



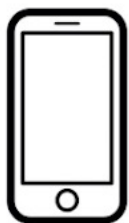
Orquestación de containers

Manuel Zegarra

<https://github.com/mzegarras>



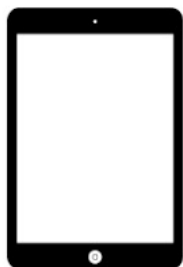
GitHub



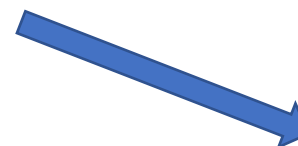
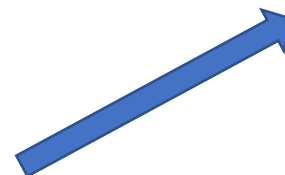
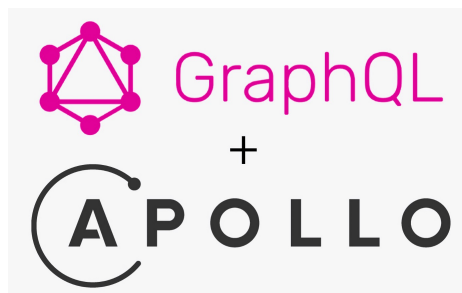
GraphQL client



GraphQL client



GraphQL client



Accounts



Customers



GET /accounts?type=DNI&number=11111111

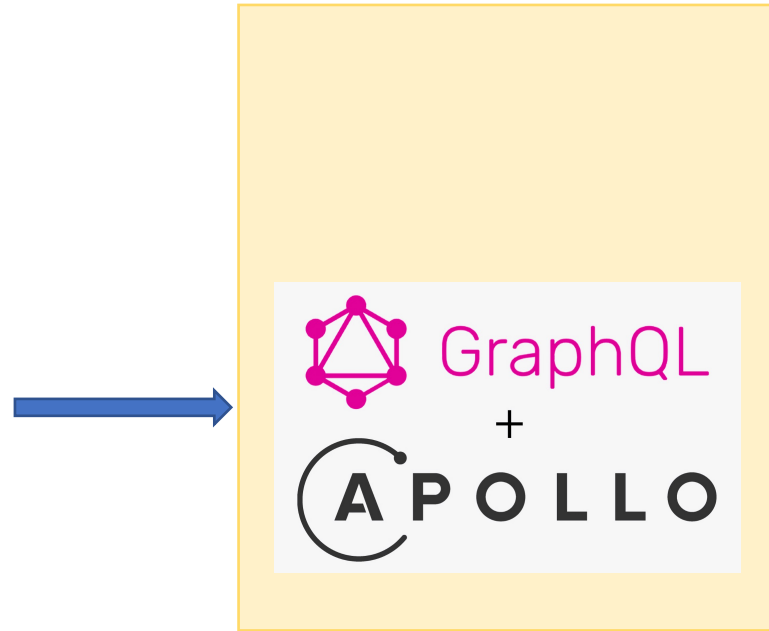
GET /accounts/100000002/transactions

GET "CLIENTES + CUENTAS + MOVIMIENTOS"

GET "CLIENTES + CUENTAS"

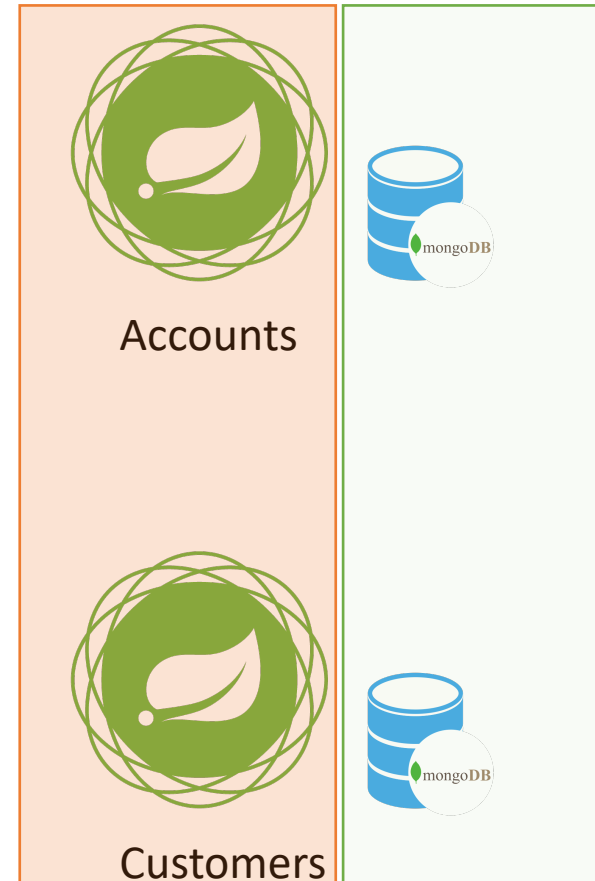
GET /customers?type=DNI&number=11111111

POST /customers



GET /accounts?type=DNI&number=11111111

GET /accounts/100000002/transactions















GET "CLIENTES + CUENTAS + MOVIMIENTOS"

GET "CLIENTES + CUENTAS"

GET /customers?type=DNI&number=11111111













POST /customers

Matriz requerimientos

	Local	DEV	QA	PROD
Mongo Server				
Java Server				
NodeJS Server				















Matriz requerimientos

	Local	DEV	QA	PROD
Mongo Server				
Java Server				
NodeJS Server				















Matriz requerimientos

	Local	DEV	QA	PROD
Mongo Server				
Java Server				
NodeJS Server				















Matriz requerimientos

	Local	DEV	QA	PROD
Mongo Server				
Java Server				
NodeJS Server				















Matriz requerimientos

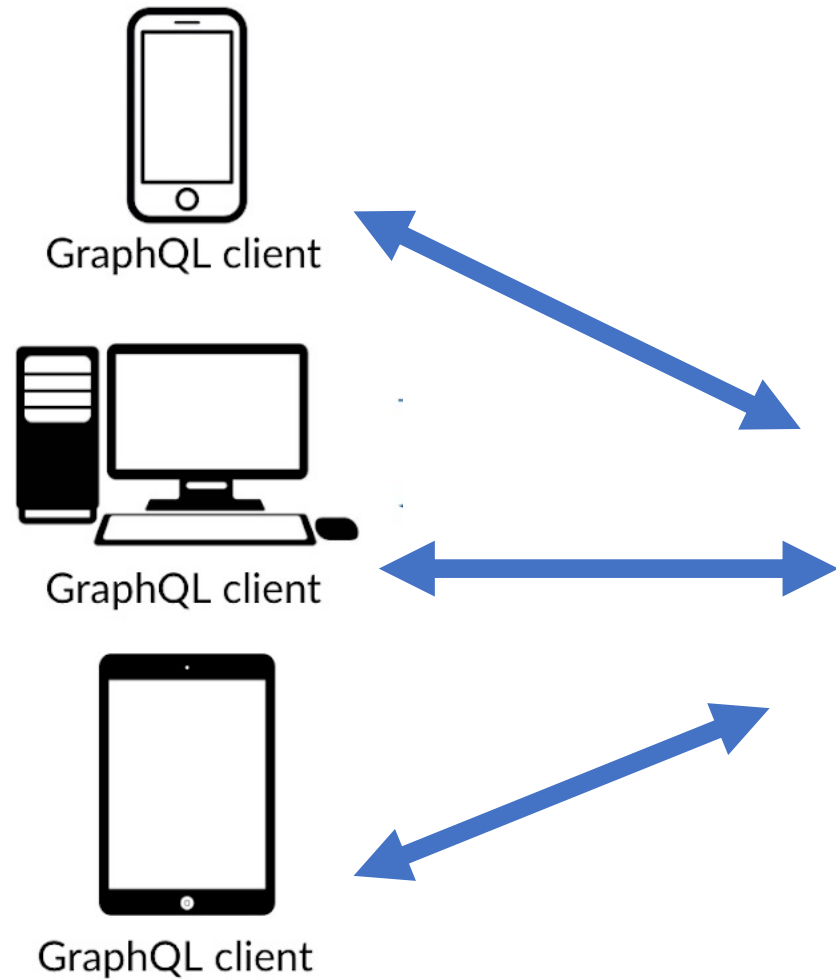
	Local	DEV	QA	PROD
Mongo Server				
Java Server				
NodeJS Server				



Matriz simplificada

	Local	DEV	QA	PROD
Mongo Server				
Java Server				
NodeJS Server				

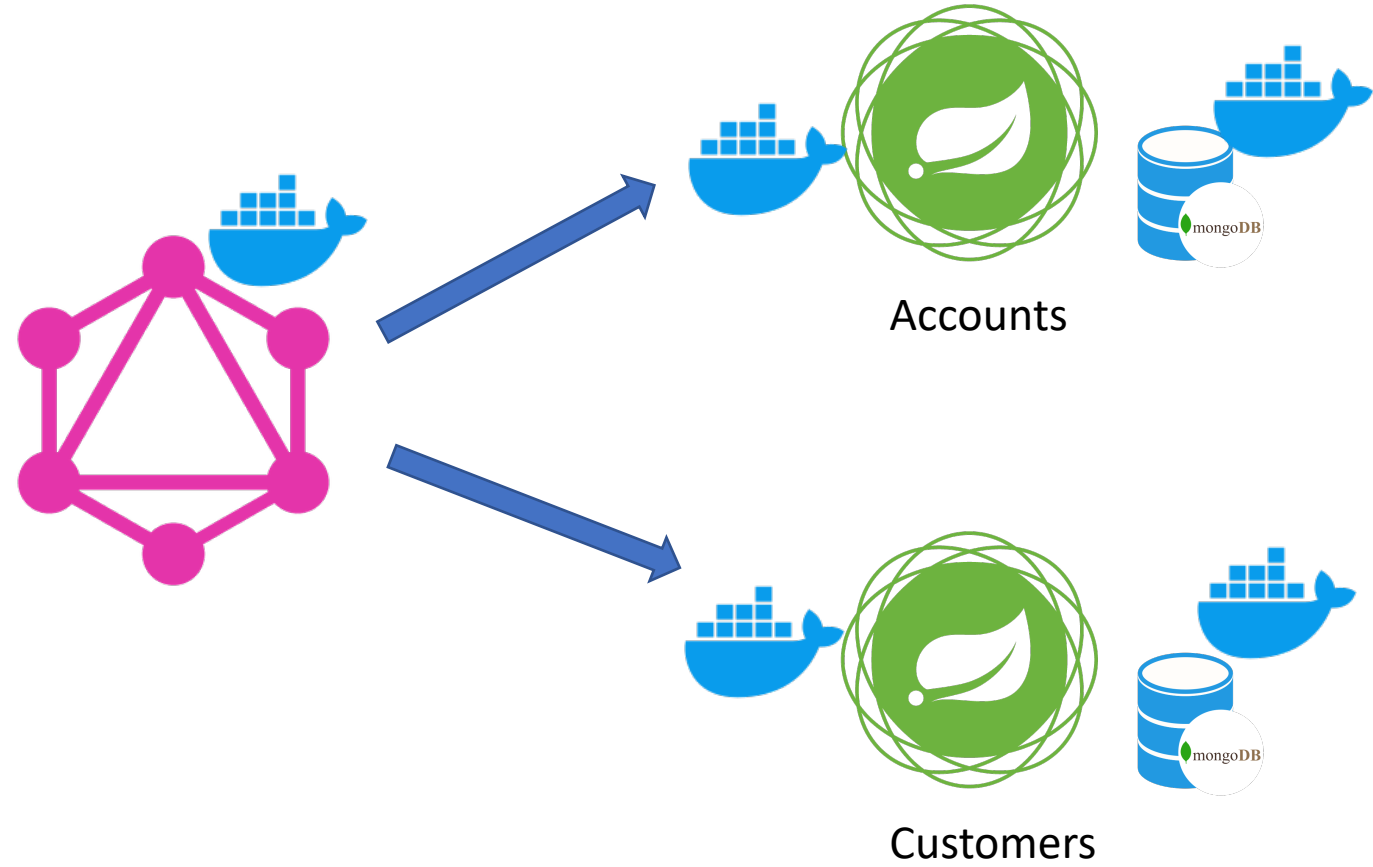




DEMO

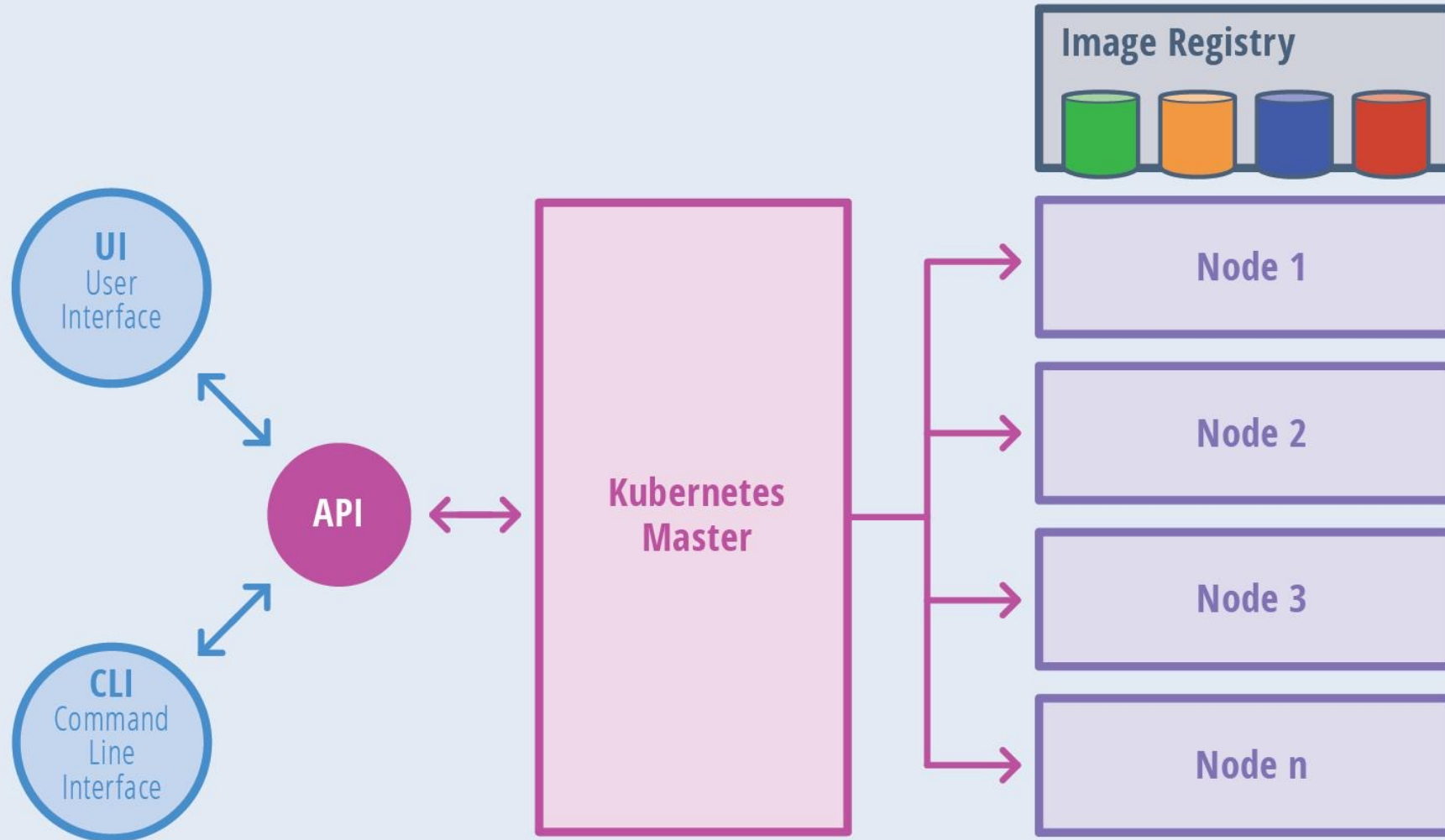
GET /accounts?type=DNI&number=11111111

GET /accounts/100000002/transactions



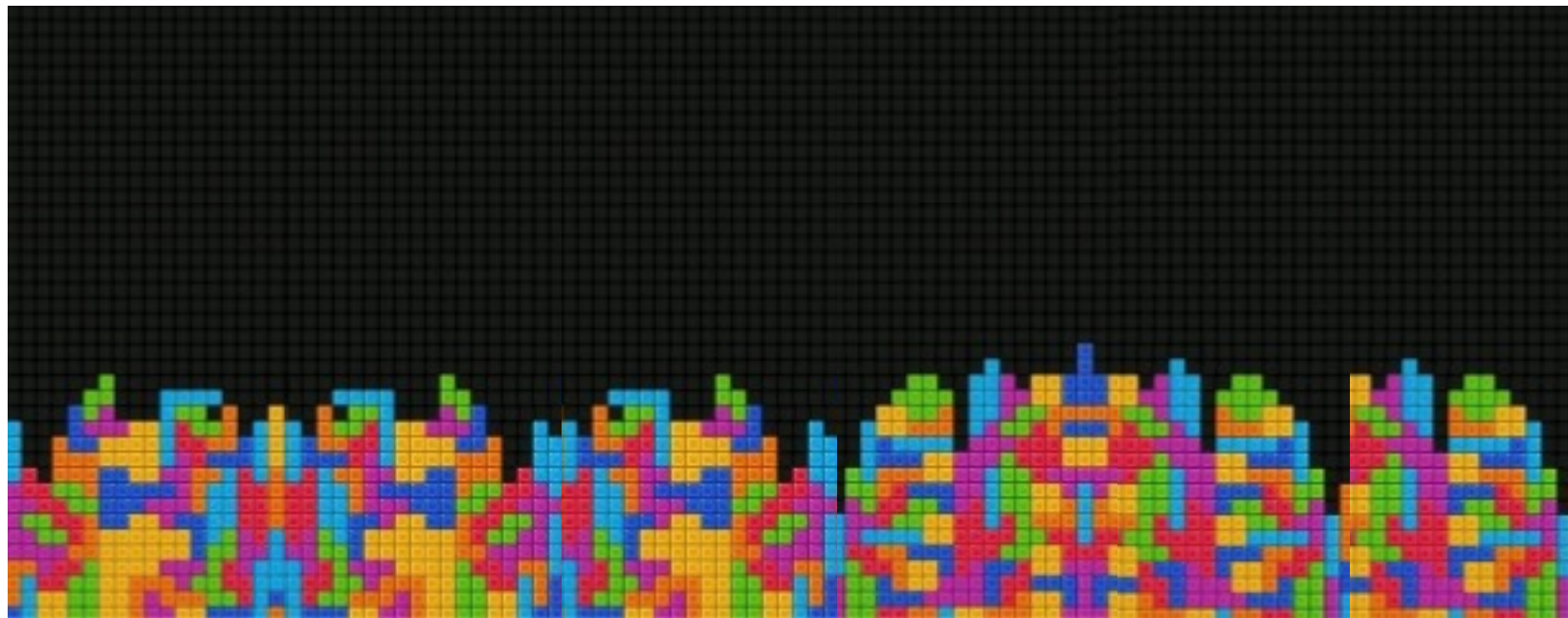
GET /customers?type=DNI&number=11111111
POST /customers

Kubernetes Architecture





Master



Node 1



Node 2



Node 3



Node 4

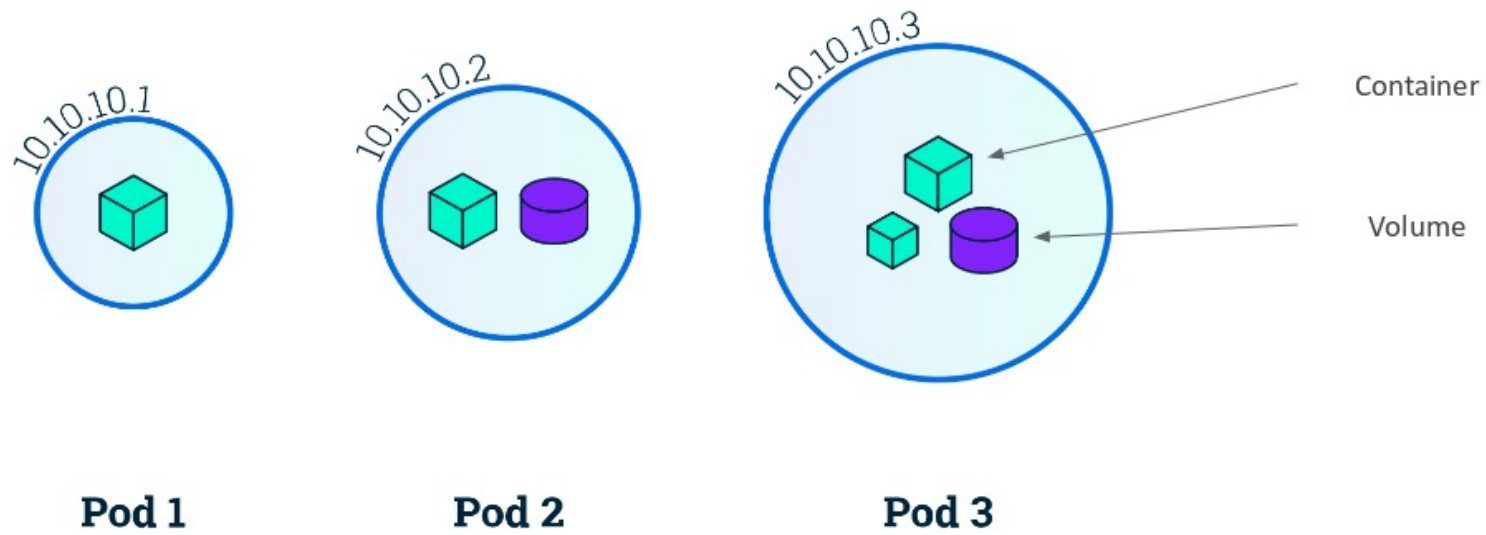


Node 5

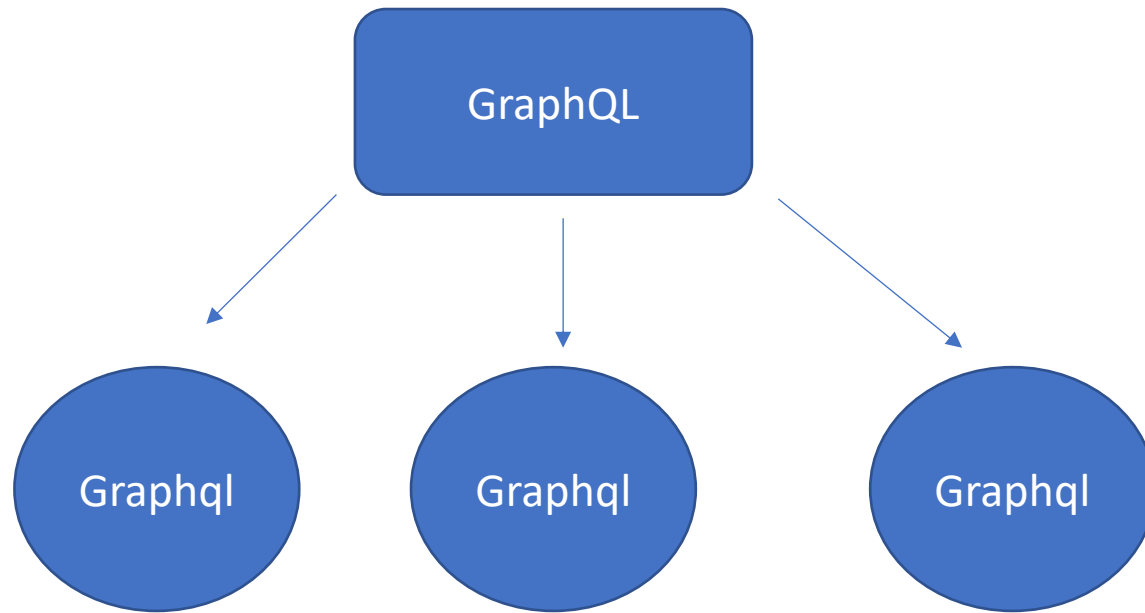


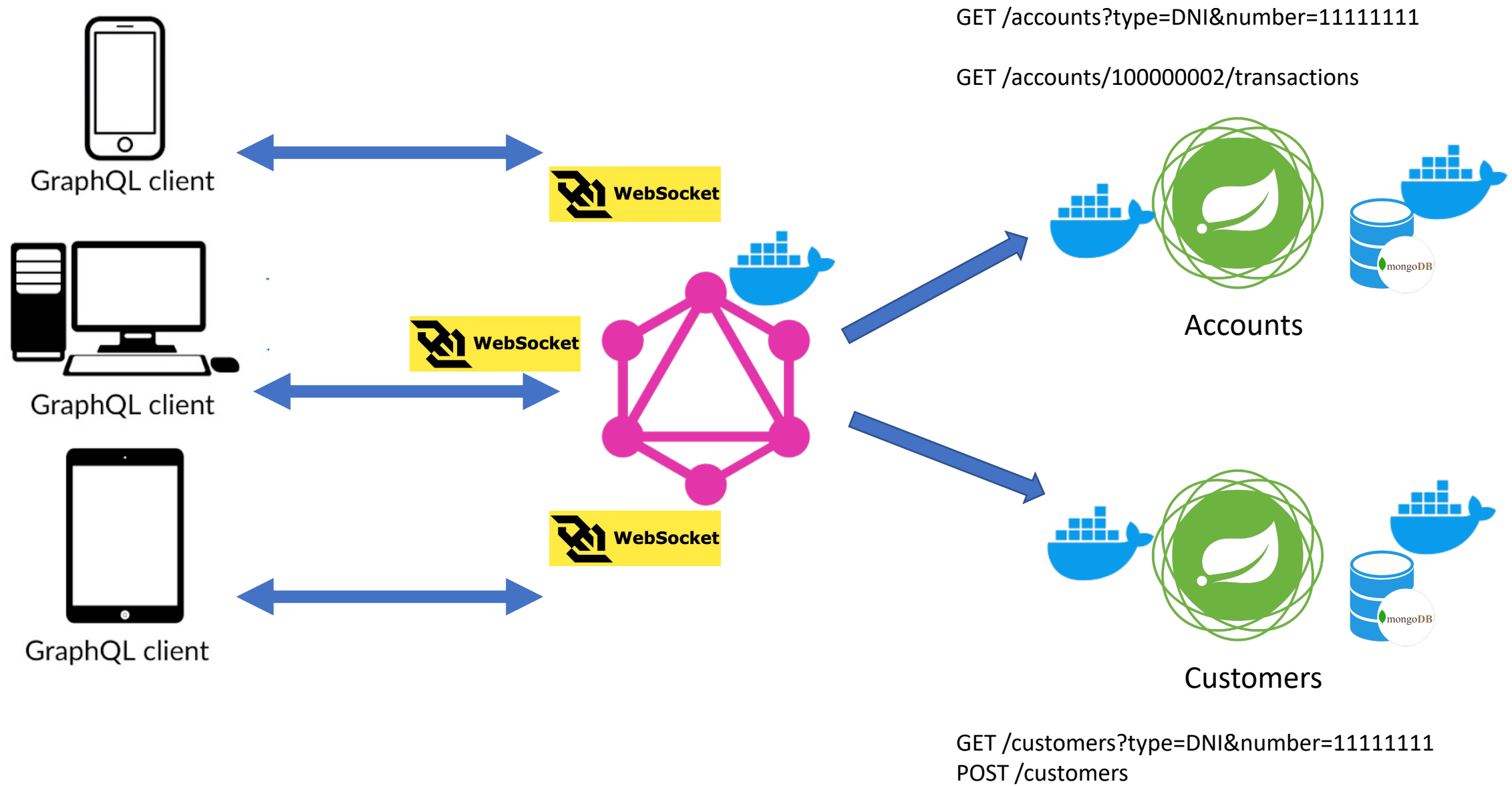
Node 6

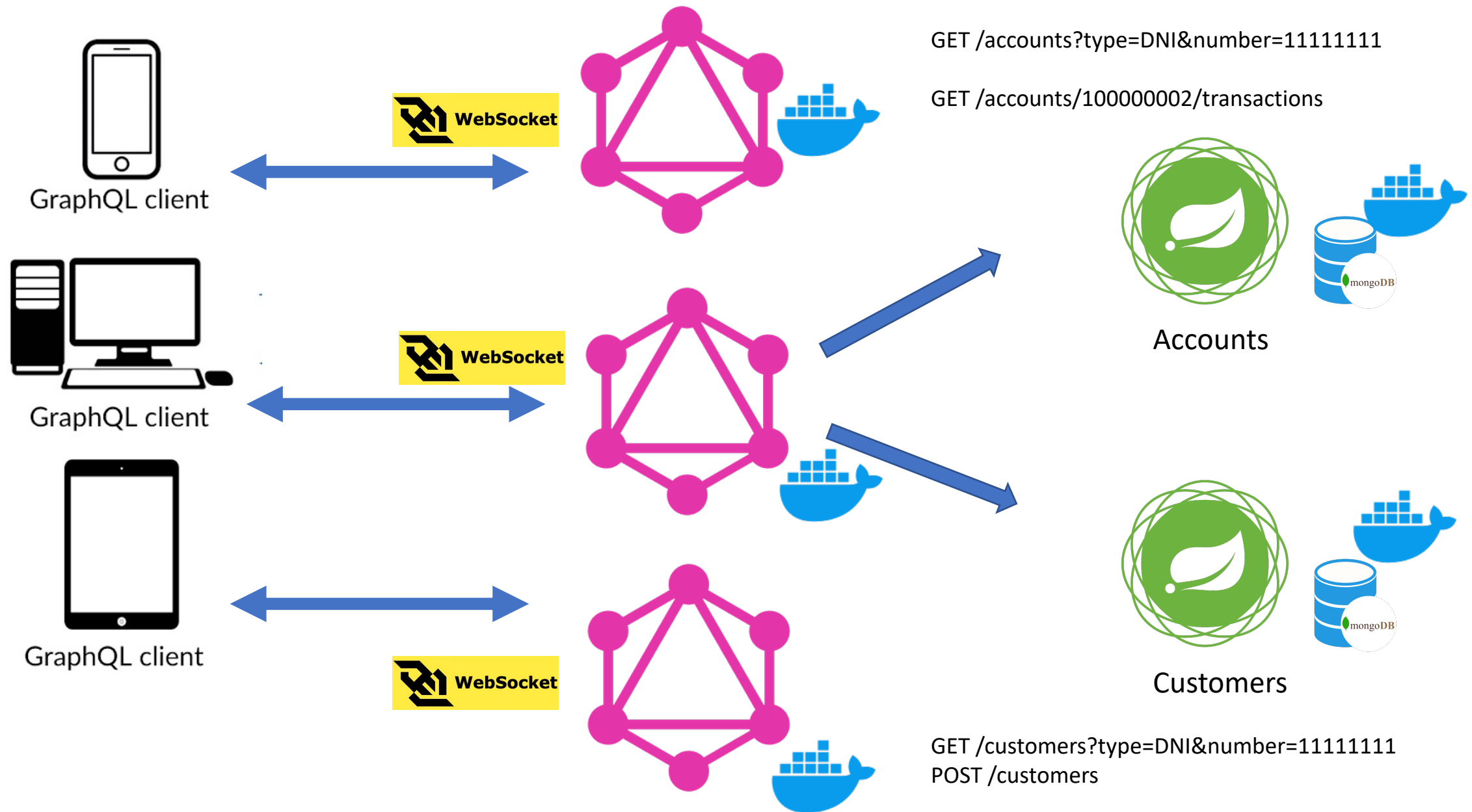
Pods

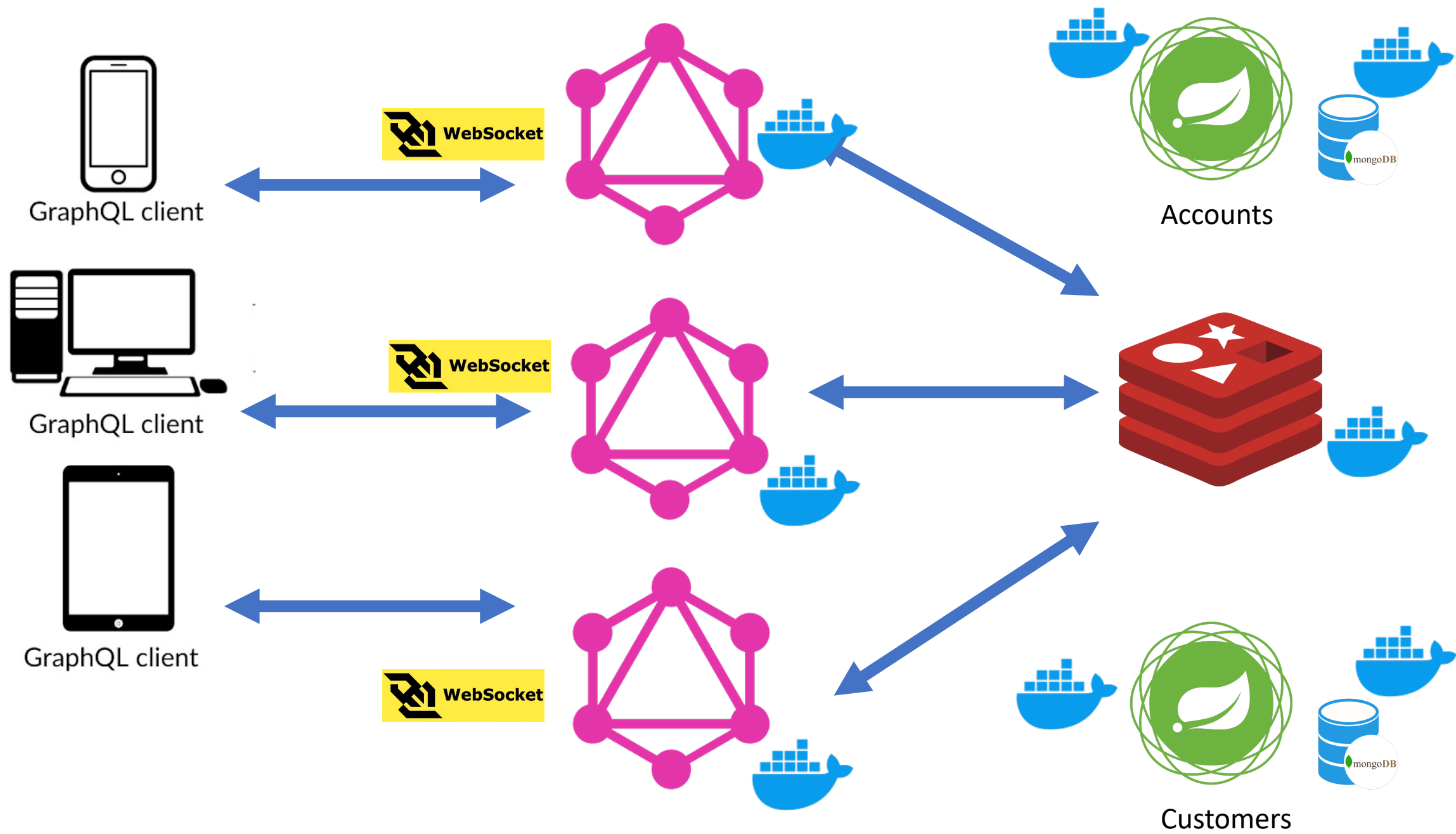


Service











kubernetes



<https://github.com/mzegarras/microservices-graphql>