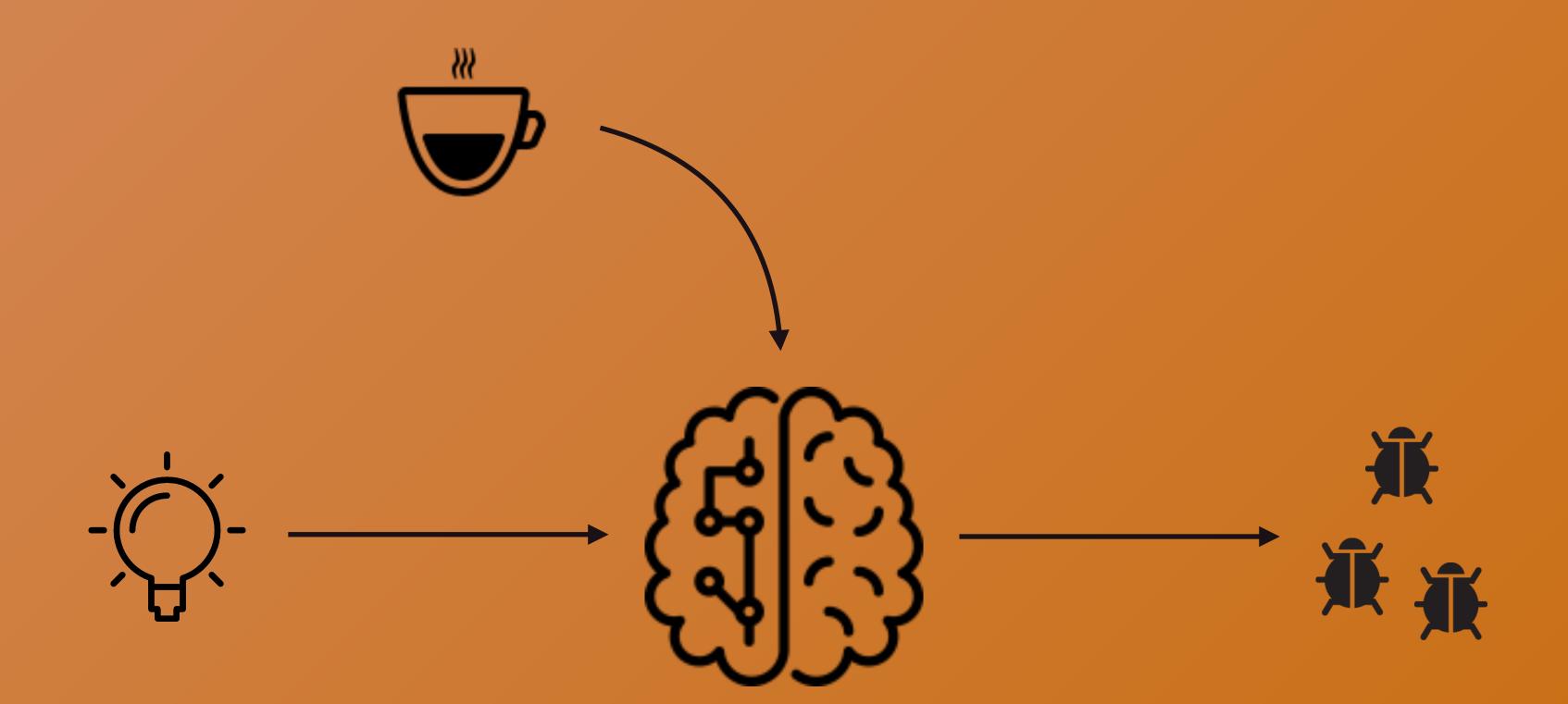
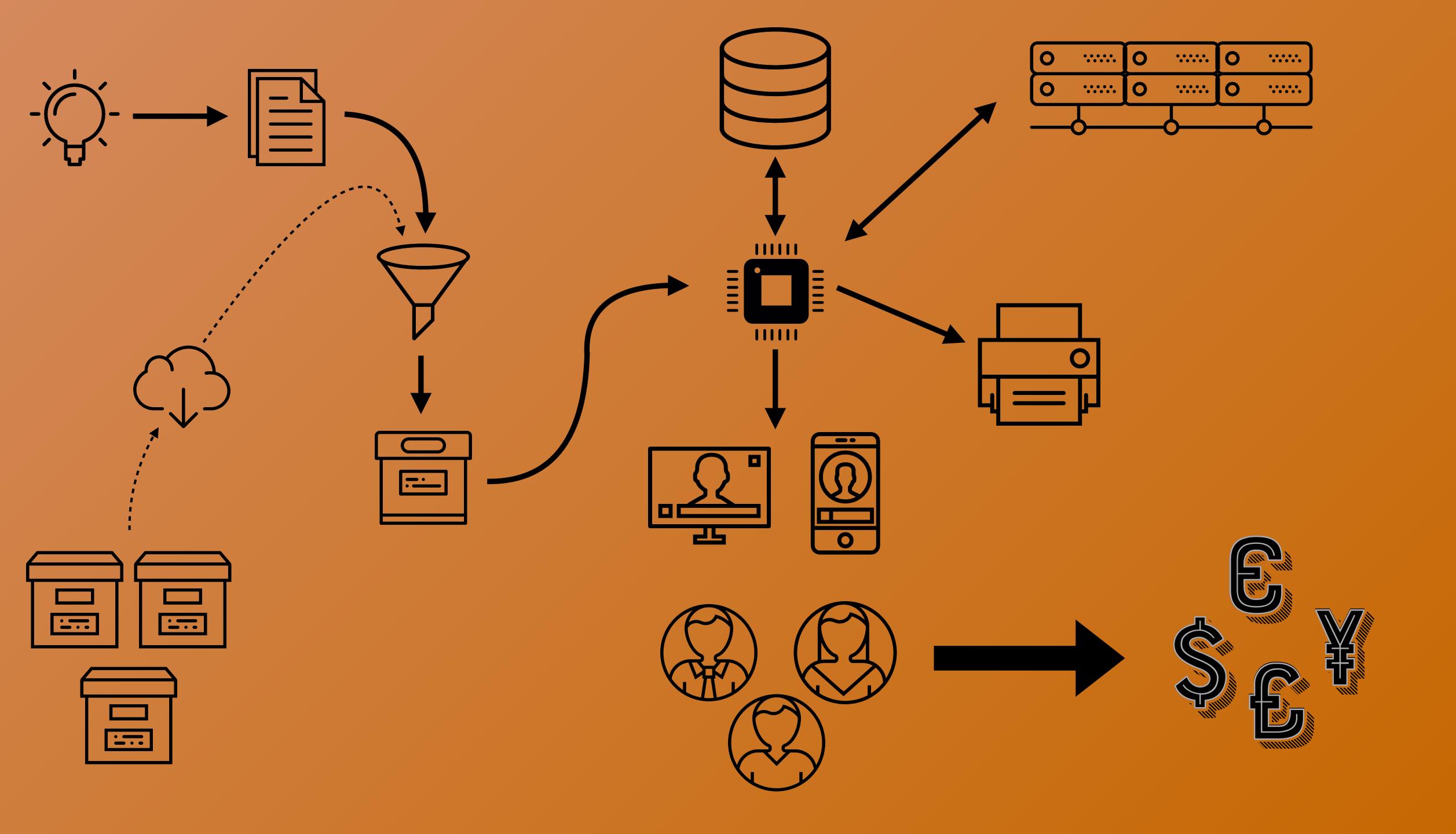
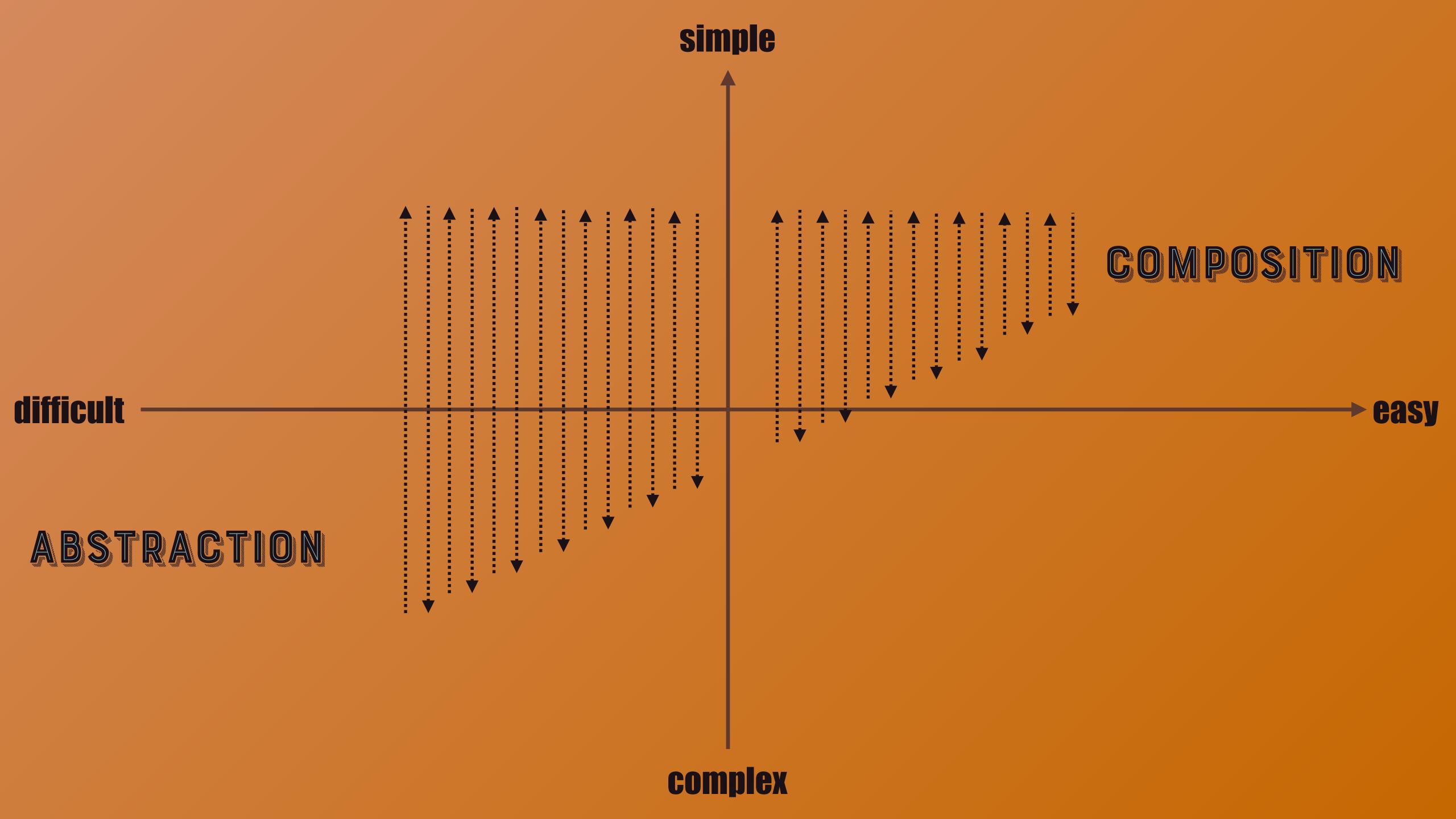


Mat Is It as software developers ?





Stacking layer upon layer of ABSTRACTION is the only way we have to cope with that tremendous



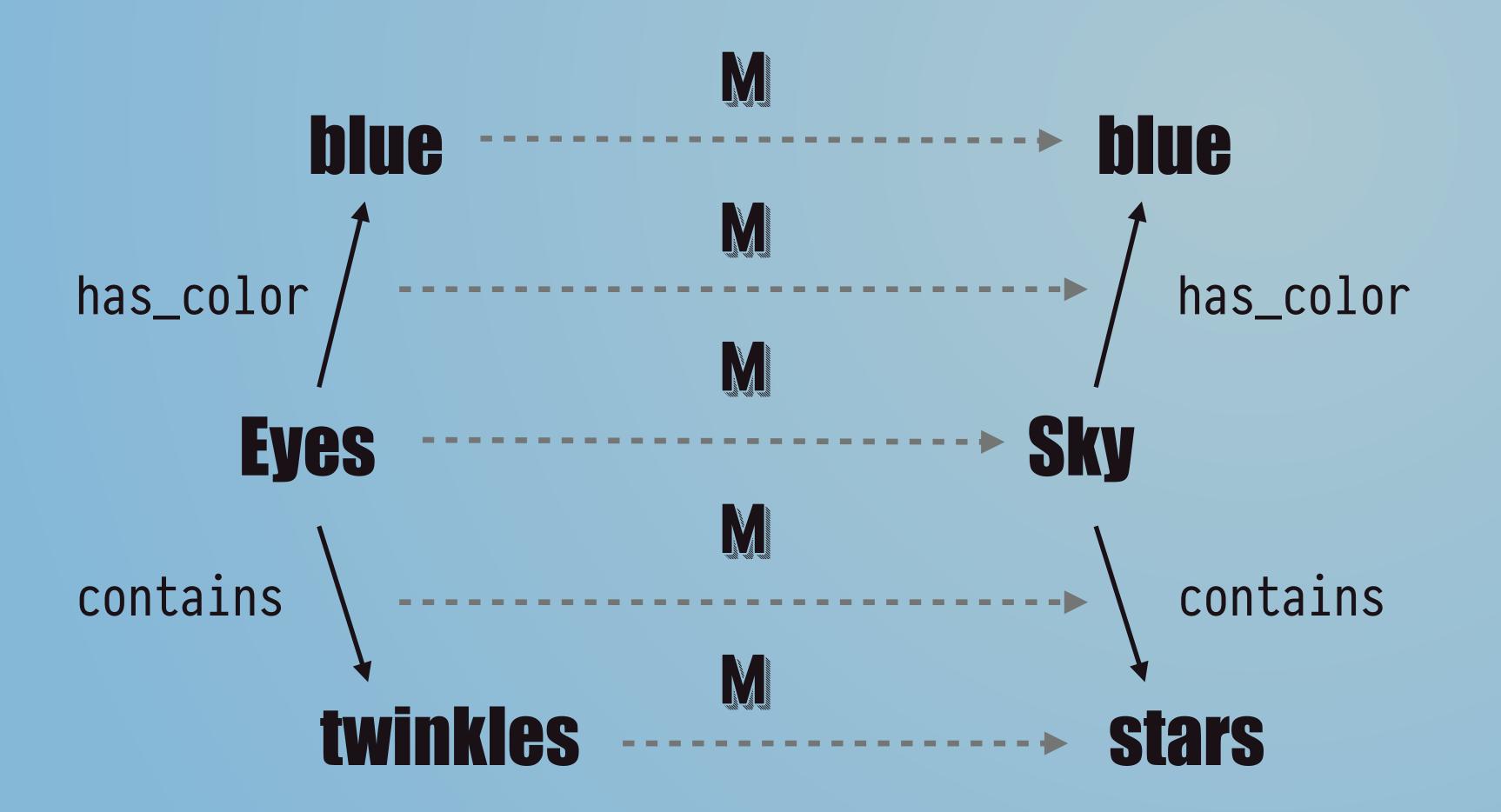
Abstractions make complex things ut mastering new ones is often

sometimes a good

is worth a thousand words

work by collecting a system of

from some things to other, better known things



Numbers are a difficult ABSTRACTION

Children often count using their fingers as a

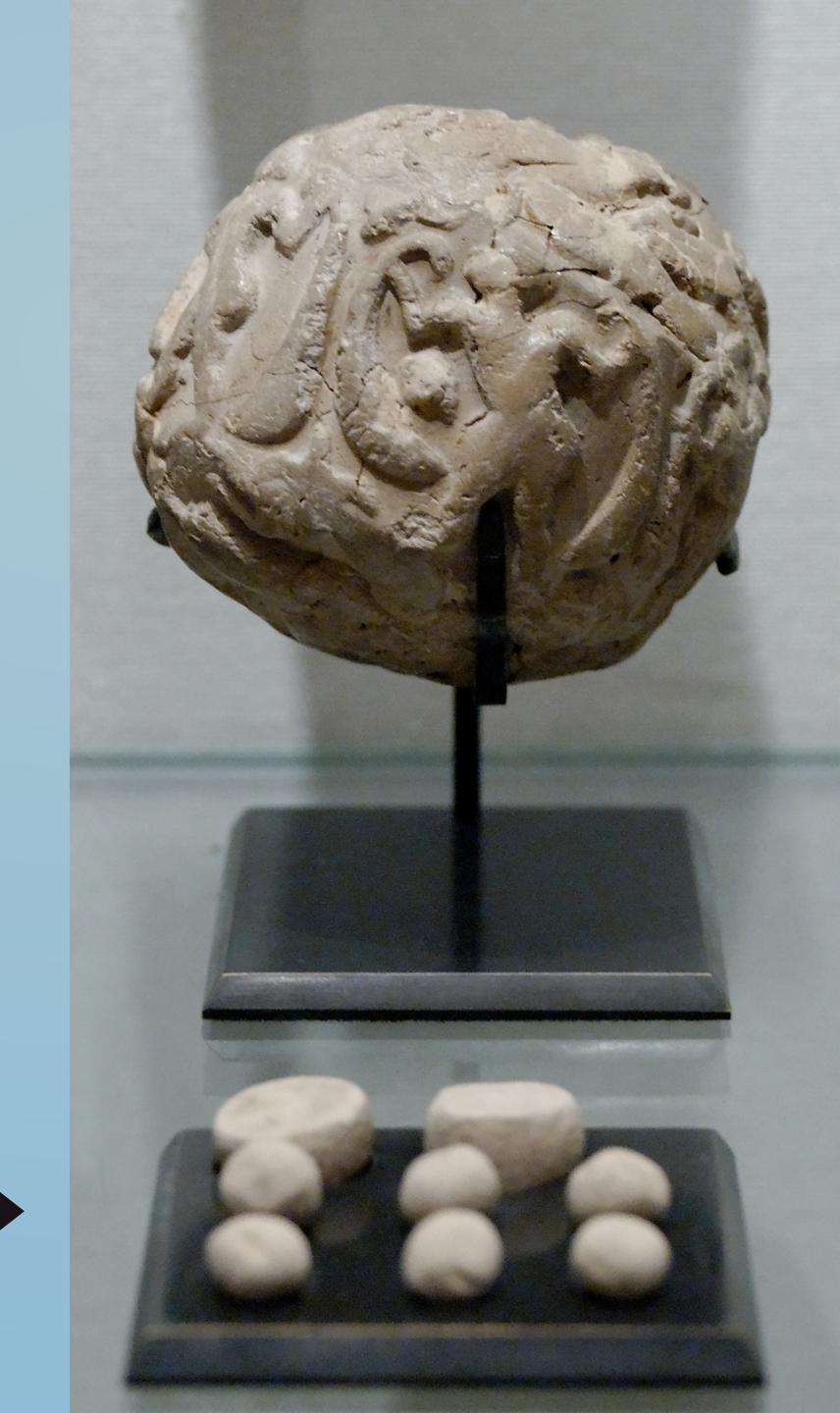


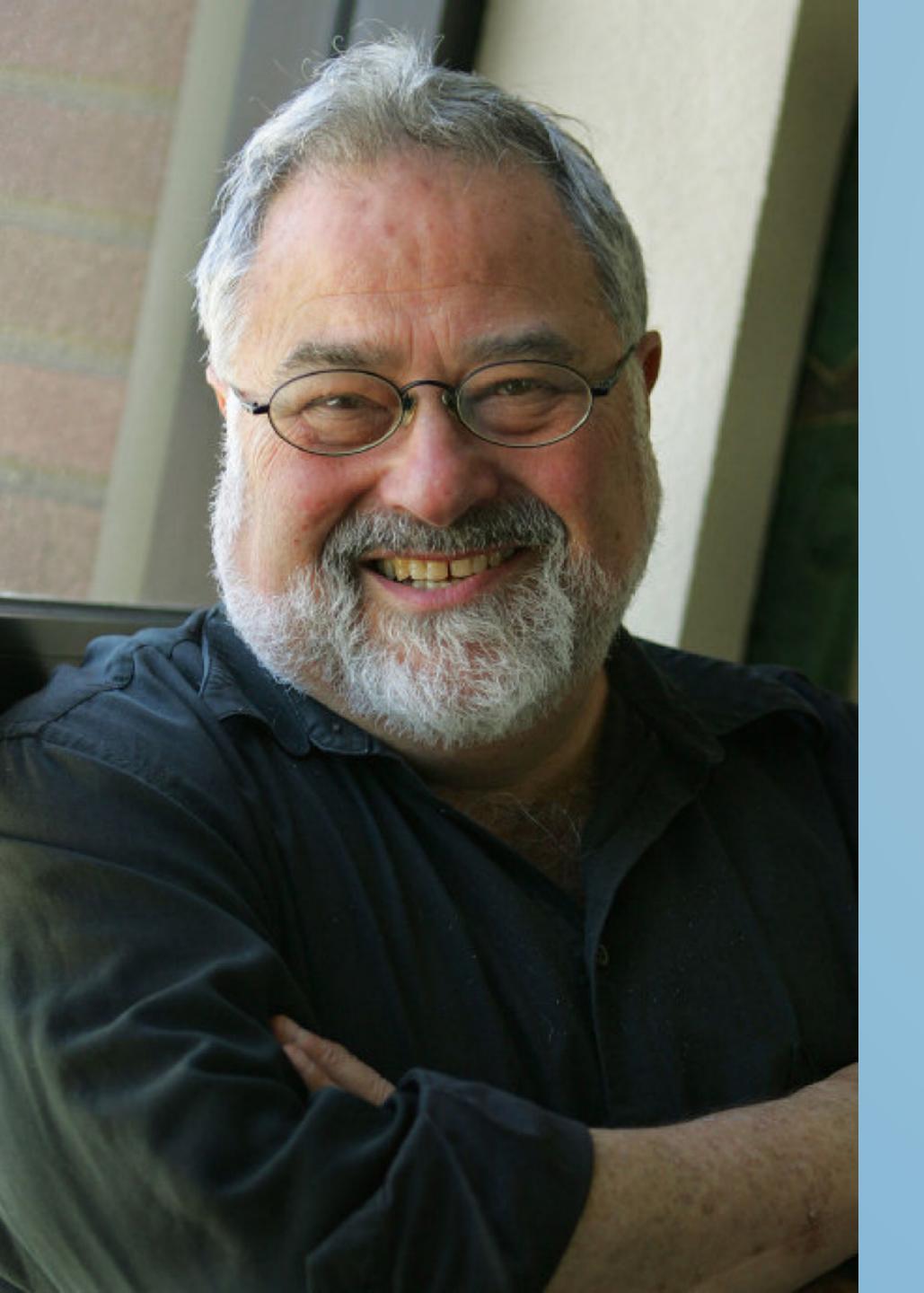
Oh and by the way "Digits" are called that way by ANALOGY

with the word « digitas », which is latin for « finger »

The ultimate

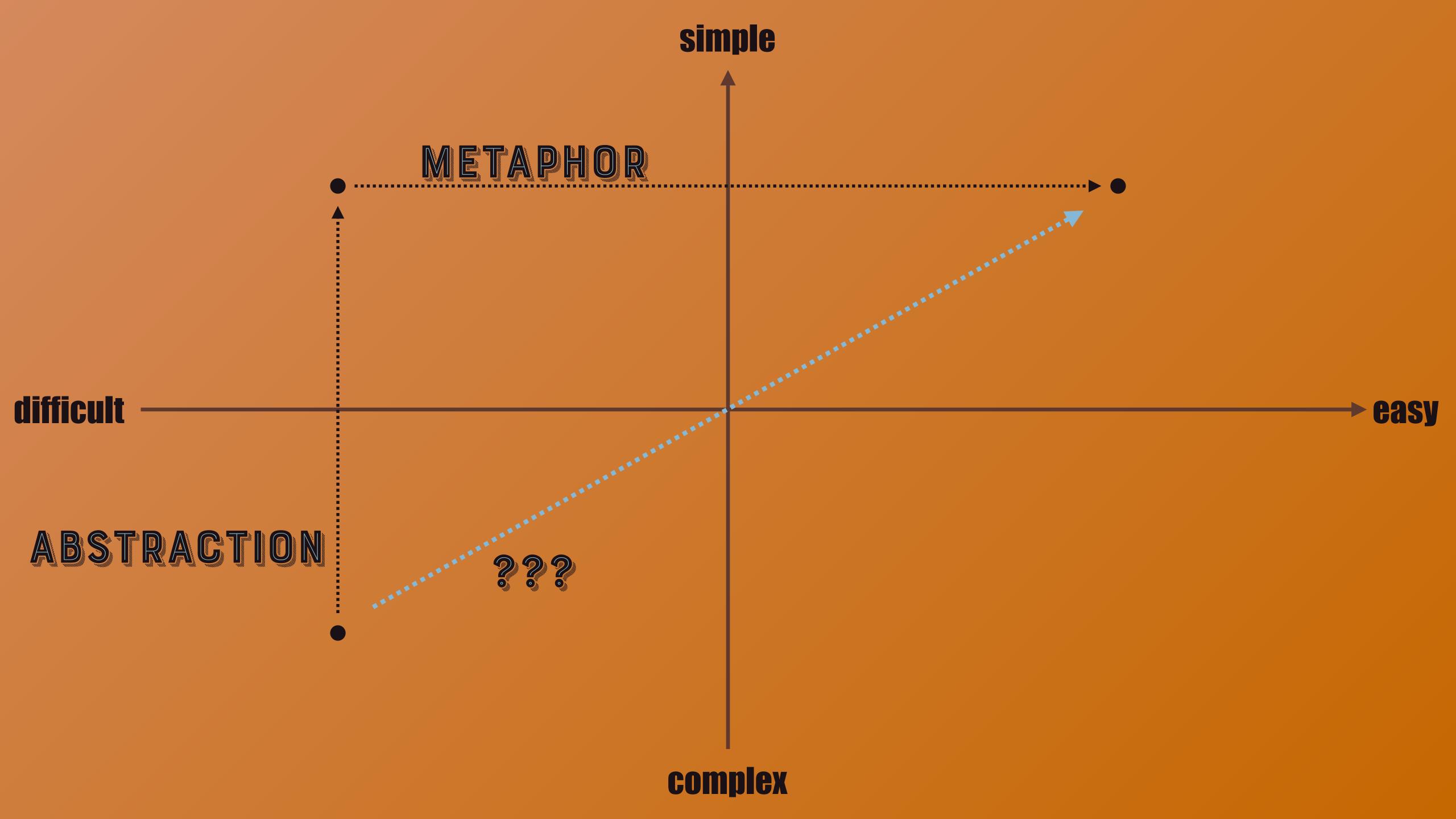
«Calculi»— 3000 BC





GEORGE LAKOFF

Metaphors shape the way we think



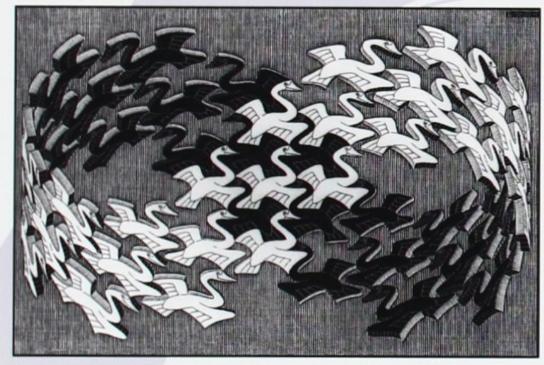
There are problems with

METAPHORS

Design Patterns

Elements of Reusable Object-Oriented Software

Erich Gamma Richard Helm Ralph Johnson John Vlissides



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Foreword by Grady Booch



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ADDISON-WESLEY

PROFESSIONAL

COMPUTING

SERIES

Meet the (dreaded) CANG OF FOUR

Horsemen

of Apocalypse

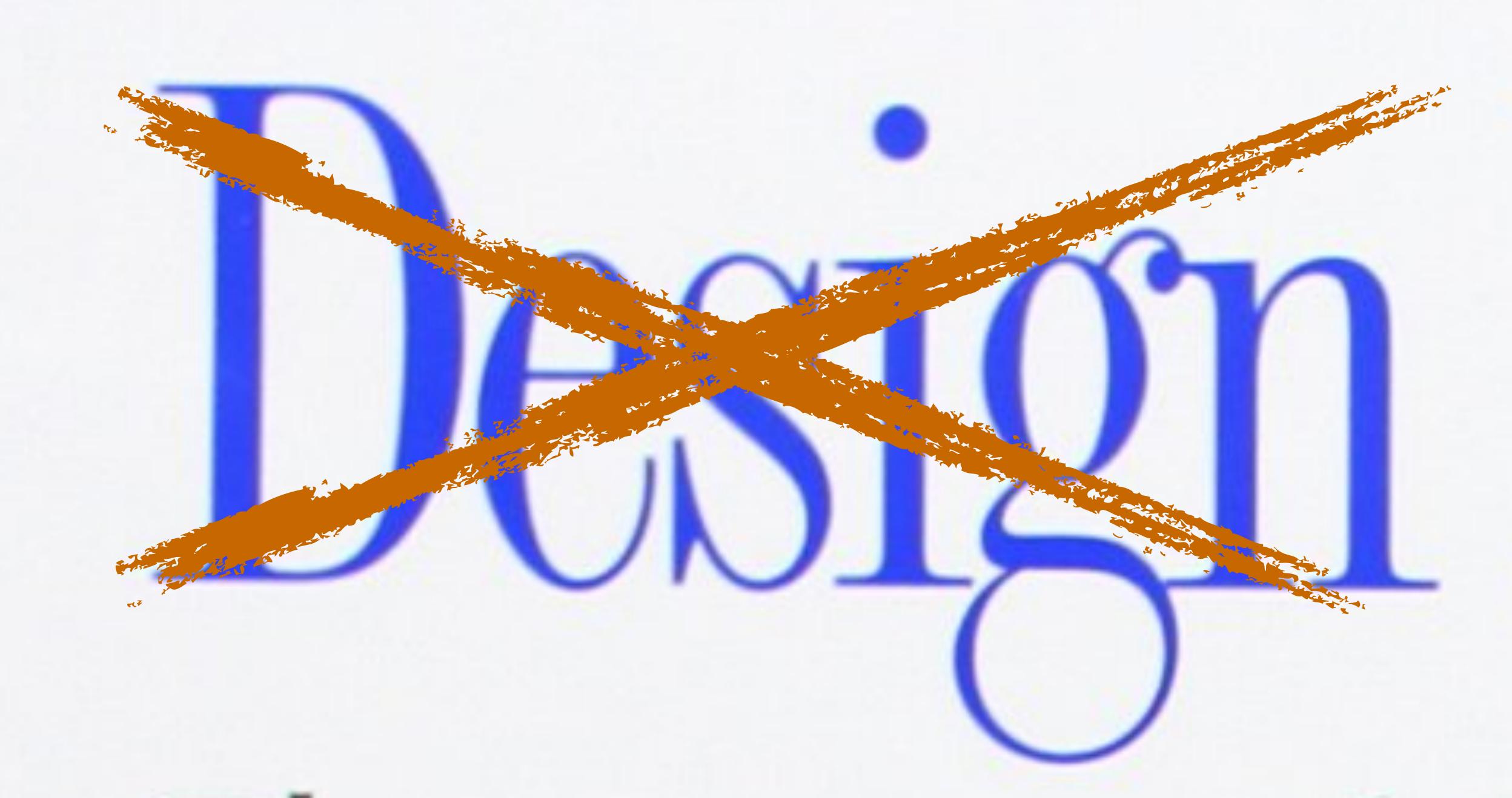
Design Patterns

Elements of Reusable Object-Oriented Software

Erich Gamma Richard Helm Ralph Johnson John Vlissides

Design Pat

Elements of Reusal Object-Oriented Se



design | dizajn | [noun]

Conception of an objet that allies aesthetics to utility.

transliterated from the French definition



Iterator, Proxy, Decorator, Observer Template Method, Bulloer, Interpreter Singleton, Adapter, BRIDGE, Composite FACADE, Flyweight, Prototype Command, FACTORY METHOD, Mediator Observer, State, ABSTRACT FACTORY Chain of Responsibility, Strategy, Visitor

The « Garnenter» sees his activity as

and becomes overly attached to his « creation »



METAPHORS are only good when they help us to grasp new

ABSTRACTIONS

which are the Real Stuff in

PERMANENT

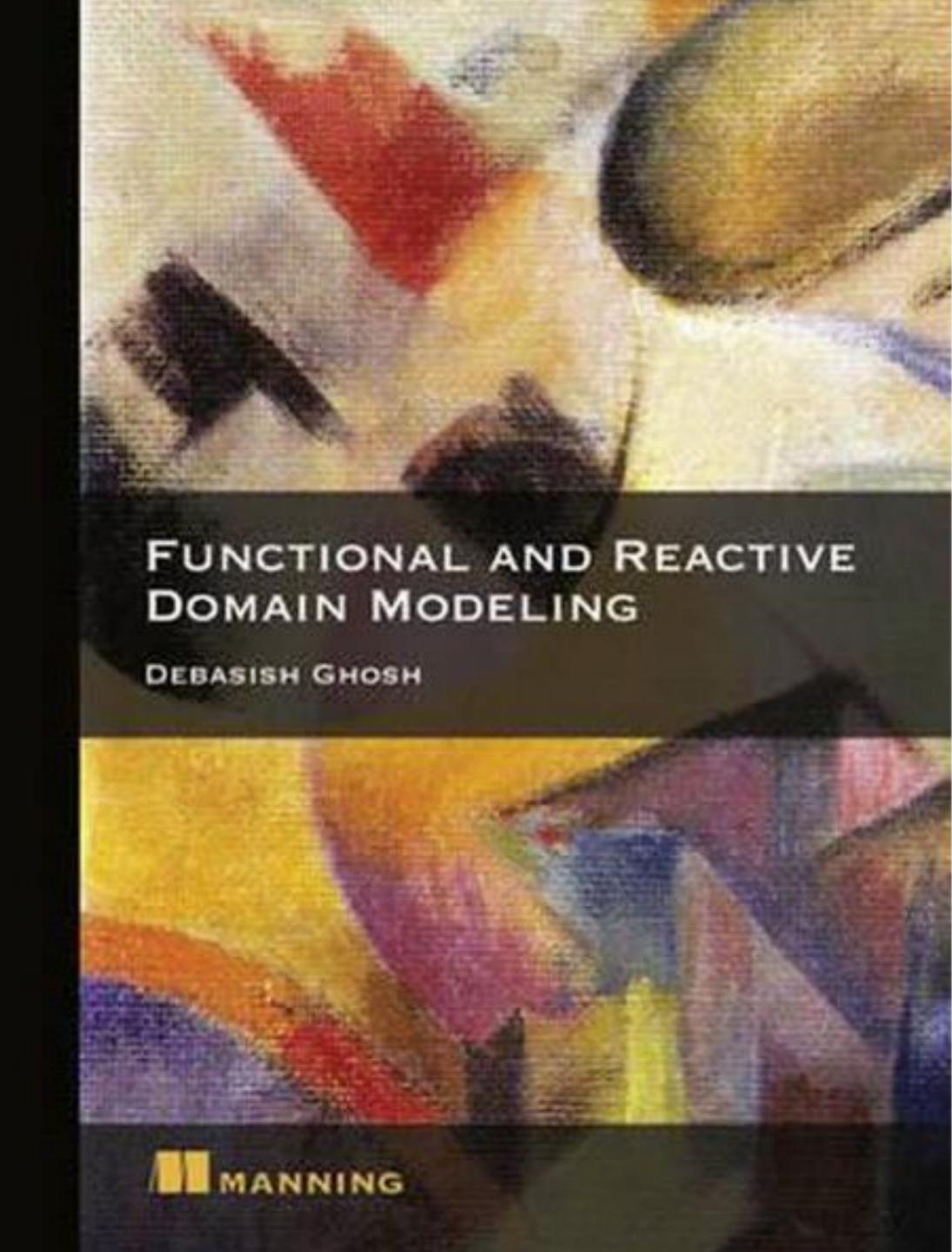
The « Cartographer » considers is job to be one of



He searches for the abstractions that are hidden behind the business' requirements

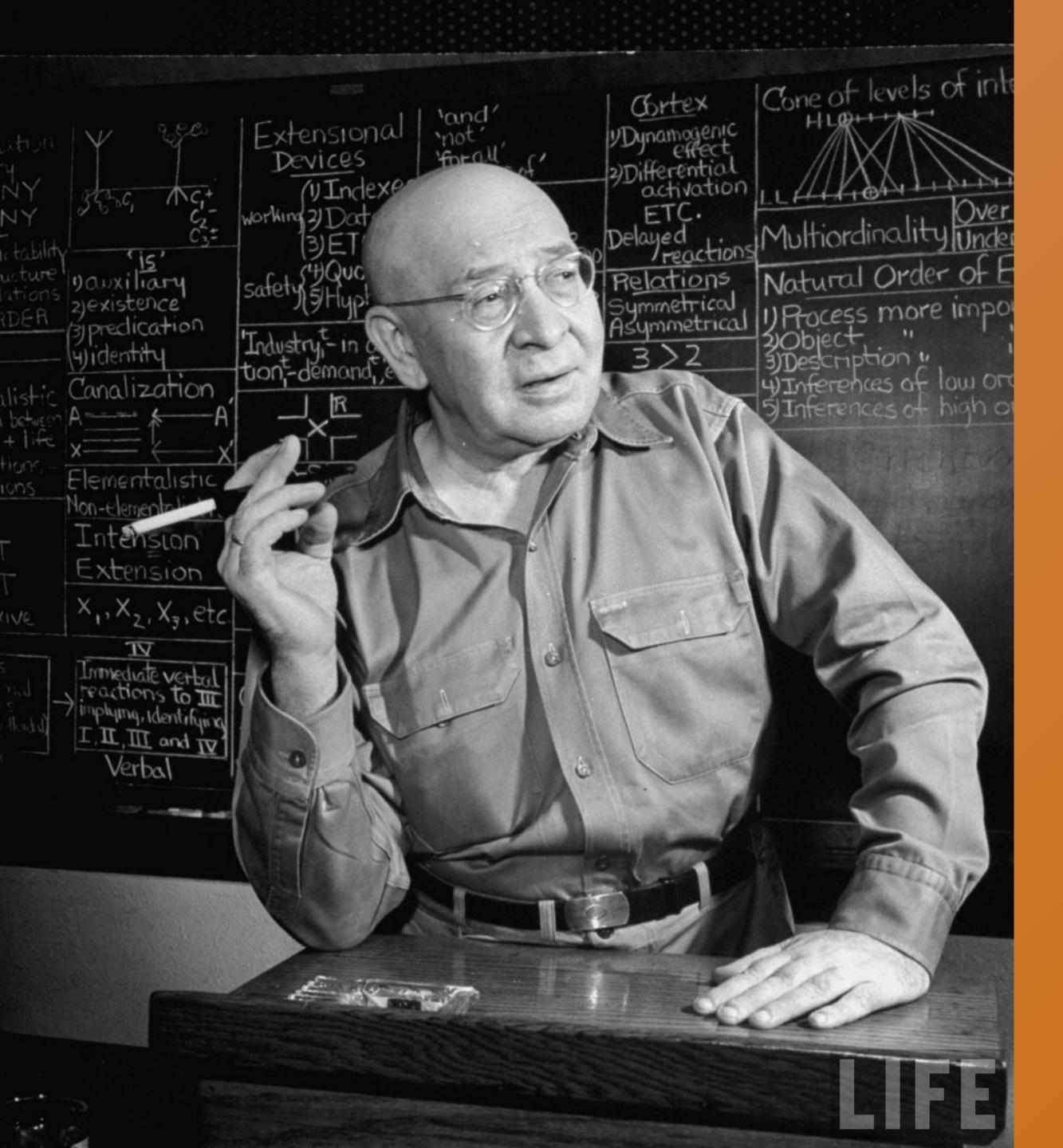
DEBASISH GOSH

as the prototypal cartographic cartographic care and care



The Garpenter projects order onto complexity The Cartographer Extracts abstractions from complexity

Jon's Black Screen of Wakeup TM © Univalence

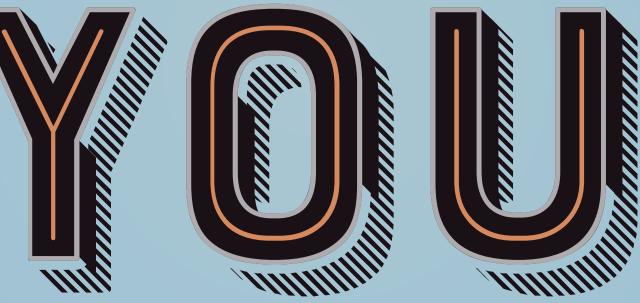


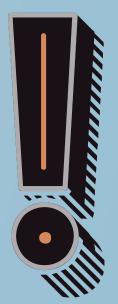
AMAPIS NOT THE REPORT OF THE RESIDENT OF THE R

ALFRED KORZYBSKI

When exploring a new territory first send the CARTOGRAPHERS in

Only then send the CARPENTERS once your map is precise enough







https://github.com/vil1

http://kanaka.io

Scala

The Scala event in France!

November 2nd and 3rd, 2017 - Lyon, France Tweet



ScalaIO is back again!

CFP coming soon

@ScalaIO_FR