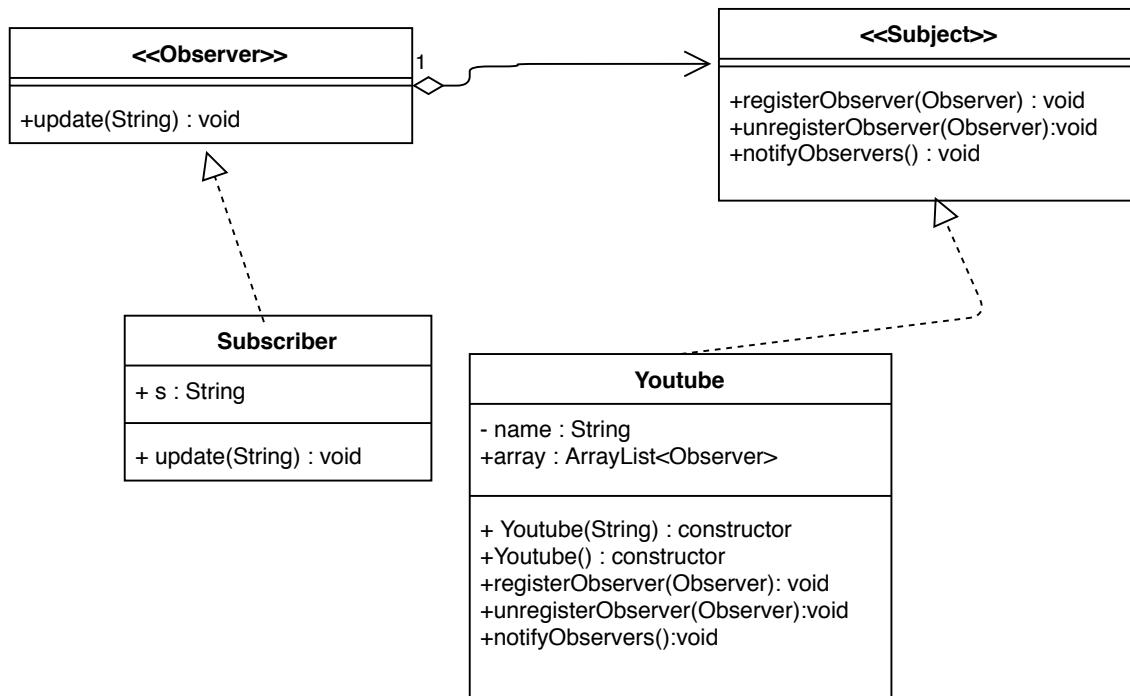


pattern.observer



pattern.bridge

