BBL

Box Bullet Line for pragmatic modeling

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There is no single diagram type to cover all aspects of a computer system model.

UML

UML responds with different diagram types. Diagram Behaviour-Structure Diagram Diagram Object Class Component-Activity Use Case Diagram Diagram Diagram Diagram Diagram Composite-State Deployment Profile Package Interaction Struktur Machine Diagram Diagram Diagram Diagram Diagram Diagram Communication Interaction Timing Sequence Overview Notation: UML Diagram Diagram Diagram diagramm

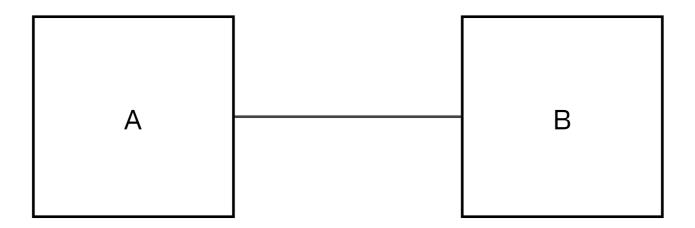
Do you know your UML diagram types?

There is help.

Box Bullet Line

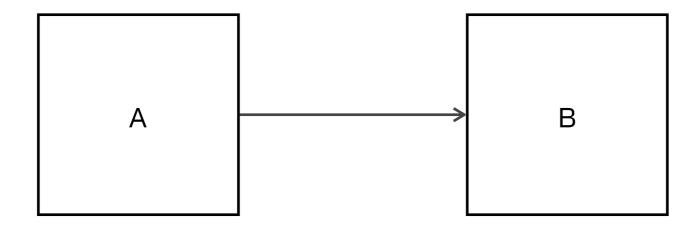
model data flow, caller and sequence see components and their dependencies draw easily by hand

Start with dependencies



components A and B are somehow dependent

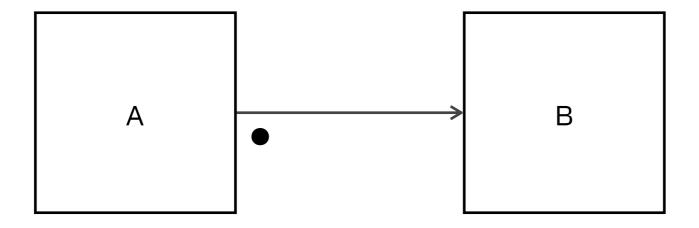
Flow



flow from A to B

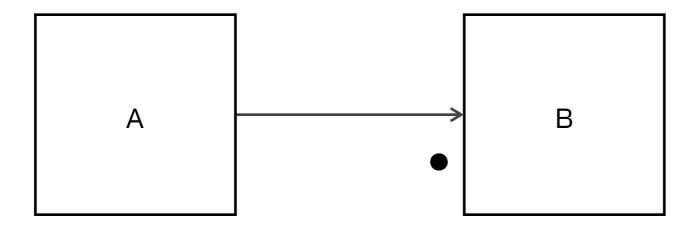
does not differentiate control or data flow

Caller, push



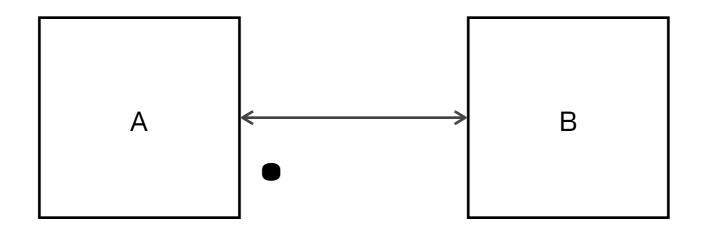
A is calling, flow to B

Caller, pull



B is calling, flow to B

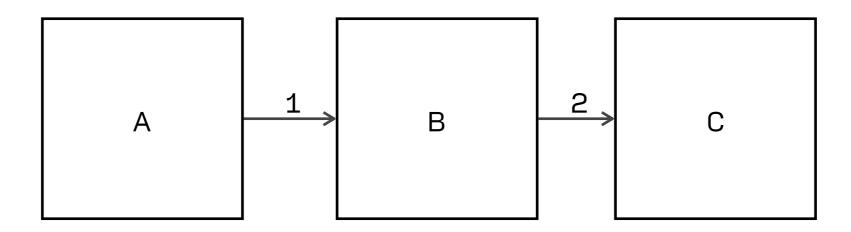
Synchronous



A initiates a synchronous communication

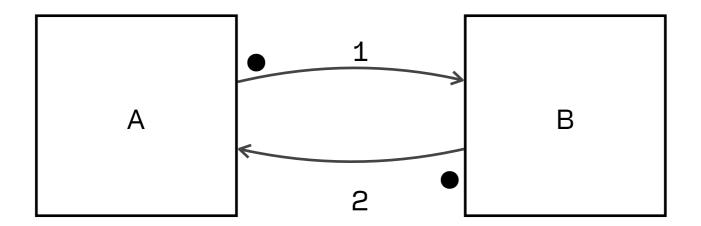
it is not defined if A writes first to B and afterwards getting a response from B, or A reads first and writes back to B

Sequence



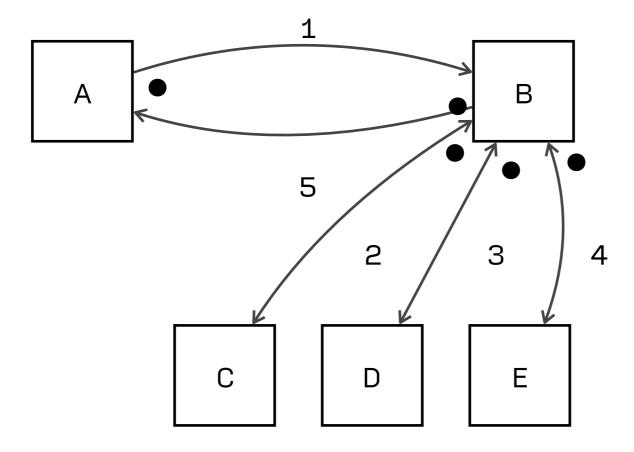
- 1. flow from A to B
- 2. flow from B to C

Asynchronous



- 1. A is calling, flow to B
- 2. B is calling, flow to A

Test yourself



Wrap up

Pragmatic

No special tools

Start small and grow natural



BBLModel natural



Ulf Schneider http://ulf.codes/bbl