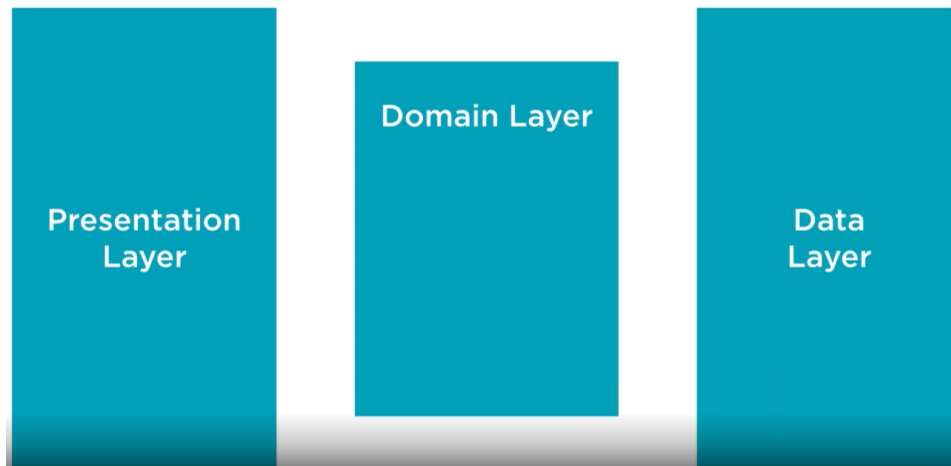


Clean Architecture

Clean Architecture enforces SOLID principles. It has three layers:



Presentation Layer:

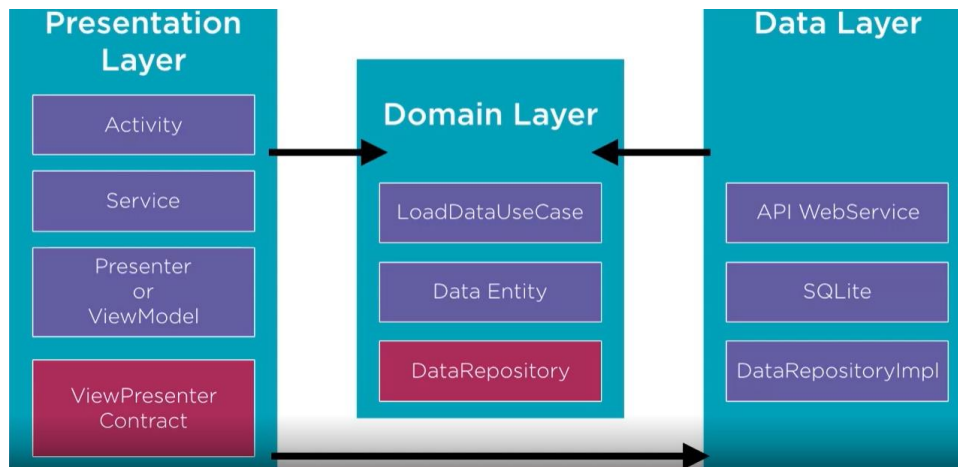
- Android Components: activities, services, fragments etc.
- Custom views
- Presenters (we can use any of the patterns MVP, MVC, MVVM)

Domain Layer:

- Entities
- Screen Interfaces
- Use cases
- Pure Java/Kotlin - Android Free (No Apis)

Data Layer:

- External APIs access
- Local Storage Components
- Memory and Disk caches



As seen from the diagram, domain layer is unaware of other layers which makes it easier to test.

Advantages:

- Module approach
- Each module can be tested separately
- Domain layer can be reused for other JVM applications

