UNIVERSIDADE FERNANDO PESSOA

Java RMI Observer

Sistemas Distribuídos (PL)

3º ano da Licenciatura em Engenharia Informática

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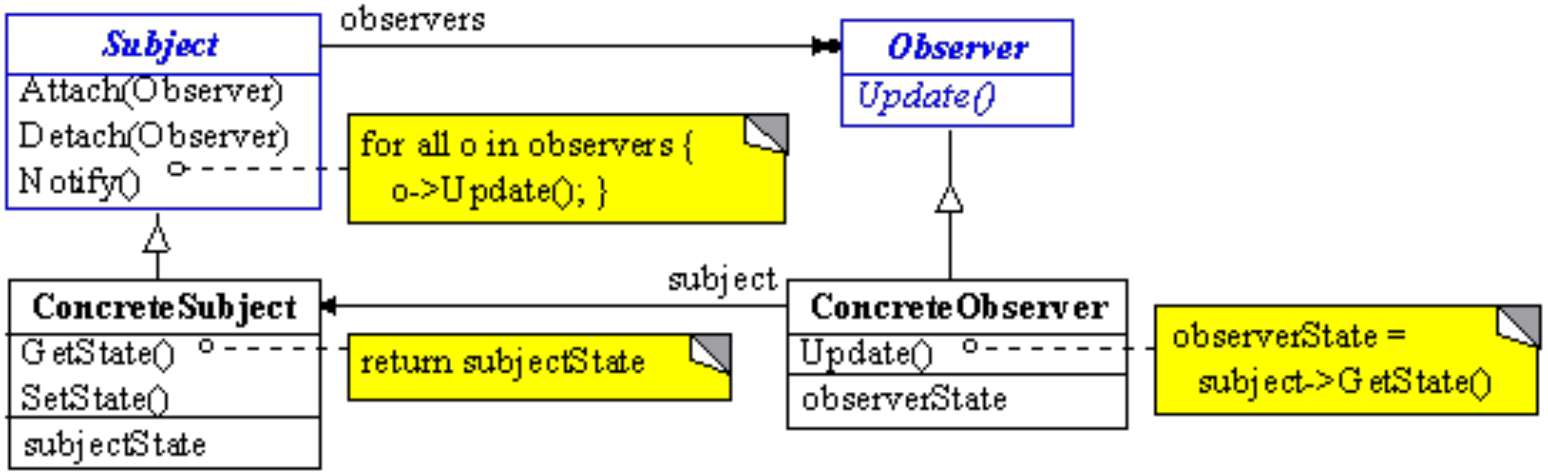
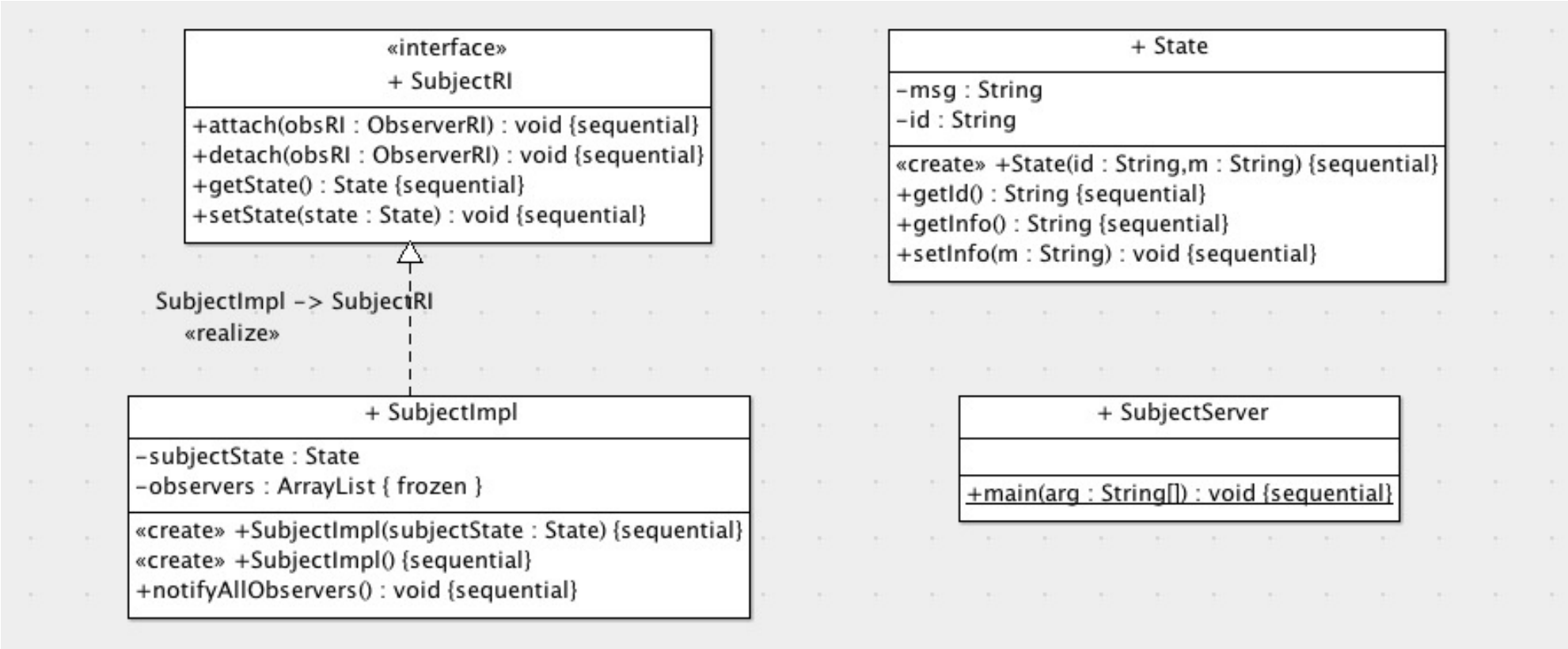
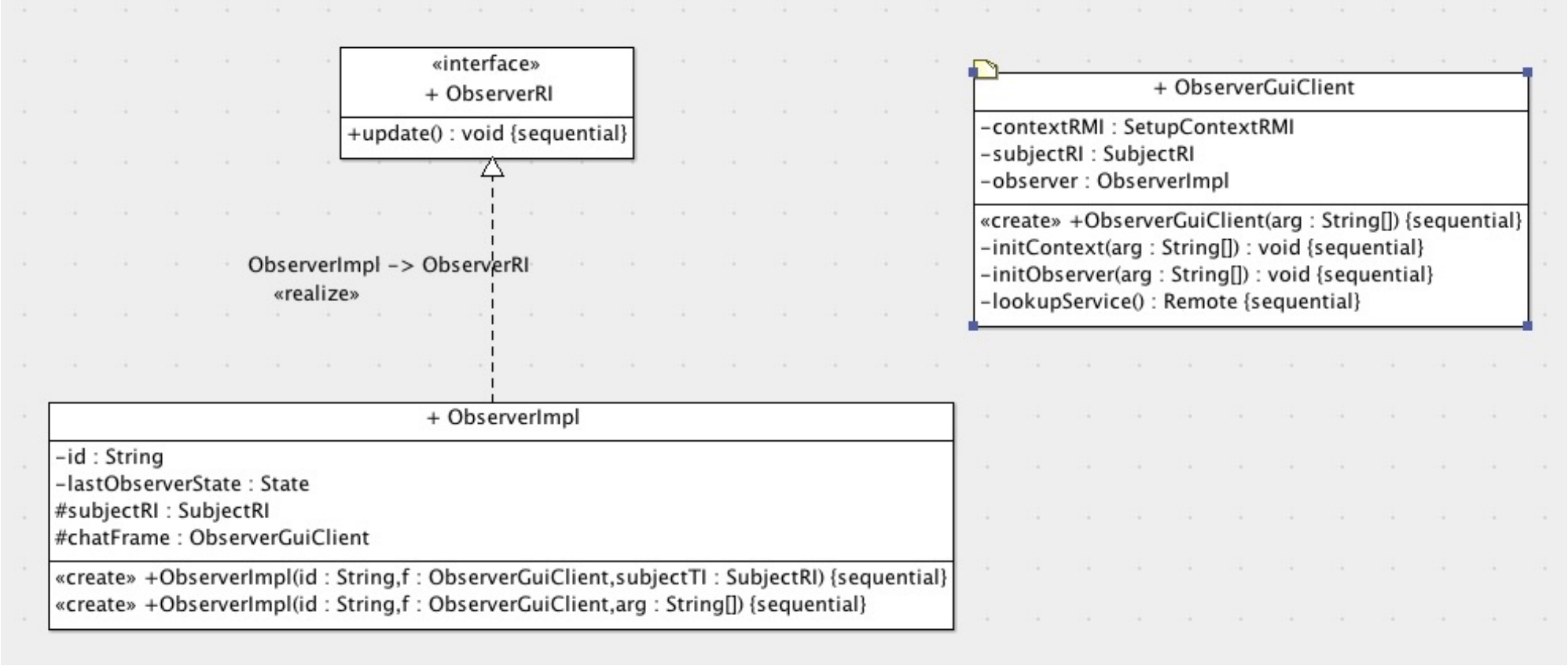
Observer pattern



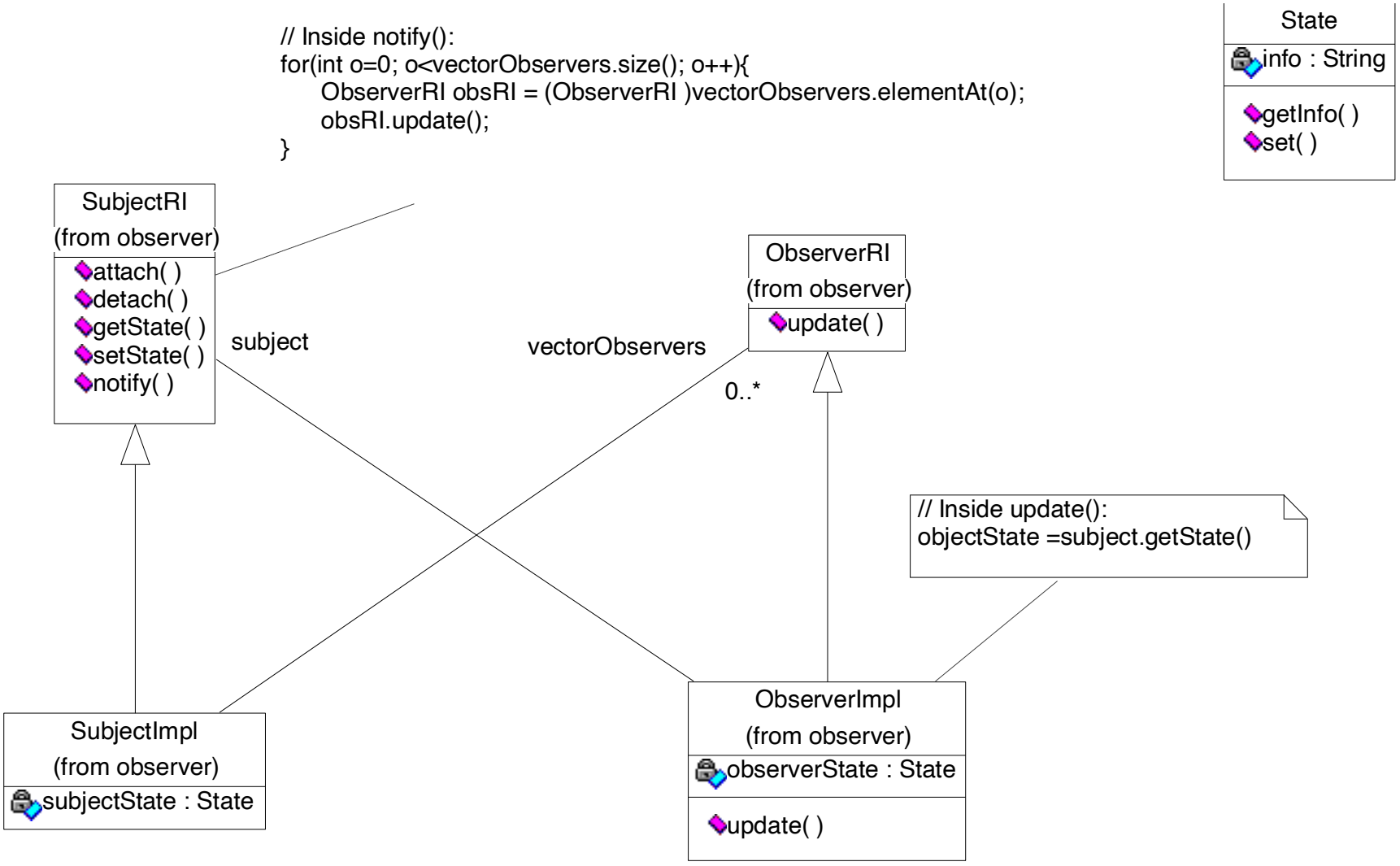
Observer (Server side)



Observer (Client side)



Observer


// Inside notify():
for(int o=0; o<vectorObservers.size(); o++){
ObserverRI obsRI = (ObserverRI)vectorObservers.elementAt(o);
obsRI.update();
}
State
info : String
getInfo( )
set( )
SubjectRI
(from observer)
attach( )
detach( )
getState( )
setState( )
notify( )
subject
vectorObservers
0..*
ObserverRI
(from observer)
update( )
// Inside update():
objectState =subject.getState()
SubjectImpl
(from observer)
subjectState : State
ObserverImpl
(from observer)
observerState : State
update( )