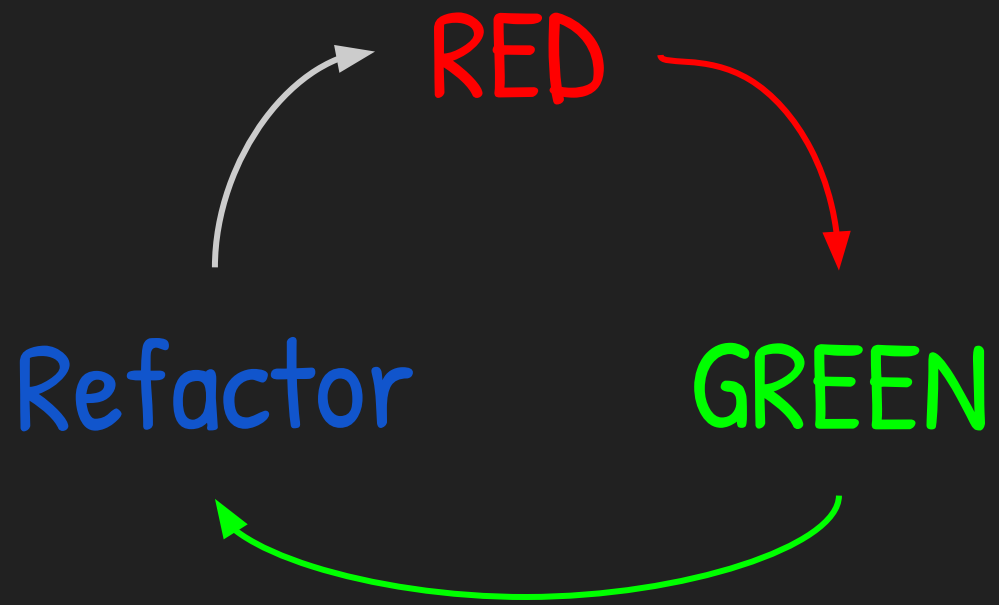
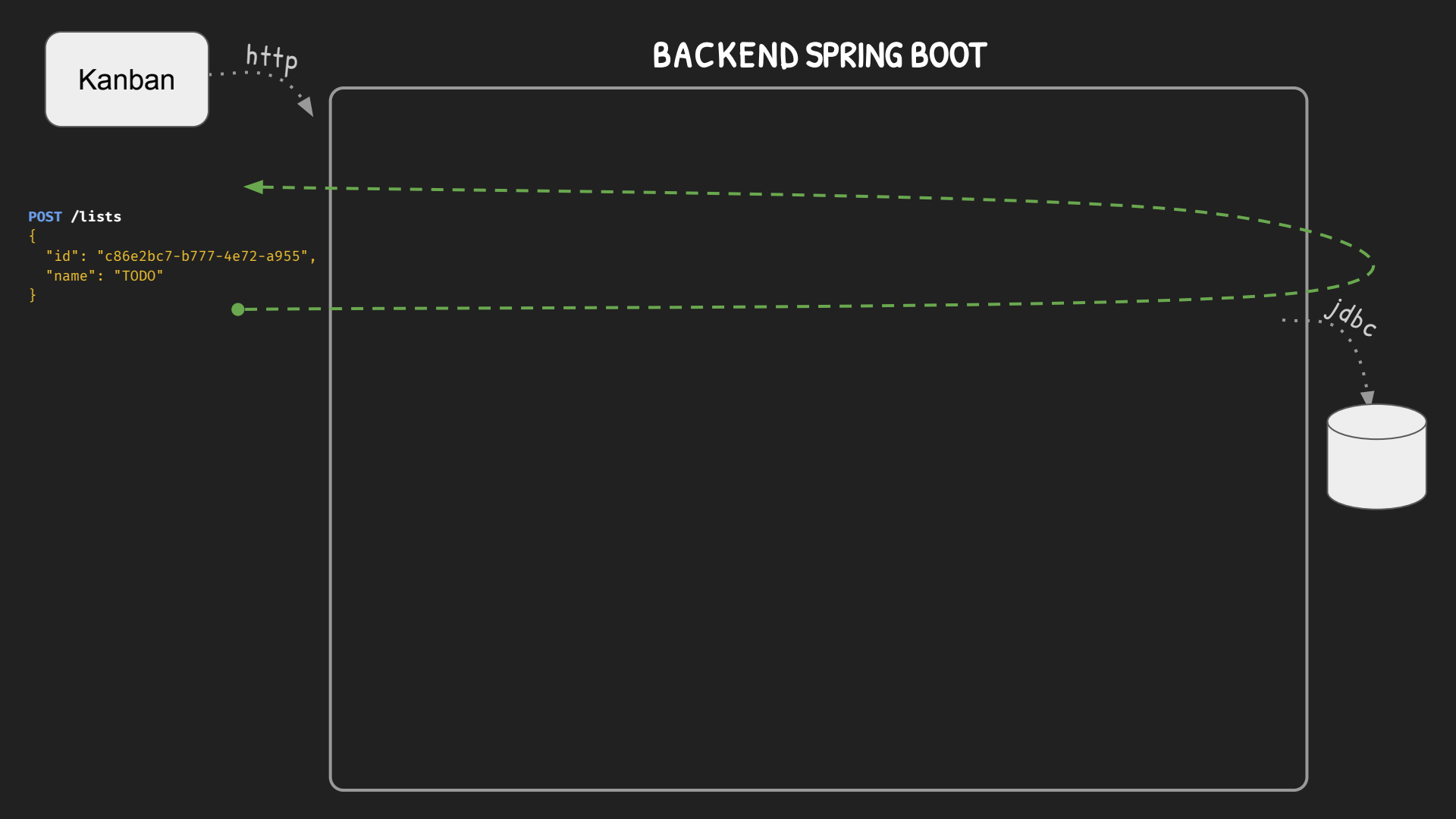
Test Driven Development

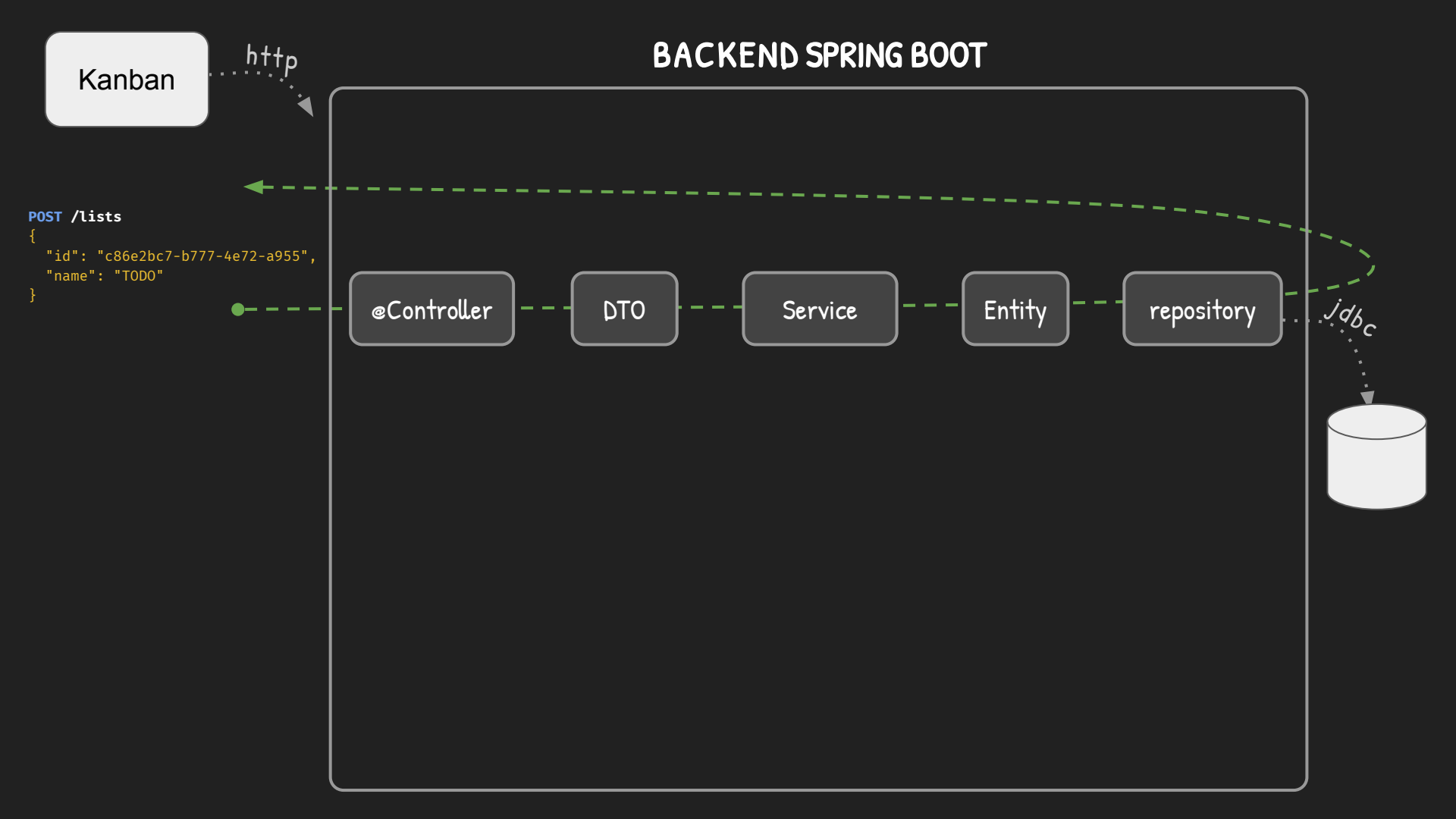


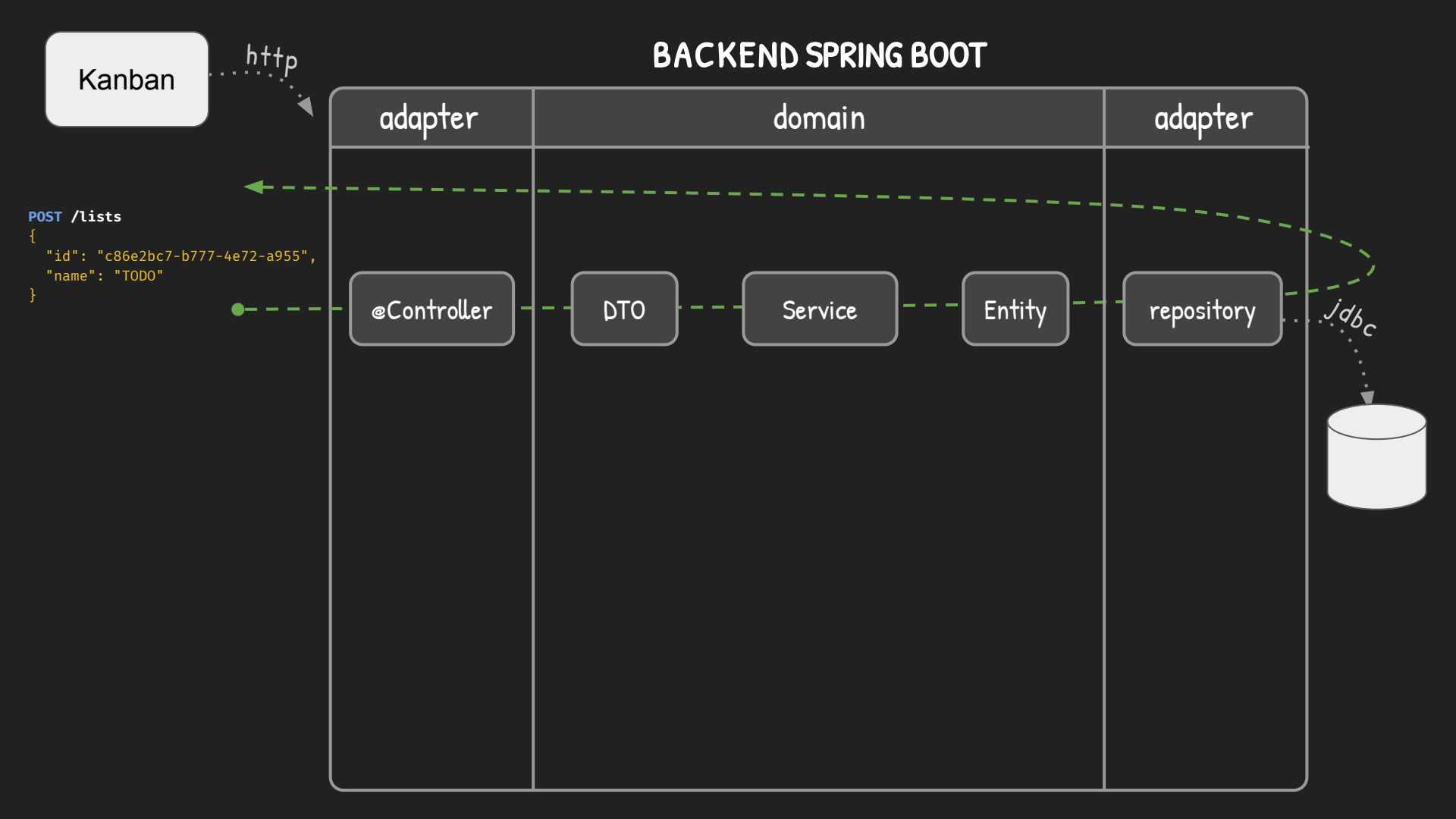
1) TDD - TEST FIRST

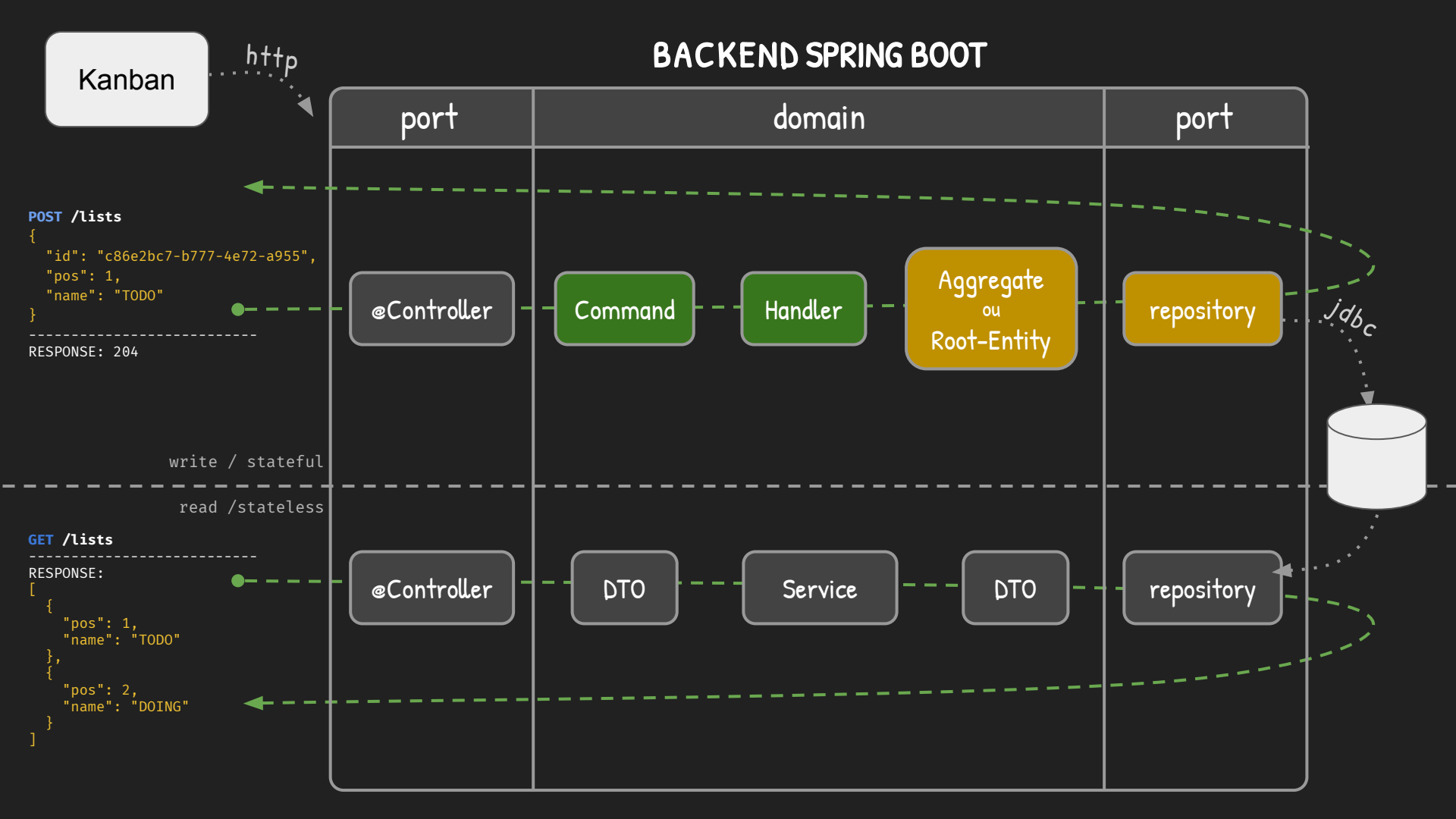
2) Arq. HEXAGONAL

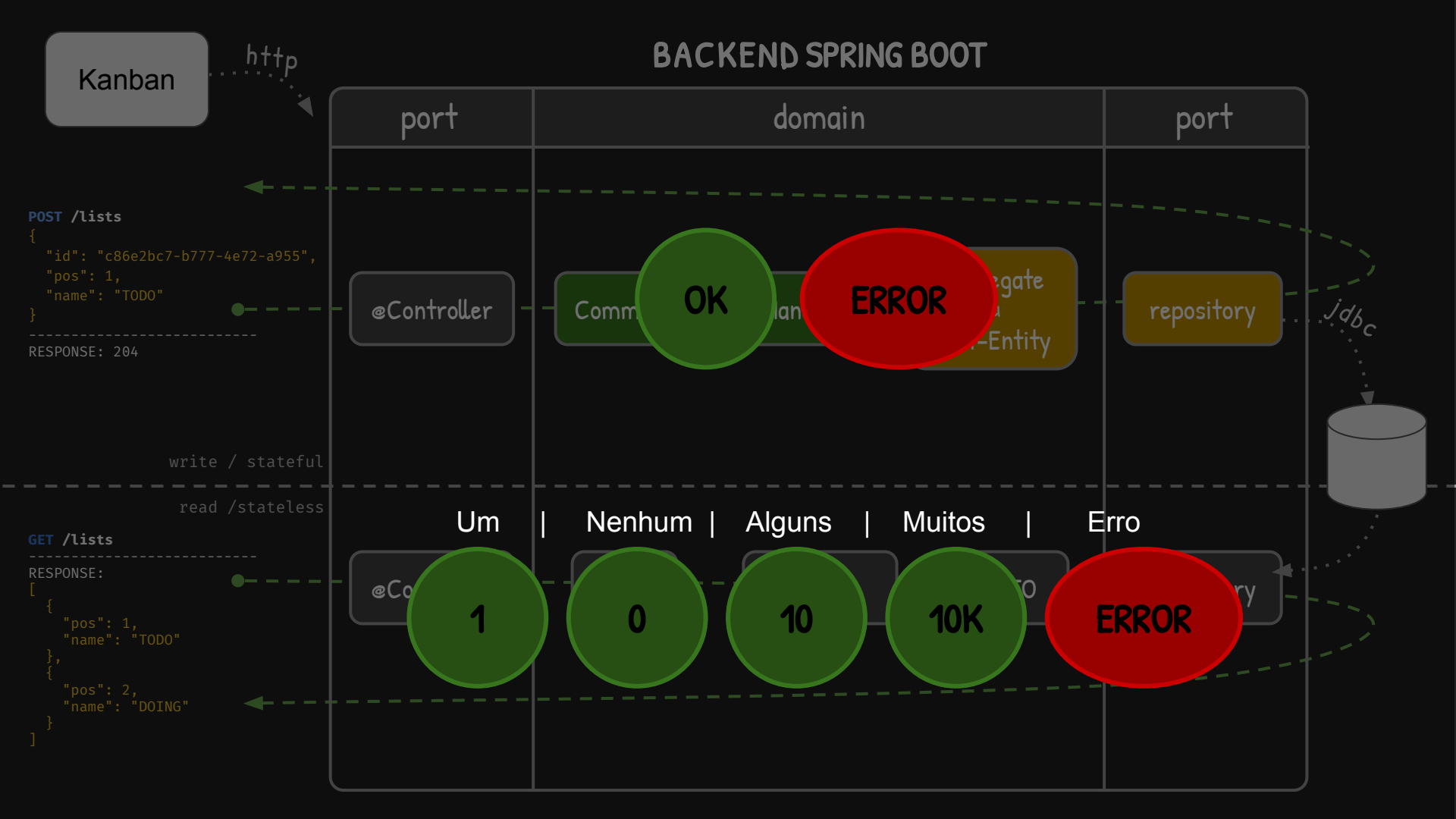
3) **C.Q.R.S** (**Command Query** Responsibility Separation)


Kanban
http
BACKEND SPRING BOOT
POST /lists
{
"id": "c86e2bc7-b777-4e72-a955",
"name": "TODO"
}
jdbc


Kanban
http
BACKEND SPRING BOOT
POST /lists
{
"id": "c86e2bc7-b777-4e72-a955",
"name": "TODO"
}
@Controller
DTO
Service
Entity
repository
jdbc


Kanban
http
BACKEND SPRING BOOT
adapter
domain
adapter
POST /lists
{
"id": "c86e2bc7-b777-4e72-a955",
"name": "TODO"
}
@Controller
DTO
Service
Entity
repository
jdbc


Kanban
http
BACKEND SPRING BOOT
port
domain
port
POST /lists
{
"id": "c86e2bc7-b777-4e72-a955",
"pos": 1,
"name": "TODO"
}
RESPONSE: 204
@Controller
Command
Handler
Aggregate
ou
Root-Entity
repository
jdbc
write / stateful
read /stateless
GET /lists
RESPONSE:
[
{
"pos": 1,
"name": "TODO"
},
{
"pos": 2,
"name": "DOING"
}
]
@Controller
DTO
Service
DTO
repository


Kanban
http
BACKEND SPRING BOOT
port
domain
port
POST /lists
{
"id": "c86e2bc7-b777-4e72-a955",
"pos": 1,
"name": "TODO"
}
RESPONSE: 204
@Controller
OK
ERROR
repository
jdbc
write / stateful
read /stateless
Um | Nenhum | Alguns | Muitos | Erro
GET /lists
RESPONSE:
[
{
"pos": 1,
"name": "TODO"
},
{
"pos": 2,
"name": "DOING"
}
]
1
0
10
10K
ERROR