LIBRARY ORIENTED PROGRAMMING

@RAHULKATARIYA

▸ Restofire

▸ FrameworkTemplate

▸ Fastlane

WHEN TWO OR MORE CLASSES OR COMPONENTS ARE INTERDEPENDENT

WHAT IS COUPLING

COUPLING IS A KIND OF COMPLEXITY

COUPLING IS EASY IN THE SAME CODEBASE

REUSABLE BITS OF CODE THAT REPRESENTS A
SINGLE IDEA, COMPONENT OR ABSTRACTION.

WHAT IS A LIBRARY

LIBRARIES INTRODUCE BOUNDARIES

MORE LIBRARIES LESS COUPLING

DEPENDENCY MANAGERS

GIT SUBMODULES

▸ Easily Available

▸ Hard to manage

▸ Duplicates transitive dependencies

▸ No Versioning

COCOAPODS

▶ Easy

▶ Centrally Managed

▶ Force you to use Workspace and Modifies your Xcode project

CARTHAGE

▸ Simple

▸ Decentralised

▸ Supports Submodules

SWIFT PACKAGE MANAGER

▸ Early stage

▸ No iOS Support

FRAMEWORKTEMPLATE

QUESTIONS?