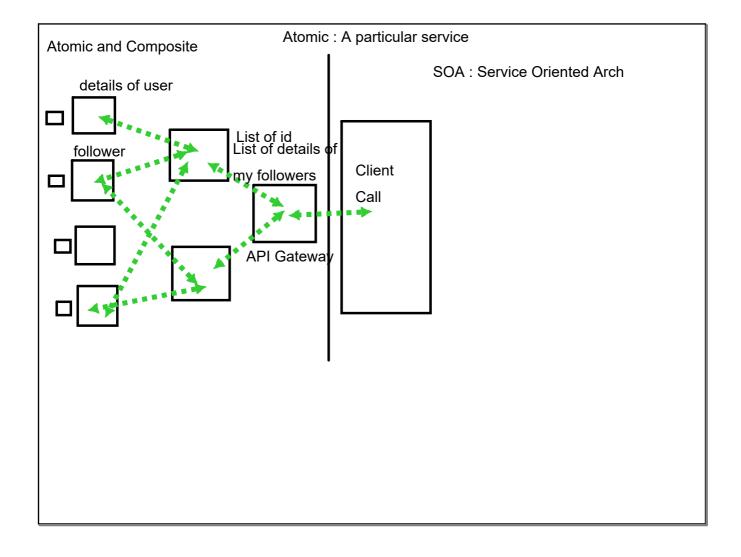
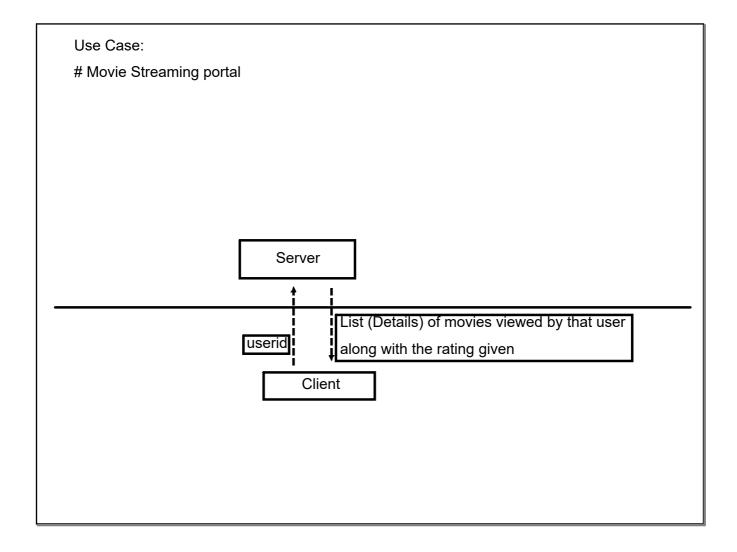
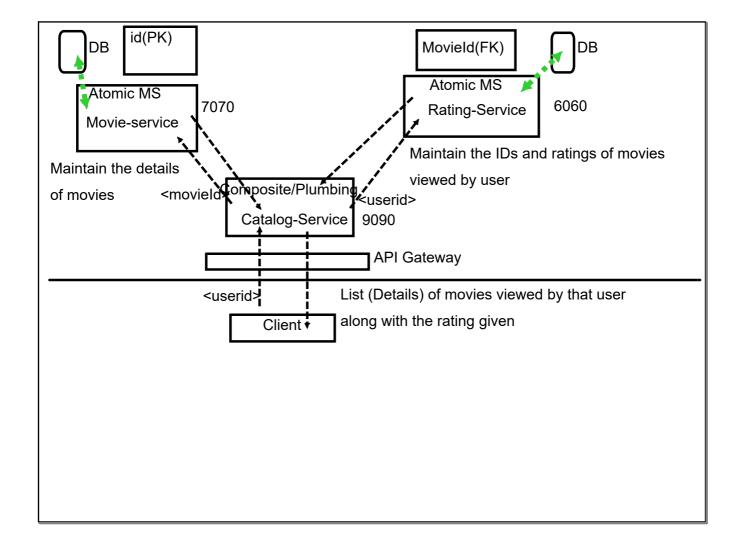
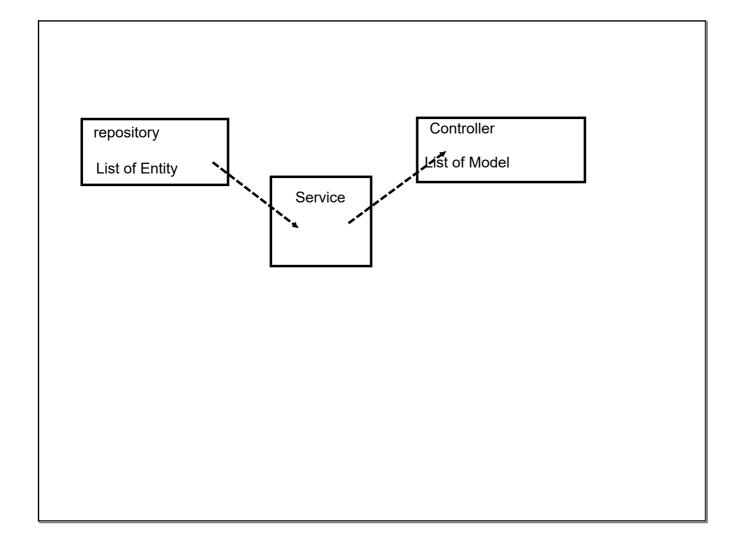
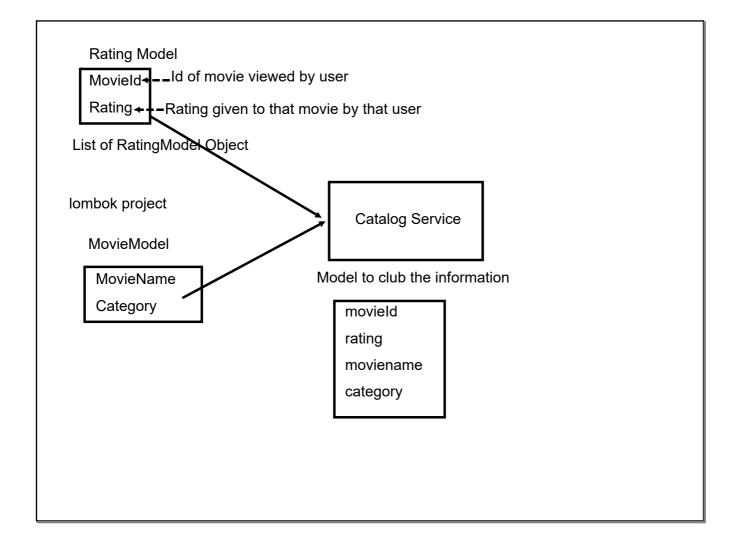
Microservice # Modularity	# Use technology # Single MS drop # Dynamic Scale up/Scale Down
Independent/Autonomou	IS .
Java	DB













Best Practice:

1. Should never return a list/collection directly

if list is huge, it creates problem in streaming back to calling service

it will stop us to update/add any additional info to associate in future

Model class

Collection

<Any additional info>

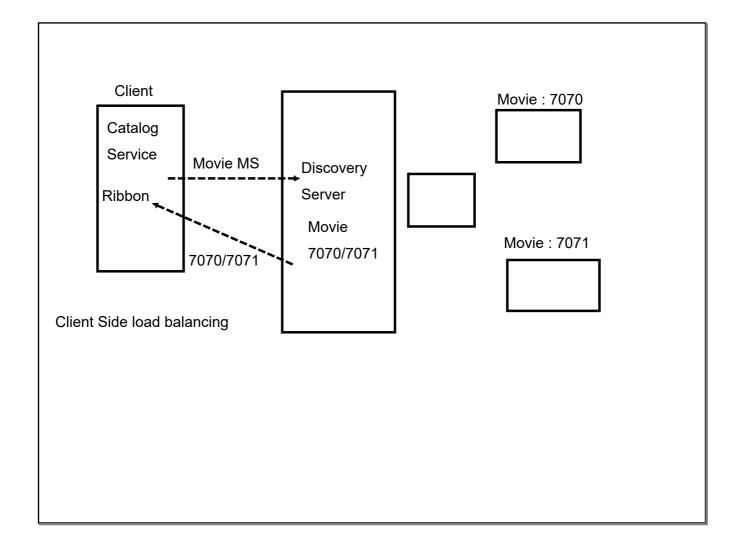
Naming Server/Discovery Server

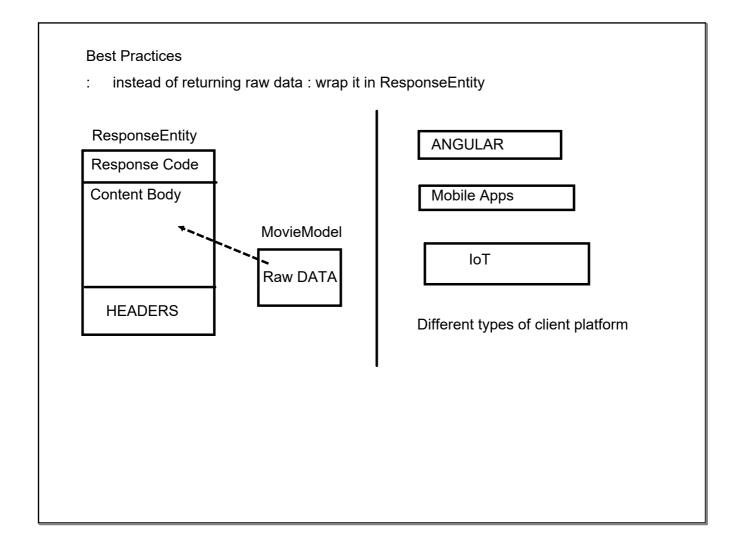
- ==> Eureka Server
- 1. no need to know the low level of MS (IP/PORT)
- 2. will auto fetch one of the instances of MS on demand

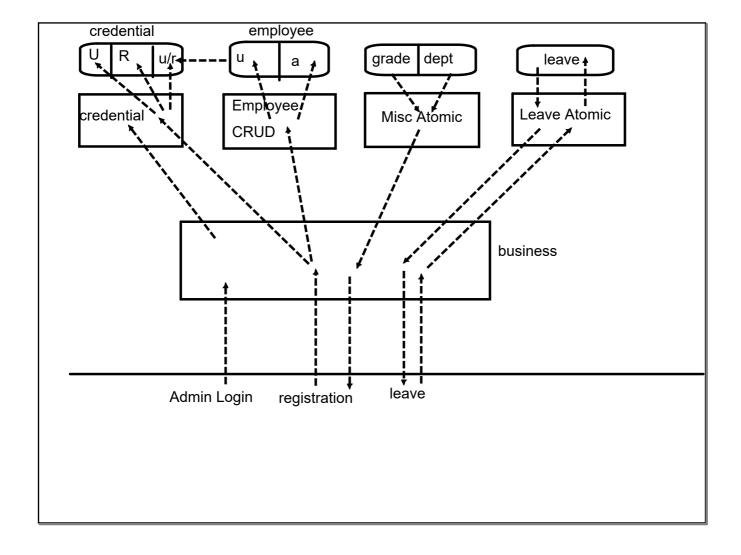
Feign-Client : add dependency

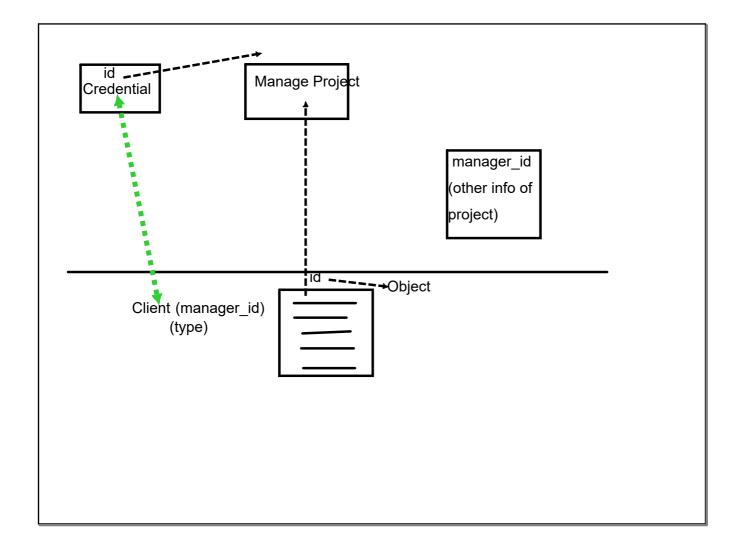
- => outsource URL management (HTTP management)
- => configurable
- => abstract
- => Add additional cloud tool

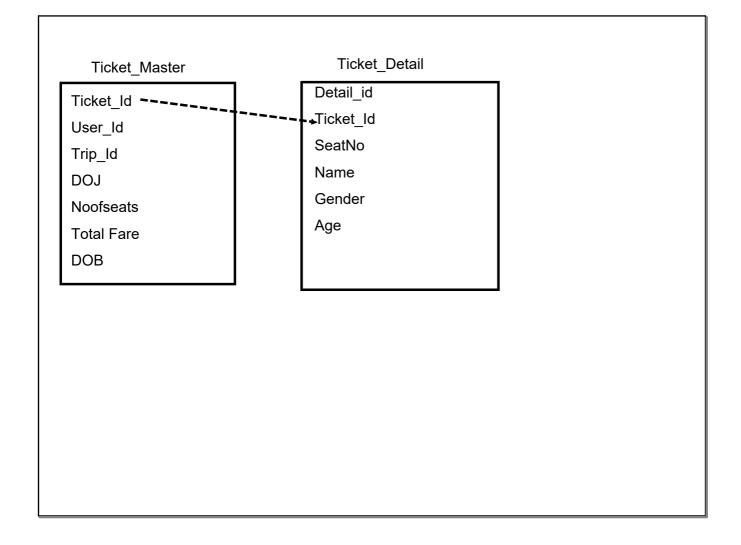
Feign Client: Works like a proxy # Create interface reflecting the http connection details of other MS (configuration file) # for every MS separate interface # Register all proxies with spring boot application Load Balancing: Ribbon (Client Side load balancer) # Add dependency

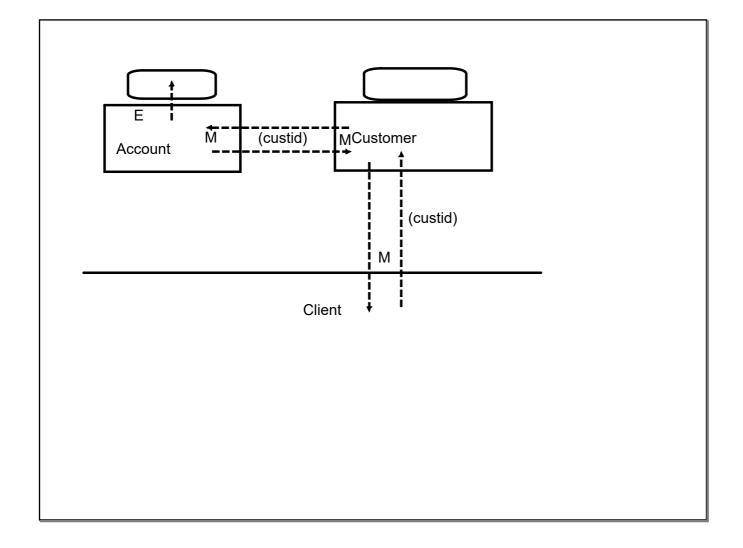




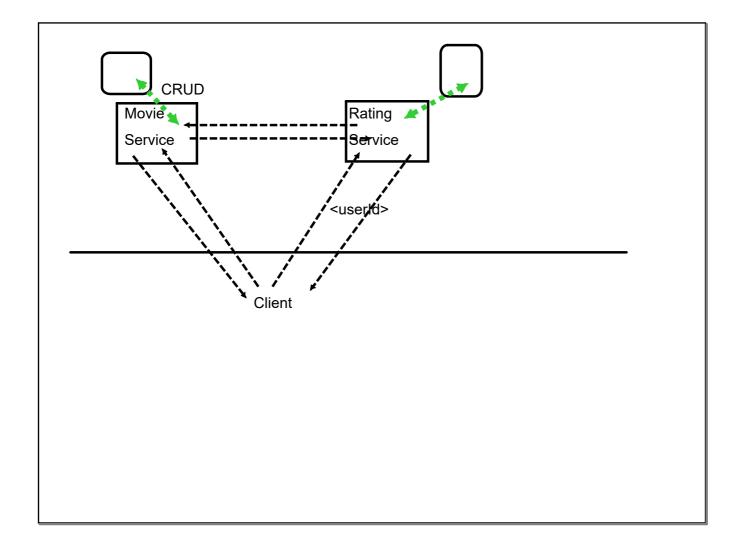


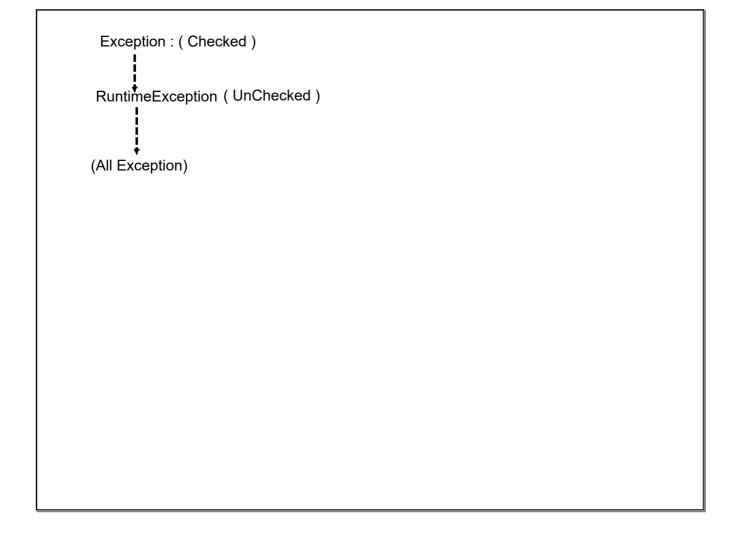


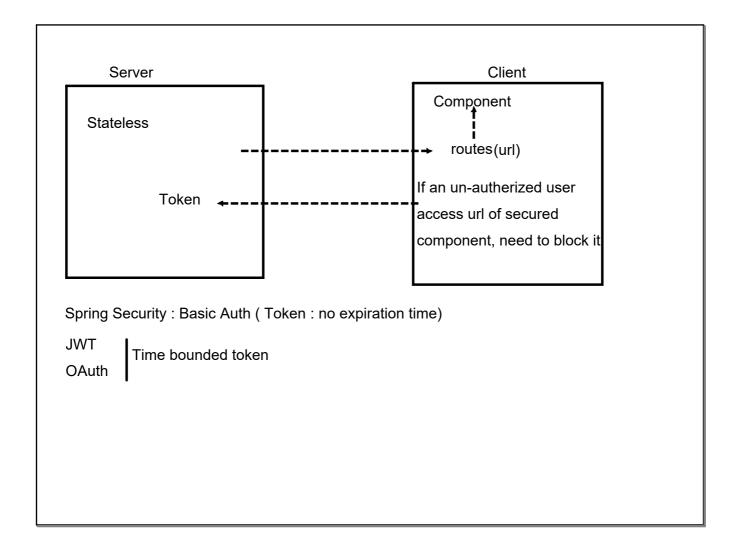




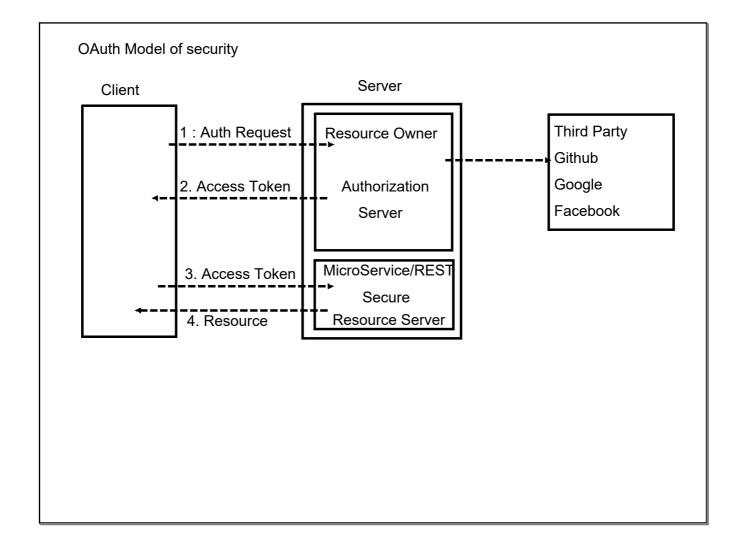
Custom repository methods				
1. Create an interface				
Add custom method prototype				
3. Create a class implementing methods of that interface (using EntityManager)				
4. inherit custom interface in repository interface				







Home Contact Admin	ng2-cookies
Home Contact / tariiii	



Authorization Server					
Two config file					
Config the standard spring security					
2. Config the OAuth (Third party rules)					
# OAuth requires passwords to be encoded					
# OAuth requires the AuthenticationManager from spring security					
# OAuth provided its own internal REST Endpoints					

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OAuth Credential (Basic Authentication)				
Application Credentials (form data)				
Resource Server (Microservice/REST Service)				
1. Resource Server Configuration				