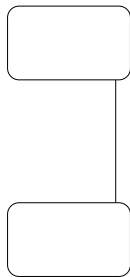
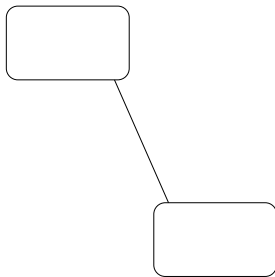
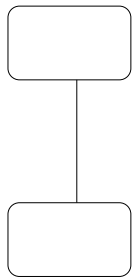


The Memento Pattern

March 3, 2014

Graphic editing tool example



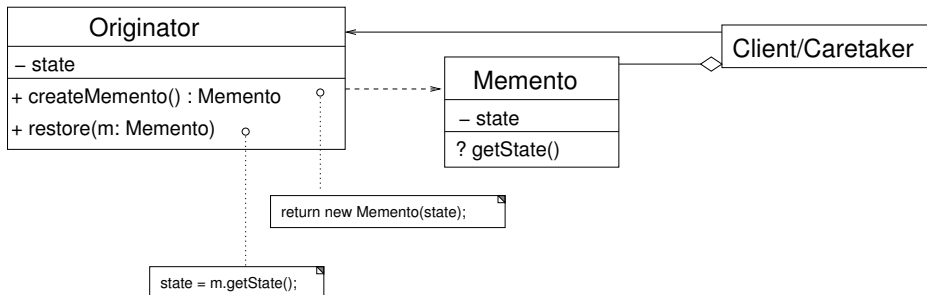
Redrawn from Gamma et al, pg 283–284

MEMENTO intent

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

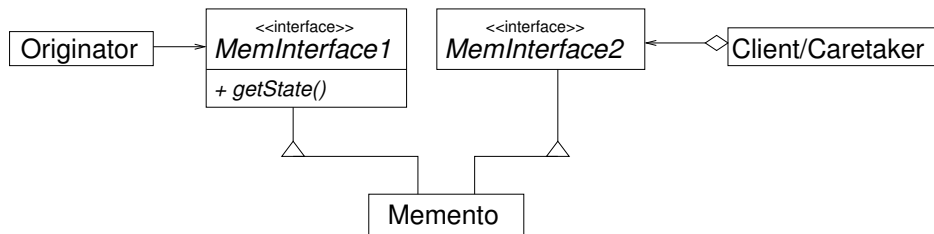
Gamma et al, pg 283

MEMENTO structure



Based on Gamma et al, pg 285

Using multiple interfaces



Using multiple interfaces—in our example

