CS 335 — Software Development

#### The $\operatorname{COMMAND}$ Pattern

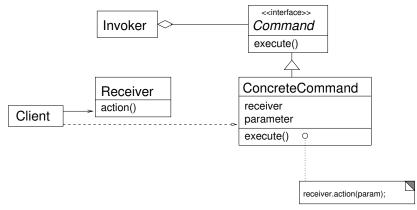
Feb 21, 2012



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

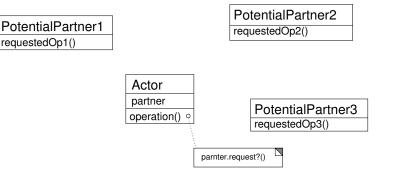
Gamma et al, pg 233

### $COMMAND \ \text{structure}$



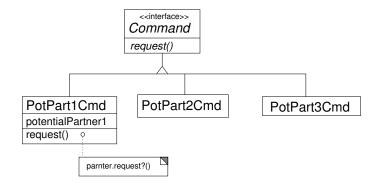
Adapted from Gamma et al, pg 236

#### COMMAND as mini-adaptor



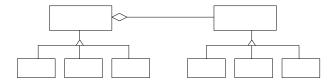
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#### COMMAND as mini-adaptor



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# Pattern family





## Pattern family

