

## Sequence diagrams

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### Objectives

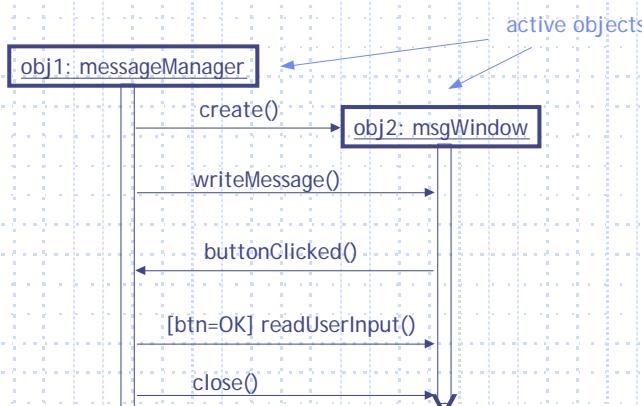
- ❖ To show object interactions arranged in time sequence
- ❖ To show messages exchanged

objects + messages

time

S

## Example: message window



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Sequence Diagrams.

3

## Active and passive objects

- ❖ An active object owns a thread of control (path of execution)
- ❖ A passive object does not have its own thread of control
  - ❖ operations execute under a control thread of an active object
  - ❖ activation: execution of an operation

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Sequence Diagrams.

4

