

Software Processes

Processes

waterfall method
Spiral

agile/extreme

evolutionary

Component based

RUP

↳ mashups/SOA

Phase

SW SPEC

development

design

Maintenance

integration

Waterfall Method

1. business activity

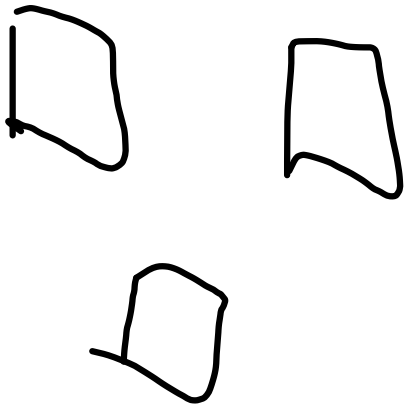
↳ visibility

2. are contexts where
this makes sense

RUP → UML

represents components

Component
diagrams

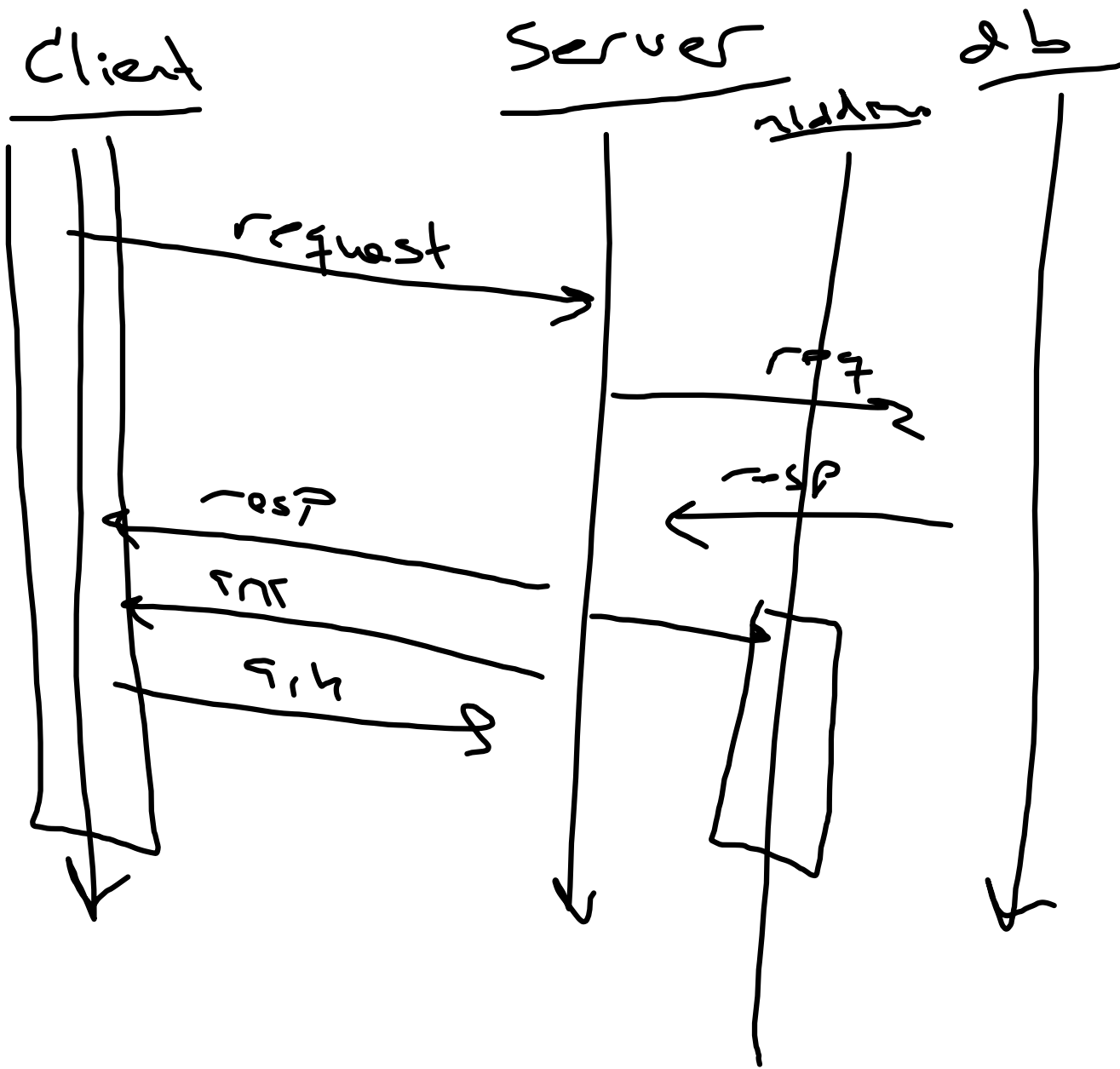


Class diagrams

Sequence diagrams

State diagrams

17 types
of diagrams



HML → Use-Case diagrams

user goals/tasks

- US -

methodology

UML → CASE Tools

compilers, interpreters

editors w/ or w/o IDE

profiler

test coverage

lint /
pretty
printer

Stock	Share	Price	Total
IBM	2000	100	2×10^5
Xerox	100	80	8000
			<hr/>
			29,000

EXCEL

problem?

I want a program
to run from a unix
command line which
takes stock purchase
data either as cli
or as data file and
produces report either
as PDA or xml file.

Data format? input/output.

Output name, etc.

gui?

Data format

Details about PDF

XML DTD?