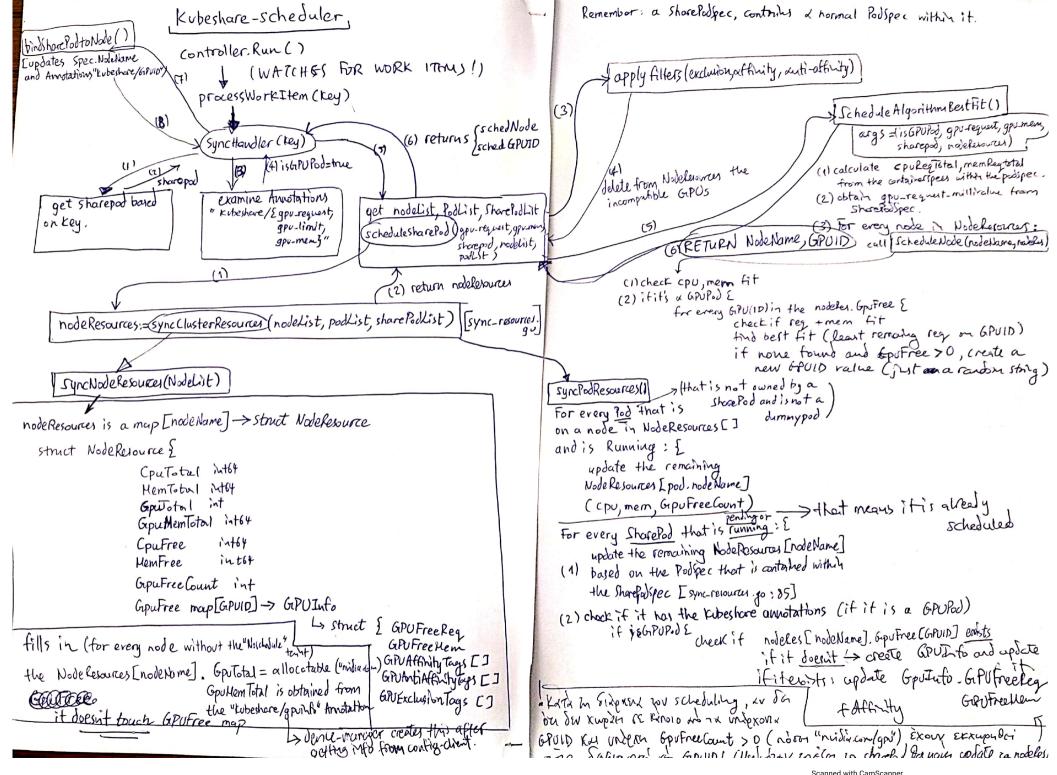
Podlit to prosel files.

Shandle-objectus

For Pods (dummy). extents unix from their logs and updates

GPUIDZGPUEURUID).UUII

(Controller Runc) [for sharehols on the aplsoner] process Next Work Item () SyncHandler () Inputis a sharepod that has been Scheduled (nodeName & "") it Joen't ere'st (unp if node. GPUIDZGPU [GPUID] contri add PodRequest Eter, Limit, Meury, Rort? · add Polequent to & gpu-Podliste · create Dummy Pod (nodeName, GiPULD) to the mod GIPU'S PodList when summypod gots created: (getobject) lépôtes cuit of and call syncconfig () the key at Pollequent is are to requeue it too for procenty



() April Hong Pool to Node (

Lupdates Spec. Note Name and Annotations "Kubeshare/688410" nodeResources is a map [nodeName] -> struct NodeResource the Node Resources [noderbine]. Spotetal = allocatable (unidad) GRUATANTY Tays [] fills in (for every node without the Whichblul tent) struct NodeResource & get sharepod banco nodeResources:=(syncClusterResource) (nodeList, podList, sharePodList) ([sync-resource] SyncholeResource/(Nodeli)t) HemFree apuFree map[apulo] -> GIPUInfo ExpuFreeCount int ConFree SeputMemTotal int64 aputotal int Coutstal little HemTotal Nts4 sharapa the "kubeshere/gring" modulation Goullem Total is obtained from 12464 La struct { GPUFreeReq 620ExclusionTogs CJ "GRUNDIARY LINES I I

but our known to know and in unpoxona for every god that is shoet on a node in NodeResources[] syncPodResources(1) > (Hatis not owned by a shoePod and is not a and is Running: { update the remaining update the remarking KodeRossuras IndeName]
(1) based on the Poolines that is contained within (2) charifit has the tubeshore annotations (if it is a GPURd) For every SharePod that is running. E (cpu, mem, seputree Count Node Resources [pod. node Name] the Sharefulspec I sync-resources go: 85] if year upod & check if (2) ifit's a GPUP.) E for every fill(1p) in the nodeles. Grufree E
check if reg + mem fit
that best fit (least remains reg on GPUID)
if none found and spotree > 0, create a new offuld rature (just and random story) nodocles [nodeName], Seputree (GADUA) conts dummypod if it doesn't - create about to and uplate Fitewart, update Governo Grufreeles athat mans it is already +AFT GRUTTELLEN

t doesn't touch

by device-married creates this after

GRUID KU UNDERN Eputreclant > 0 (no son "nistican/got") excuy sexupular)

