Hexagonal Architecture

Ports & Adapters

Sainsbury's Digital - ChopChop Team

Mark Bradley
Principal Software Engineer @ Sainsbury's Digital

@braddle
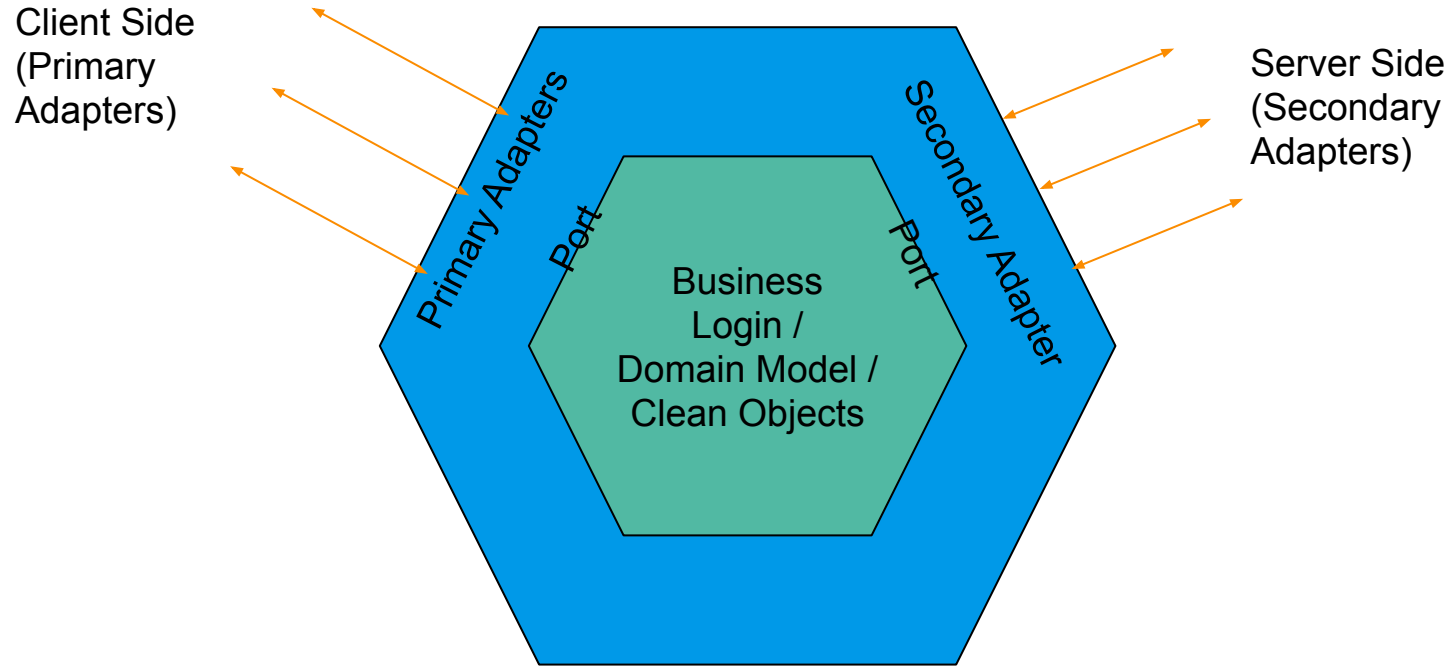
Layered System

Hides implementation complexity on implementation through **stable** interfaces

Separating logical parts of the system from one another

Avoids circular dependencies

A piece of code is either called and/or calls another piece of code

Ports & Adapters

github.com/braddle/hex-arch-example-go

POST /user
JSON DATA

User
JSON

rest.PostUser

user.Creator [i]

user.Repository [i]

Client

psql.UserRepository

Database

user.CreationNotifier [i]

queue.Kafka

Kafka