job {
  vender id
  job id
  group
  key
  role
  description
  priority
  [task s]
}

hash

job_$group-$key$ role
  -$jobid → {
    state ___
    desription ___
    priority ___
    group
    role , vendor
  }

task {
  job_id
  hash
  port
  addressing
  data
  result
}

hash

task_$jobid_$hash → {
  state ___
  port
  addressing ___
  Anfa ___
  result ___
}

worker_node {
  worker id
  description
  group, key
  role
  iP
  location
  service_hit
  ping_time
  state
}

hash

worker_$nodeid → {
  state ___
  descpn ___
  group ___
  key ___
  role ___
  ___
}

vendor-node {
  node_id
  desyrpthon
}

hash

dev_node$vendaid →

vendor-node {
  description
  ip
  location
  service.hit
  ping
  state
}

vendor-node$vendor-id →
{
  state ___
  desp ___
  ip ___
  ___
}

work {
  group
  key
  hole
  priority
  file-id
}

list

work_$grup_$key_$hole_$priority

→$task-id

task data

set

jobsdone {
  group
  key
  hole
  job-id
}

jobs_$group_$key_$hole

→$job-id

set

tasks.pending {
  jobid
  group
  key
  hole
}

tasks.pending_$grup_$key_$hole_$jobid

→$task-id