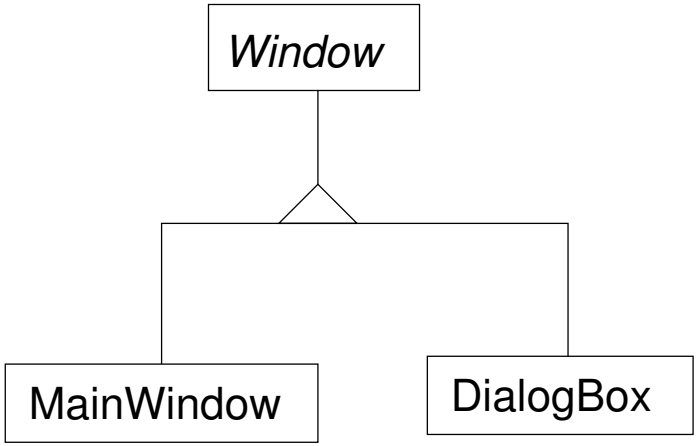
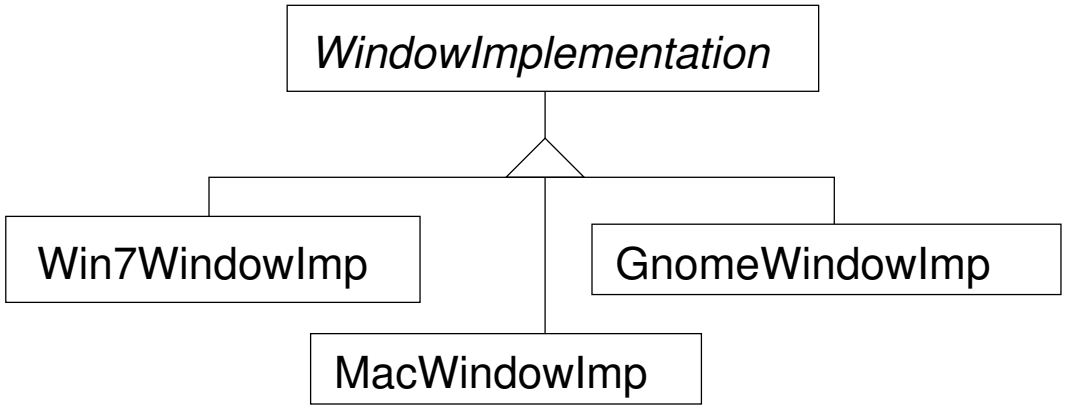
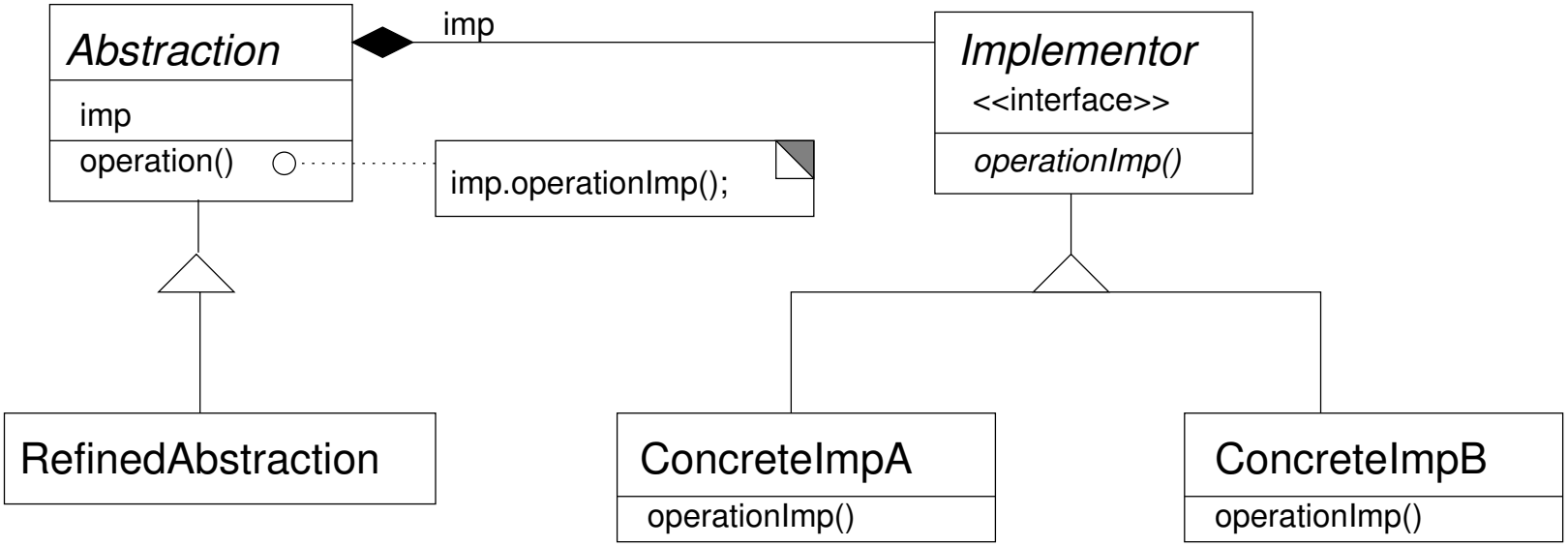
CS 335 — Software Development

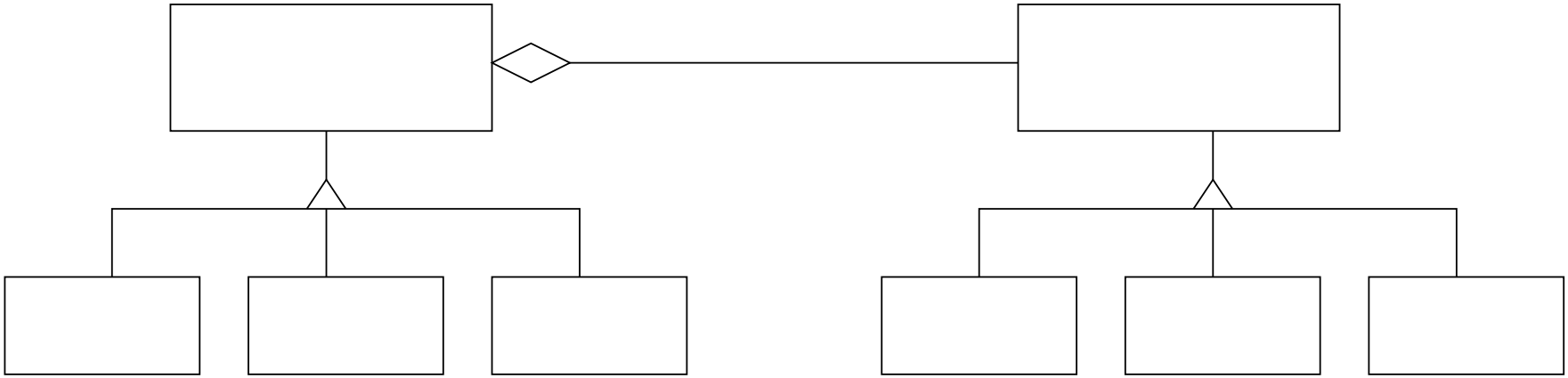
Bridge; Flyweight

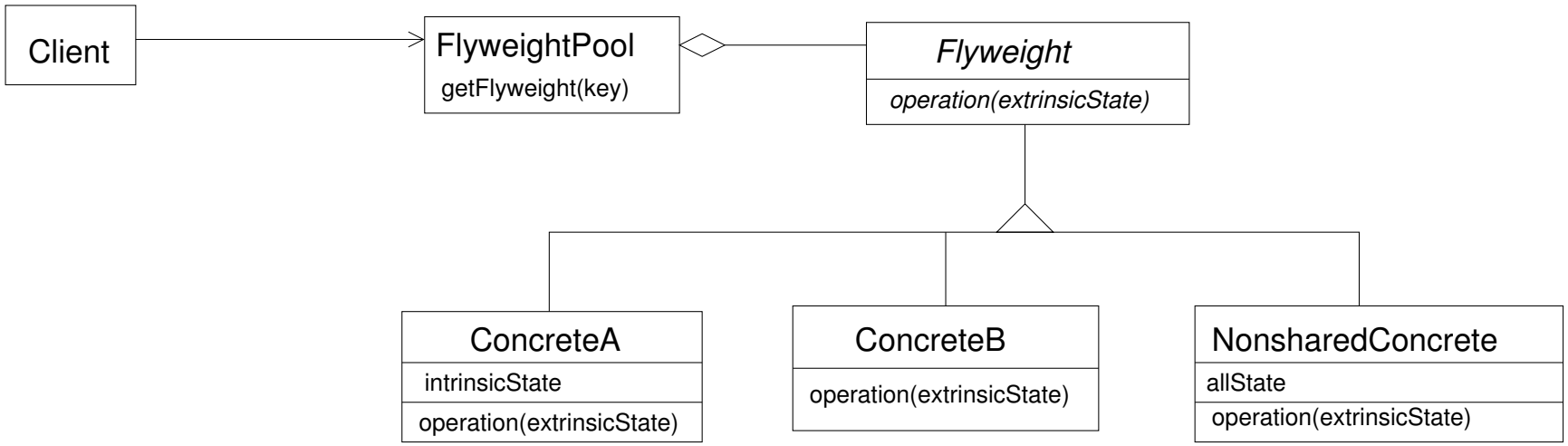
Feb 15, 2012


Window
MainWindow
DialogBox


WindowImplementation
Win7WindowImp
GnomeWindowImp
MacWindowImp


Abstraction
imp
operation()
imp
imp.operationImp();
Implementor
<<interface>>
operationImp()
RefinedAbstraction
ConcreteImpA
operationImp()
ConcreteImpB
operationImp()




Client
FlyweightPool
getFlyweight(key)
Flyweight
operation(extrinsicState)
ConcreteA
intrinsicState
operation(extrinsicState)
ConcreteB
operation(extrinsicState)
NonsharedConcrete
allState
operation(extrinsicState)