BBL

Box Bullet Line
for pragmatic modeling.
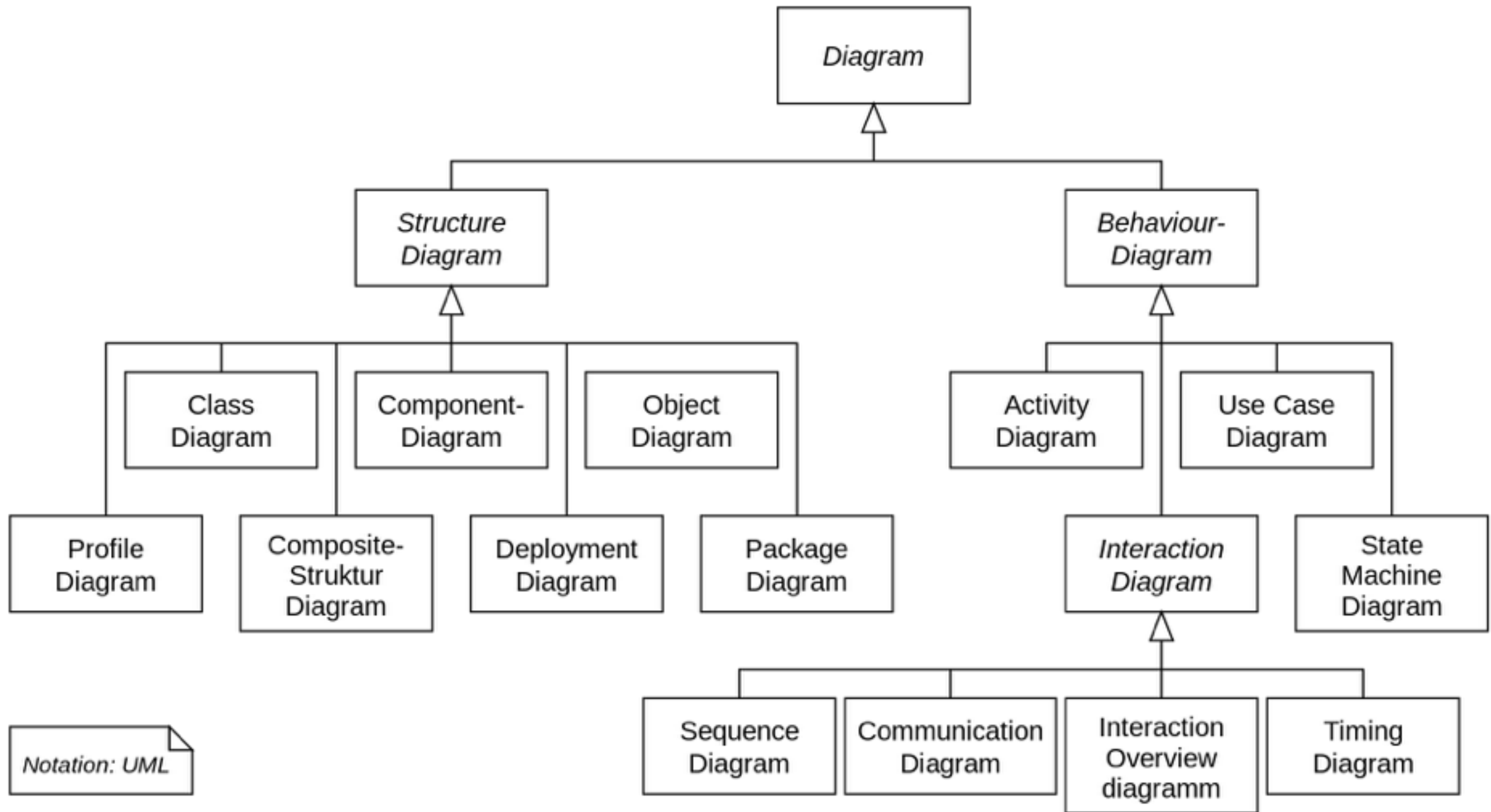
April 2015

Ulf Schneider
http://ulf.codes/bbl

There is *no single* diagram type
that covers *all aspects* of
a computer system model.

UML

UML responds with
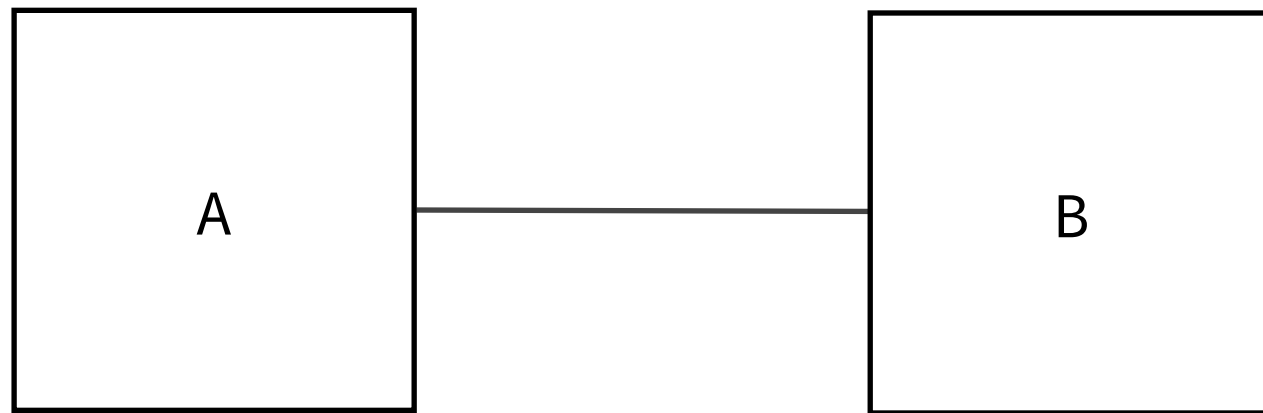different diagram types.

Do you know your UML diagram types?
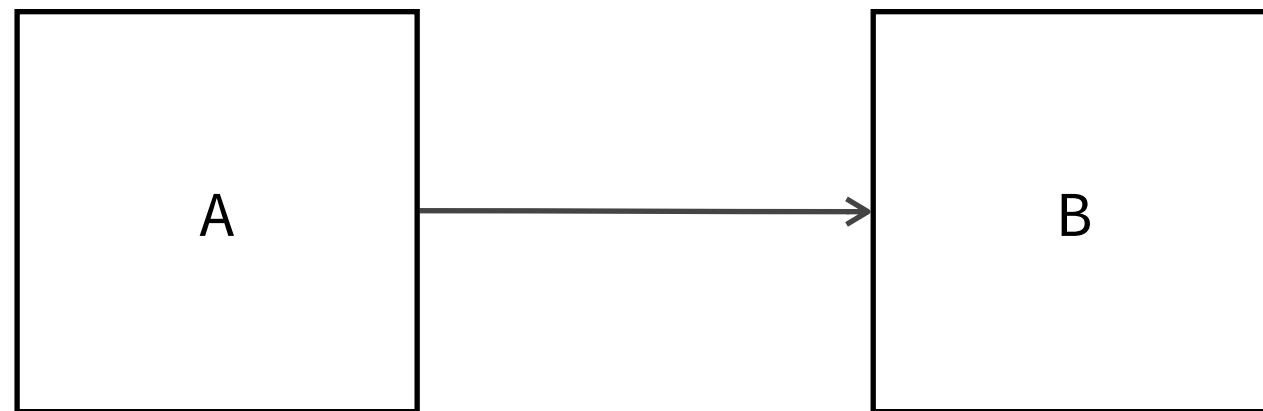
There is help.

Box Bullet Line

model data flow, caller and sequence

see components and their dependencies

draw easily by hand

Start with dependencies

```
┌─────────┐         ┌─────────┐
│         │         │         │
│    A    │─────────│    B    │
│         │         │         │
└─────────┘         └─────────┘
```

components A and B are somehow dependent
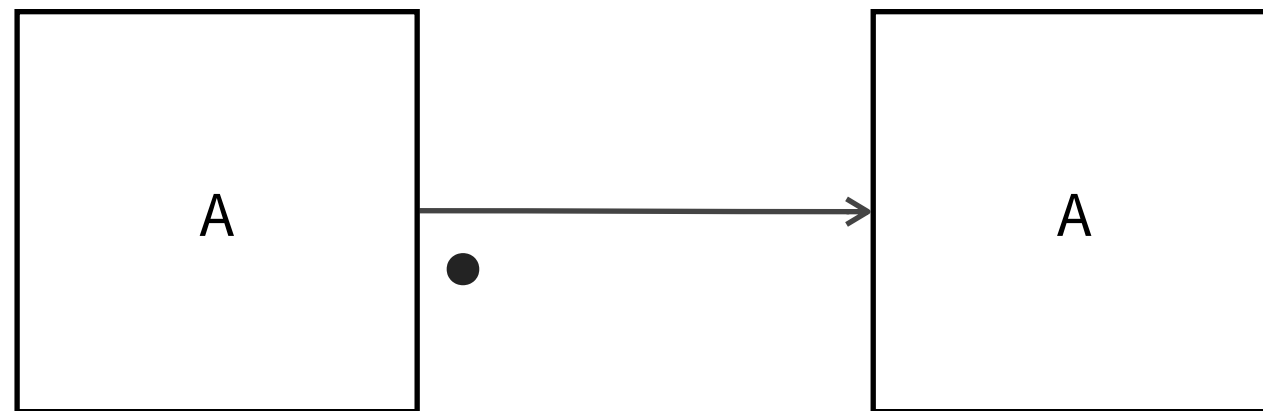
Flow

A → B

flow from A to B

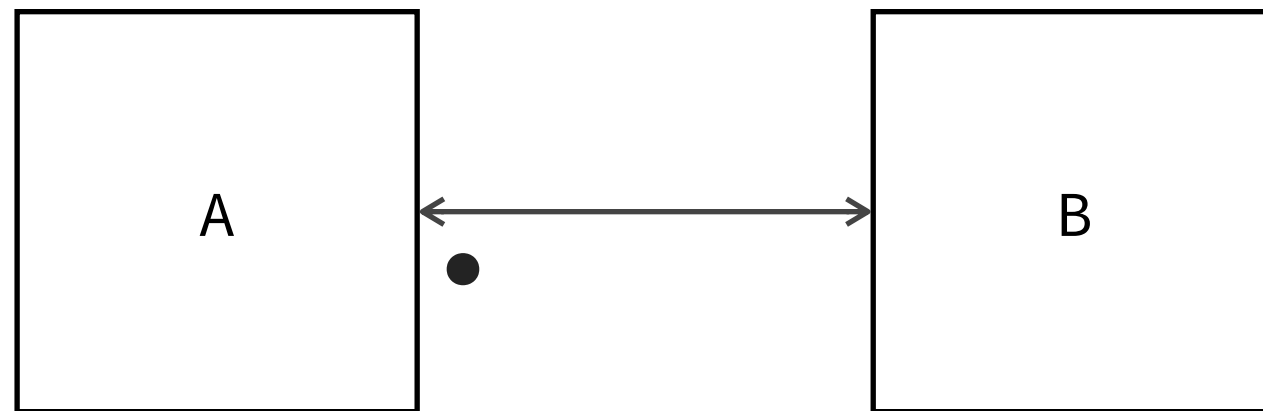does not differentiate control or data flow
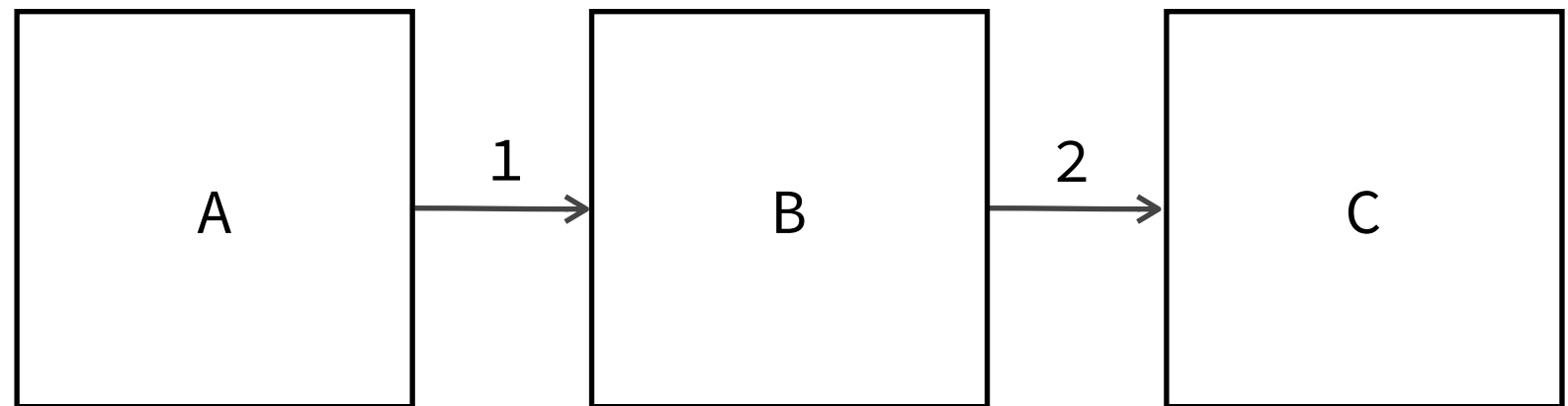
Caller

A → A

A is calling,

flow to B

Synchronous


```
A initiates a synchronous communication

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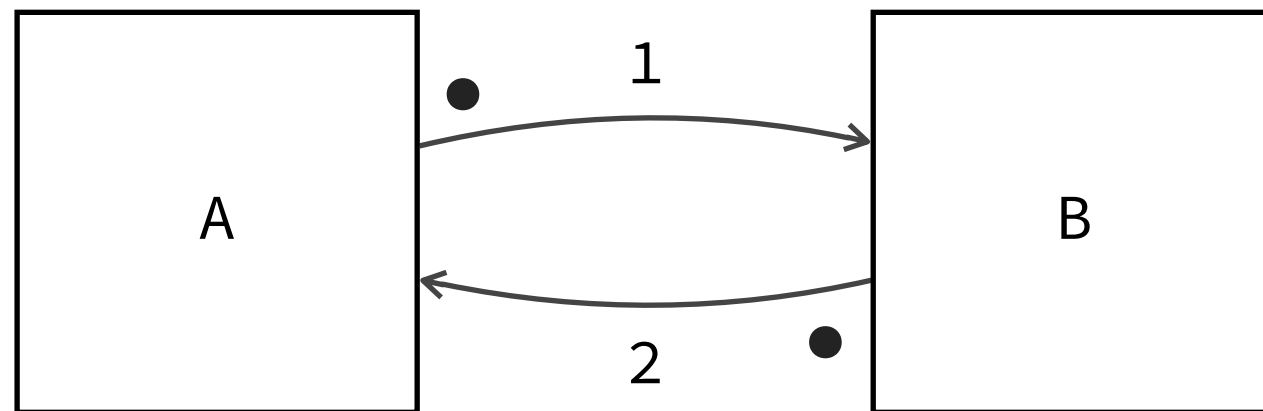
Sequence

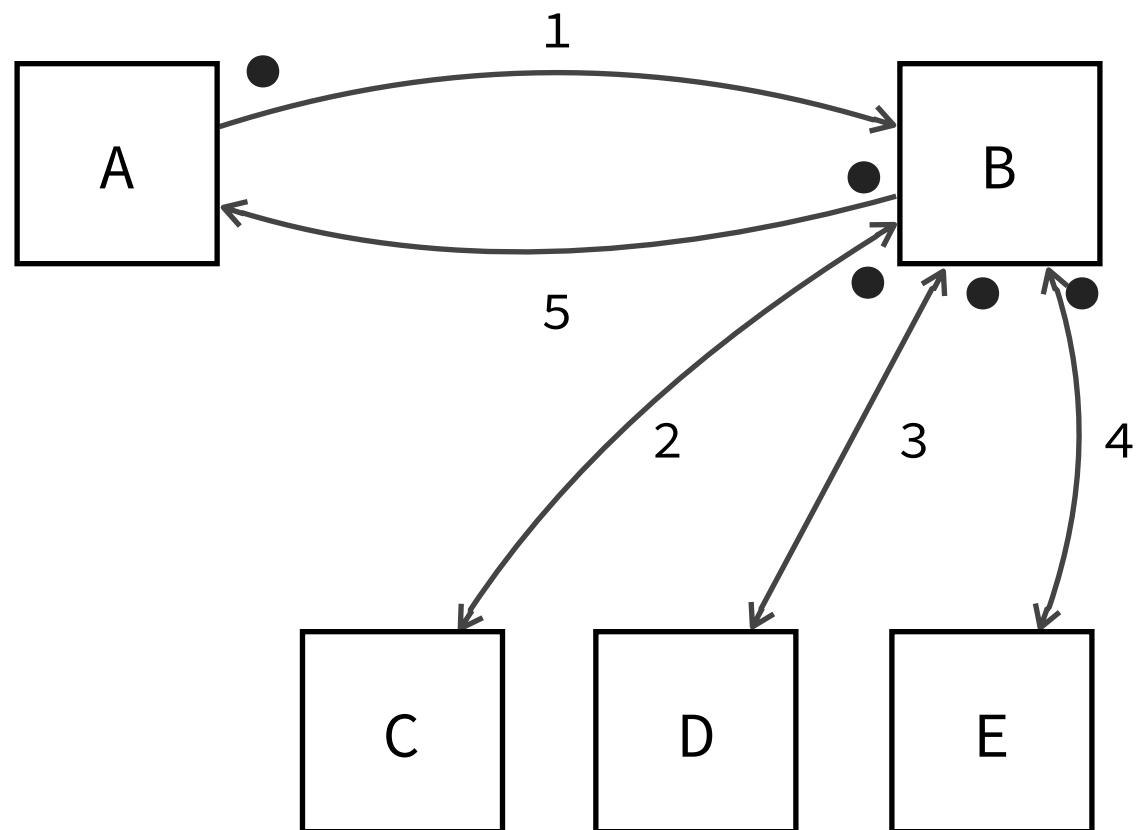1. flow from A to B

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

BBL

Model natural.

Ulf Schneider
http://ulf.codes/bbl