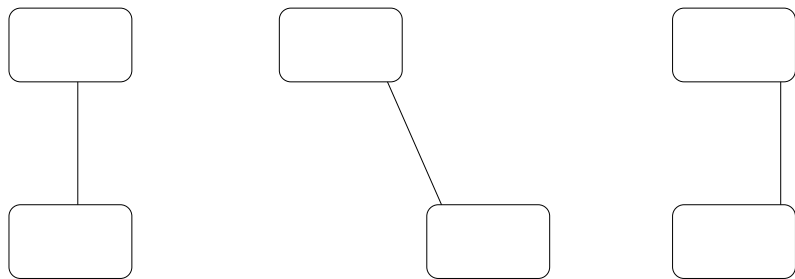


## The Memento Pattern

Feb 23, 2011

## Graphic editing tool example



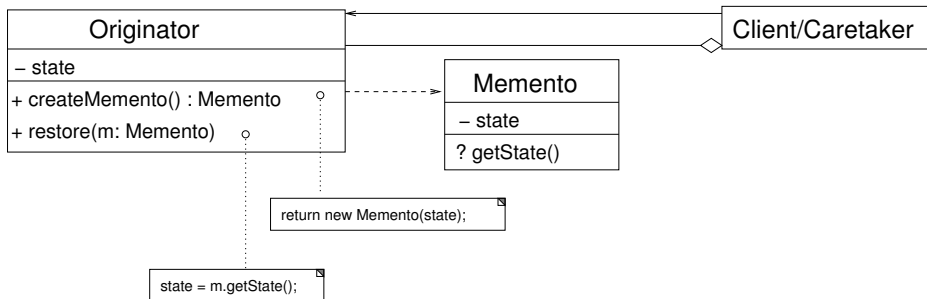
Redrawn from Gamma et al, pg 283–284

# MEMENTO intent

*Without violating encapsulation, capture and externalize an object's internal state so that the object can be restored to this state later.*

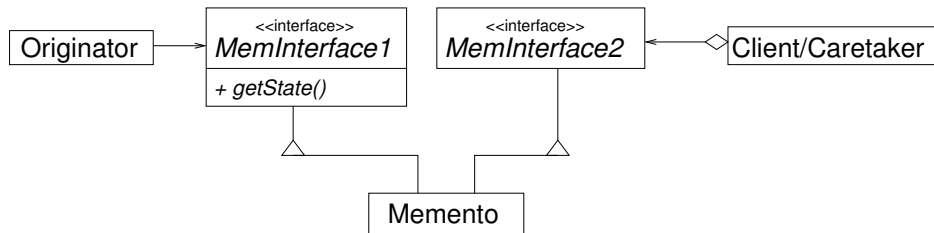
Gamma et al, pg 283

# MEMENTO structure



Based on Gamma et al, pg 285

# Using multiple interfaces



## Using multiple interfaces—in our example

