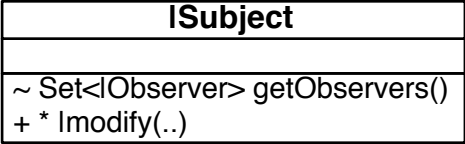
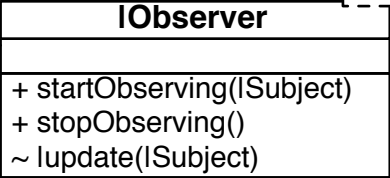


aspect Observer depends on ZeroToMany

structural view



mySubject
0..1



ISubject<Imodify<lupdate>>
IObserver<lupdate>

Instantiations:

ZeroToMany:

IData → **ISubject**; **IAssociated** → **IObserver**; **getAssociated** → **getObservers**

message view startObserving

caller: Caller

target: IObserver

s: ISubject

startObserving(s)

add(target)

message view stopObserving

caller: Caller

target: IObserver

**mySubject:
ISubject**

stopObserving()

remove(target)

message view Imodify affected by notification

message view notification

caller: Caller

target: ISubject

Imodify(..)

*

Pointcut

Advice

caller: Caller

target: ISubject

Imodify(..)

*

observers := getObservers()

loop [o within observers]

Iupdate(target)

o: IObserver