

Kotlin Multiplatform

Shareable code base

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Kotlin Multiplatform

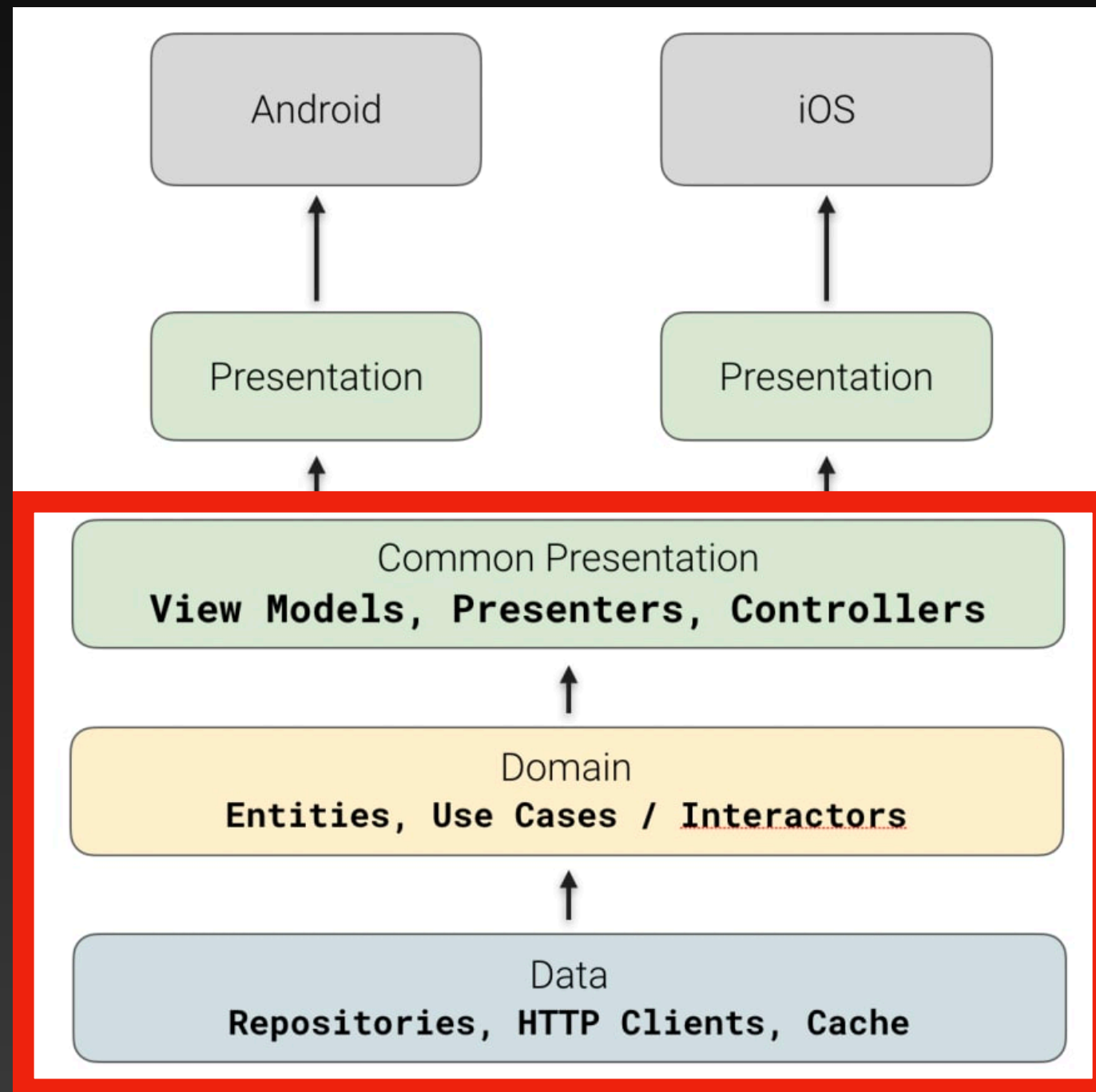
- Share business logic with Kotlin language
- Can integrate to exiting Native App
- Easy to maintenance
- Low learning curve
- Alpha stage

Project Structure

- Main business logic in **commonMain**
- Specific platform code in **androidMain** and **iosMain**
- Main unit test in **commonTest**

```
> androidApp
> build
> gradle
> iosApp
✓ shared
  > .gradle
  > build
  ✓ src
    > androidMain
    > commonMain
    > commonTest
    > iosMain
    build.gradle.kts
    shared.podspec
```

What is can share

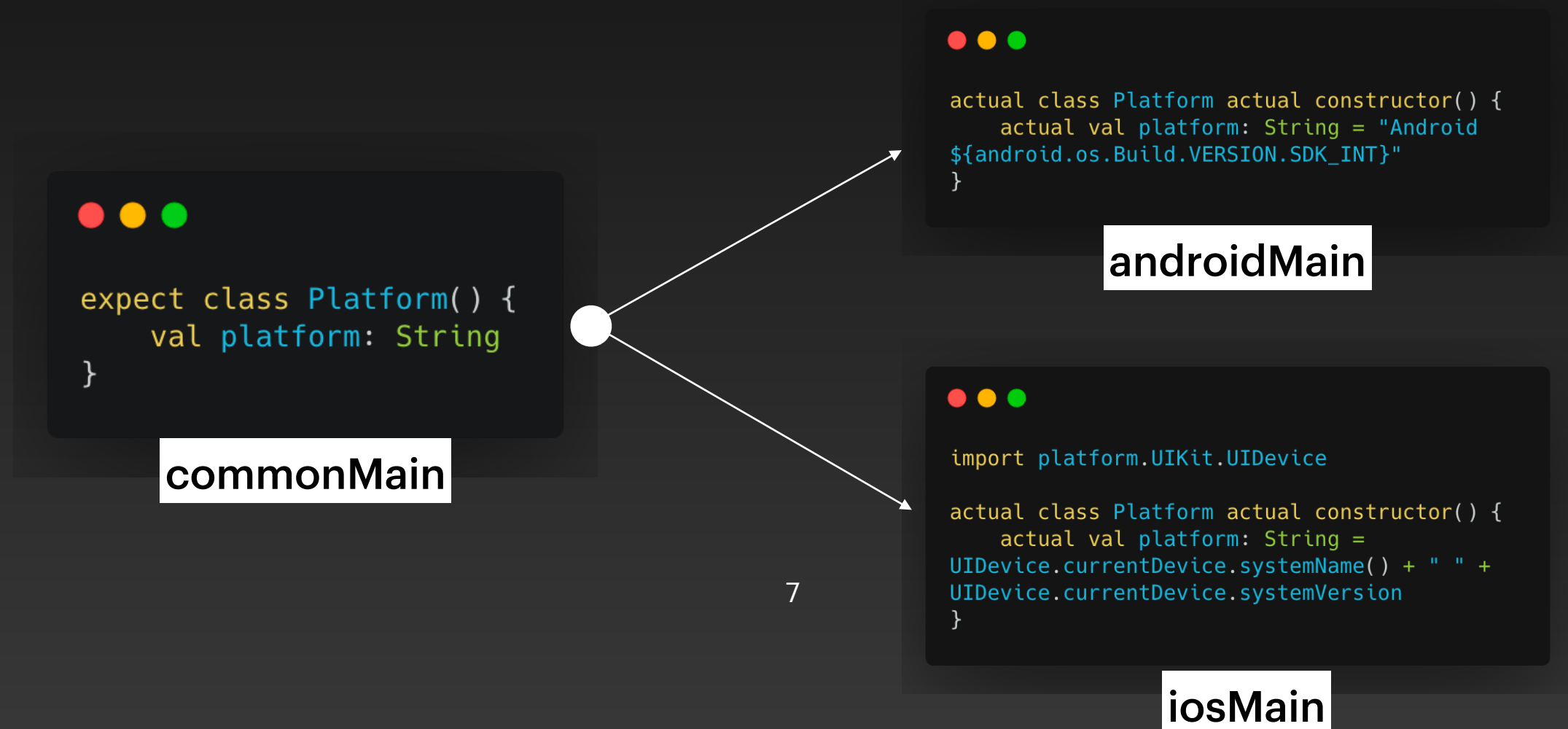


How it can share

- For **android** it just **Kotlin library**
- For **iOS** it compile to **Objective-C Library**

How it can share

- Specific code platform use **expect** and **actual** keyword



Requirement for use

- Android Studio
 - with Kotlin Multiplatform Plugin
- Xcode 13
 - Cocoapods

Demo

Conclusion