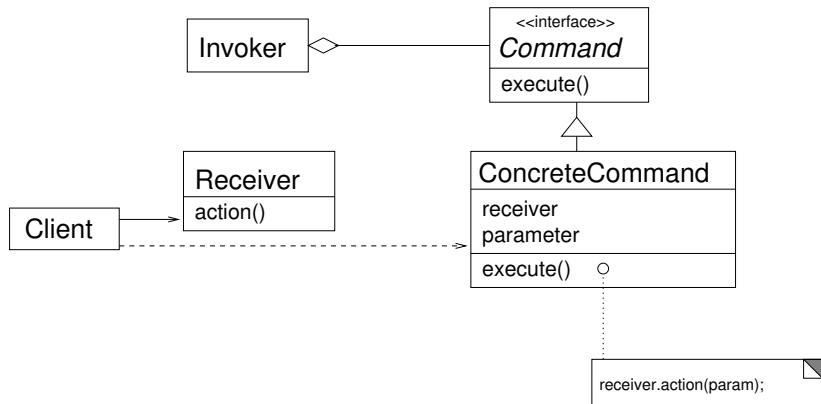# CS 335 — Software Development

The COMMAND Pattern

March 5, 2014

COMMAND intent

*Encapsulate a request [message] as an object, thereby
letting you parameterize clients with different requests,
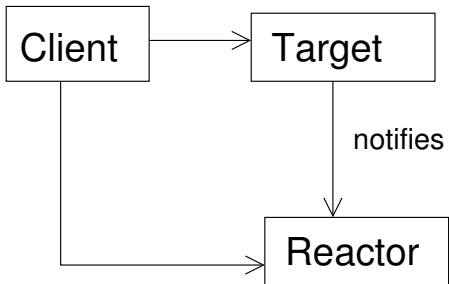queue or log requests, and support undo-able operations.*
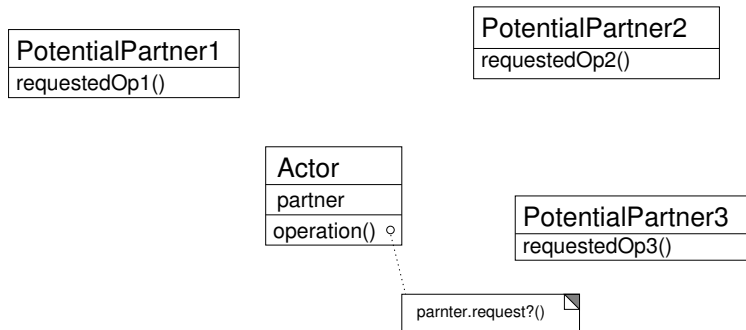
Gamma et al, pg 233

COMMAND structure

Adapted from Gamma et al, pg 236
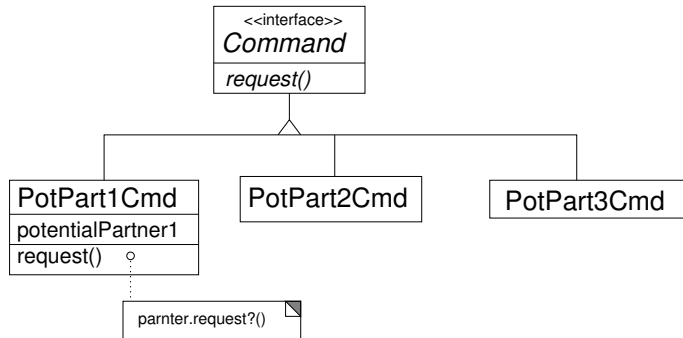
"Reactor" pattern-category structure

Based on Christopher Fox, *Introduction to Software Engineering Design*, pg 569
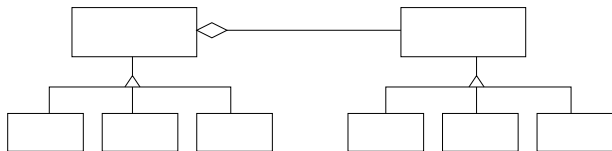
COMMAND as mini-adaptor

PotentialPartner1
requestedOp1()

PotentialPartner2
requestedOp2()

Actor
partner
operation()

PotentialPartner3
requestedOp3()

parnter.request?()

COMMAND as mini-adaptor

Pattern family

Pattern family