CARPENTERS

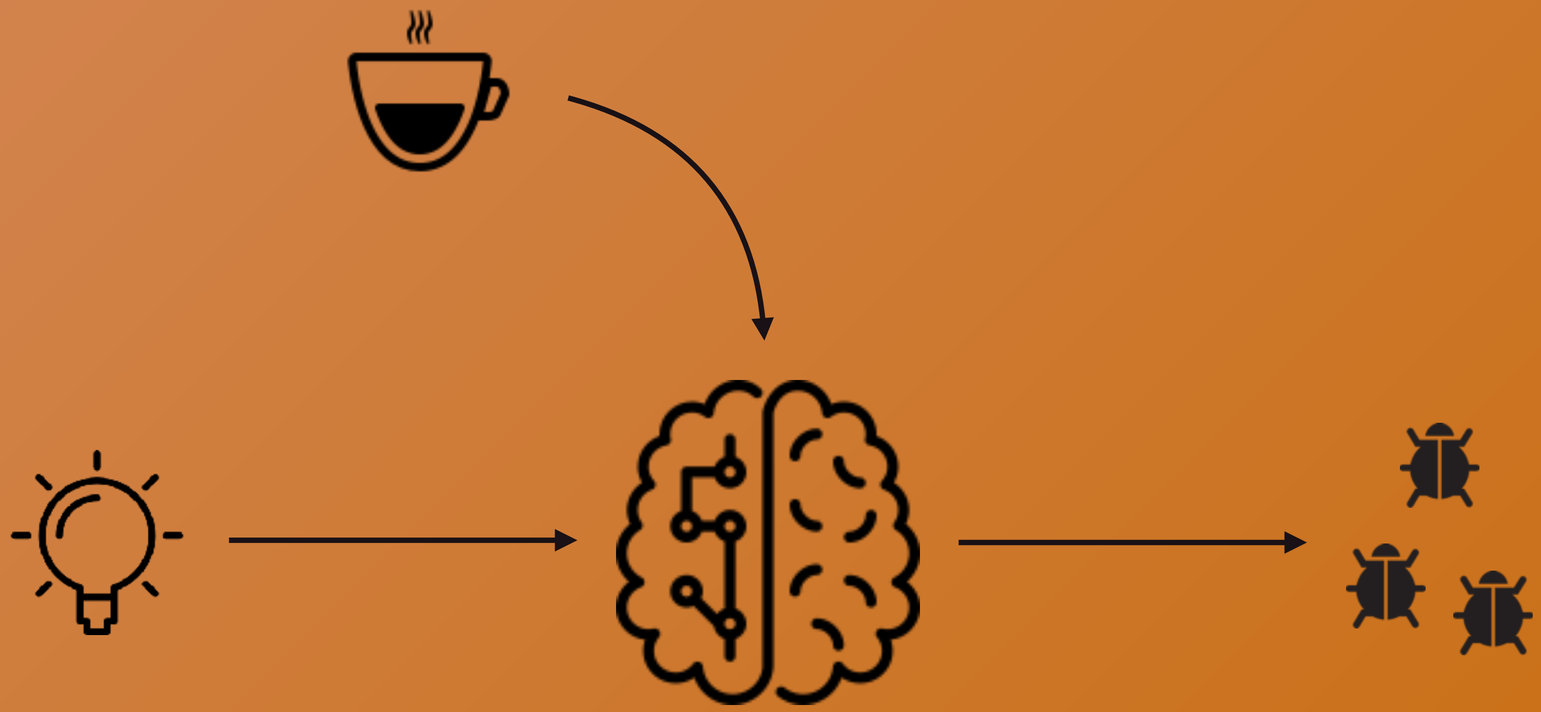
&

CARTOGRAPHERS

What is it

WE DO

as software developers ?



Stacking layer upon layer of

ABSTRACTION

is the only way we have

to cope with that tremendous

COMPLEXITY

Abstractions make complex things

SIMPLER

but mastering new ones is often

DIFFICULT

Sometimes a good

METAPHOR

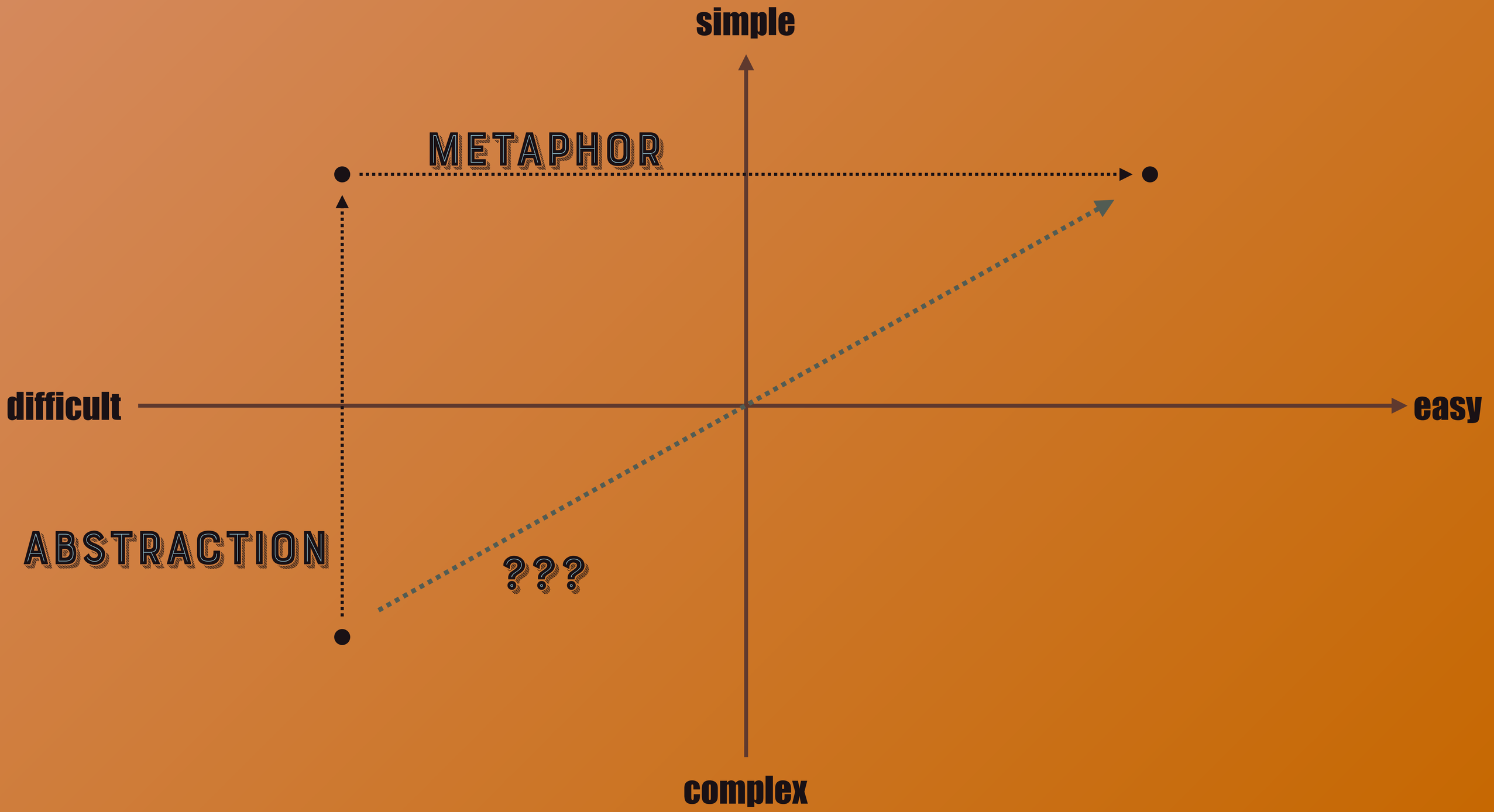
is worth a thousand words

Numbers are a difficult

ABSTRACTION

Children often count using their fingers as a

METAPHOR


simple
METAPHOR
difficult
easy
ABSTRACTION
???
complex

There are PROBLEMS with METAPHORS

CULTURALLY BIASED

UNLAWFUL

PERSISTENT

The CARPENTER

The CARPENTER sees his activity as CREATIVE

and becomes overly attached to his « creation »

METAPHORS are only good

when they help us to grasp new

ABSTRACTIONS

which are THE REAL STUFF ™

UNIVERSAL

PERMANENT

LAWFUL

The CARTOGRAPHER

The CARTOGRAPHER considers his job to be one of DISCOVERY

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

The Carpenter PROJECTS order onto complexity

The Cartographer EXTRACTS abstractions from complexity

CARTOGRAPHY BEFORE CARPENTRY

THANK YOU !

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https://github.com/vil1

http://kanaka.io