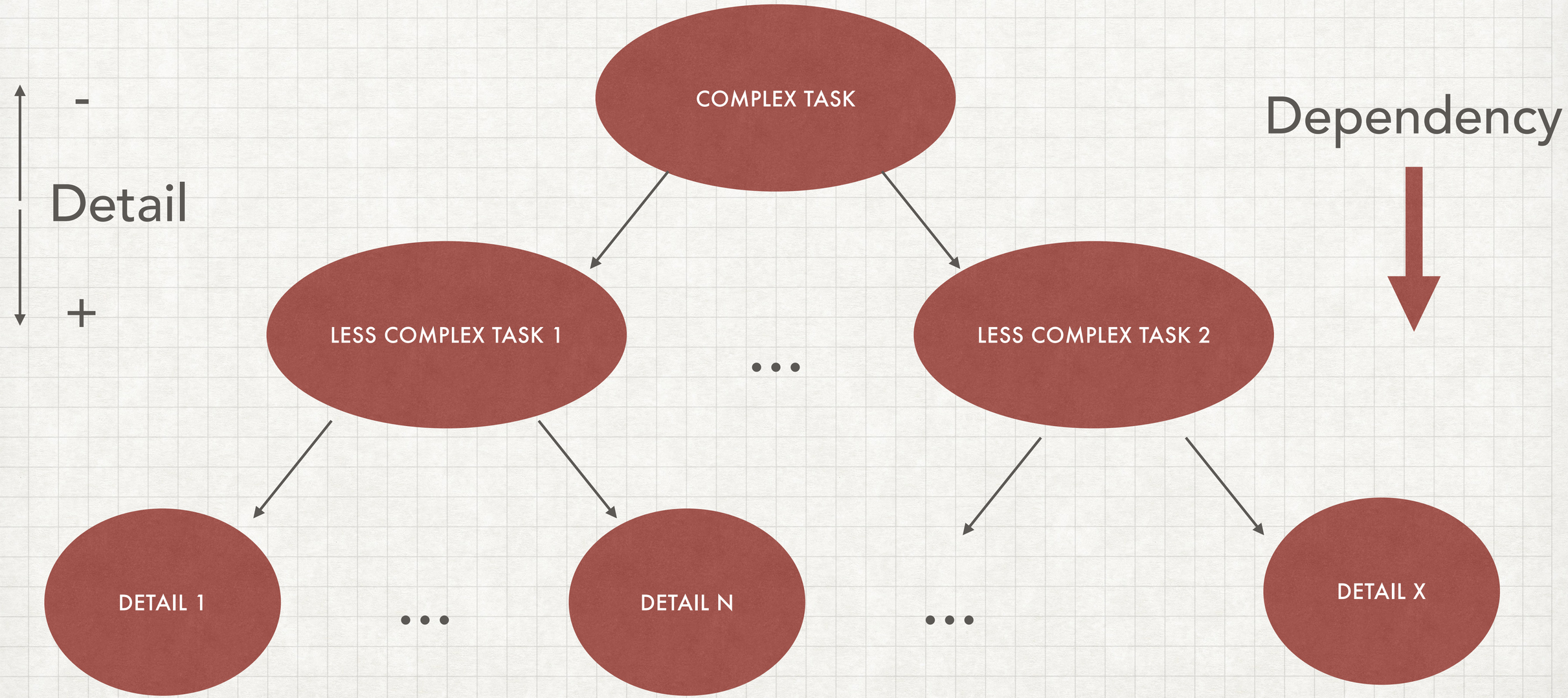
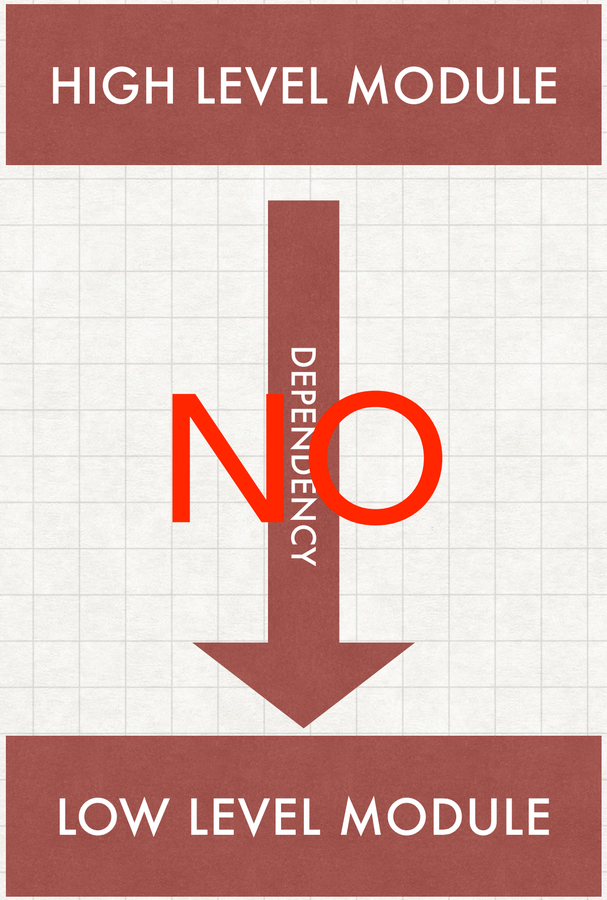
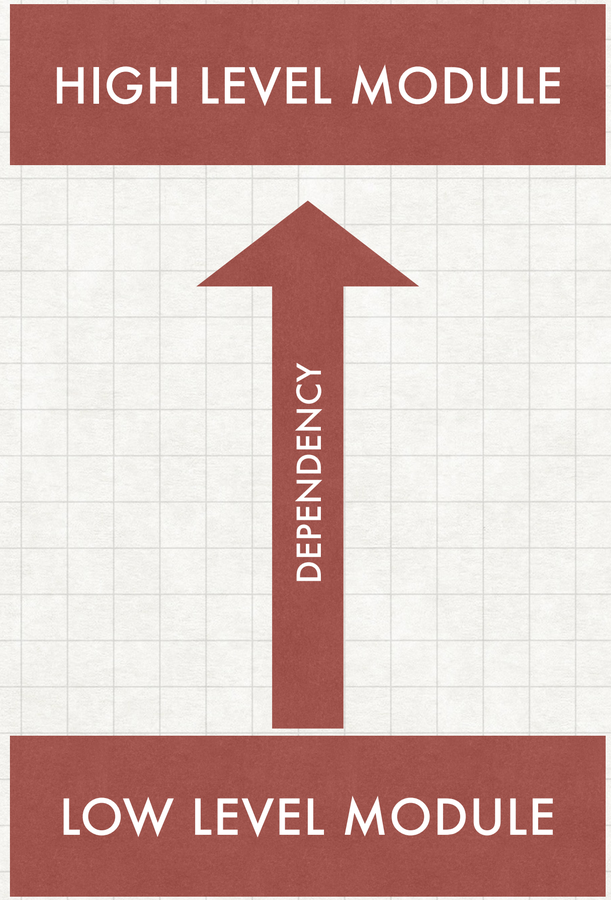
DIP

DEPENDENCY INVERSION PRINCIPLE


-
Detail
+
COMPLEX TASK
Dependency
LESS COMPLEX TASK 1
LESS COMPLEX TASK 2
DETAIL 1
DETAIL N
DETAIL X


HIGH LEVEL MODULE
DEPENDENCY
NO
LOW LEVEL MODULE

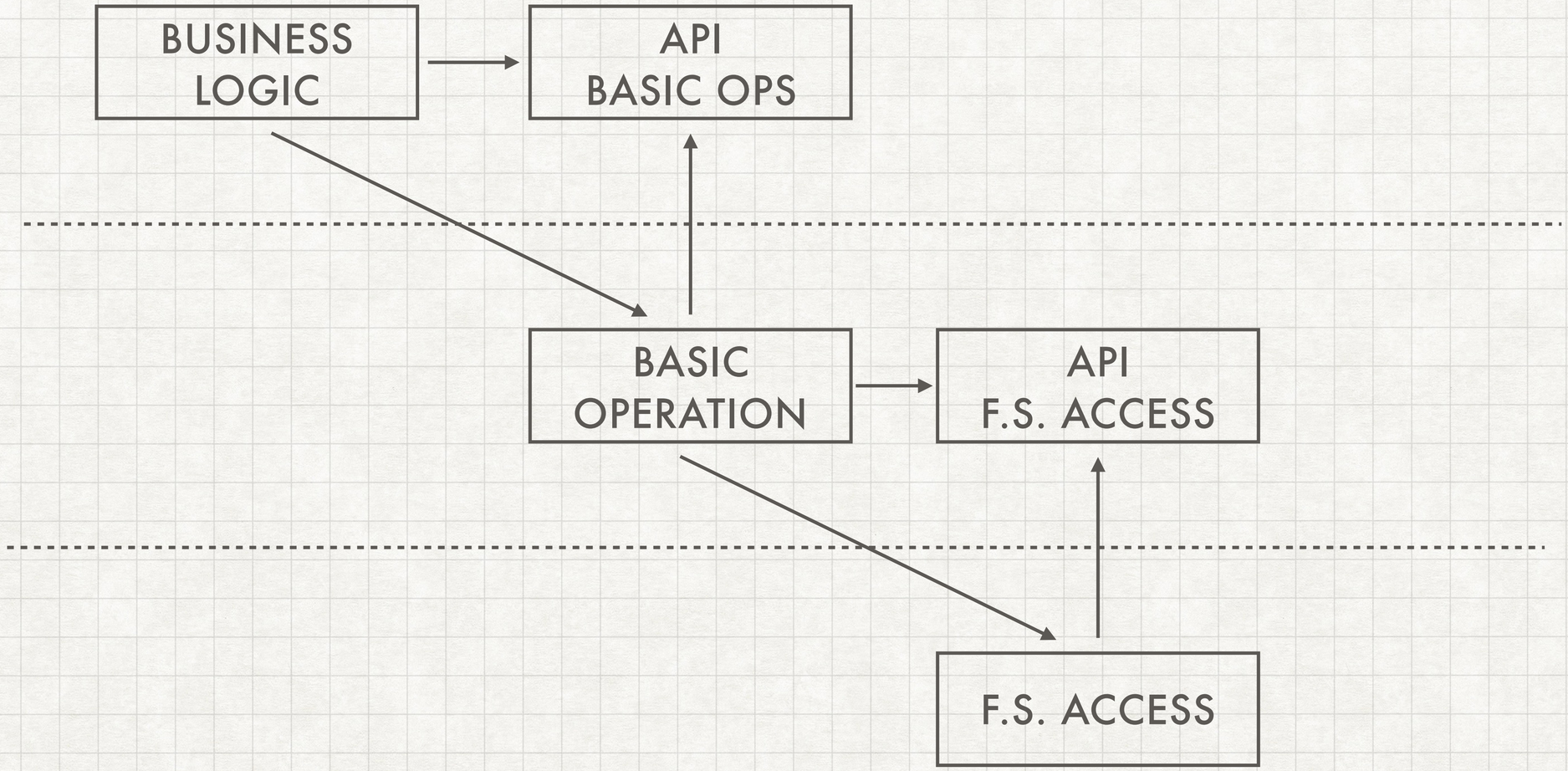

HIGH LEVEL MODULE
DEPENDENCY
LOW LEVEL MODULE

“

A. High-level modules should not depend on low-level modules. Both should depend on abstractions.
B. Abstractions should not depend upon details. Details should depend upon abstractions

— *Robert C. Martin*

”


BUSINESS
LOGIC
API
BASIC OPS
BASIC
OPERATION
API
F.S. ACCESS
F.S. ACCESS

DIP

DEPENDENCY INVERSION PRINCIPLE