GODEFIN

or the fine art of knowing
what to do and when and why

by @infinitary

codefin

cynefin

decisions & non-decisions

CODEFIN

cynefin

fireworks

codefin

tcov

a play in four acts

lex & yacc & funtiemz

prologue

lost in the dark

"i already hate lex & yacc"

"where am i"

"what should i do"

"where should i go"

disorder

cacophony rules

we default here

intermission: enter bison

act one

despair at 4am

"i sure hate all bloody bisons now"
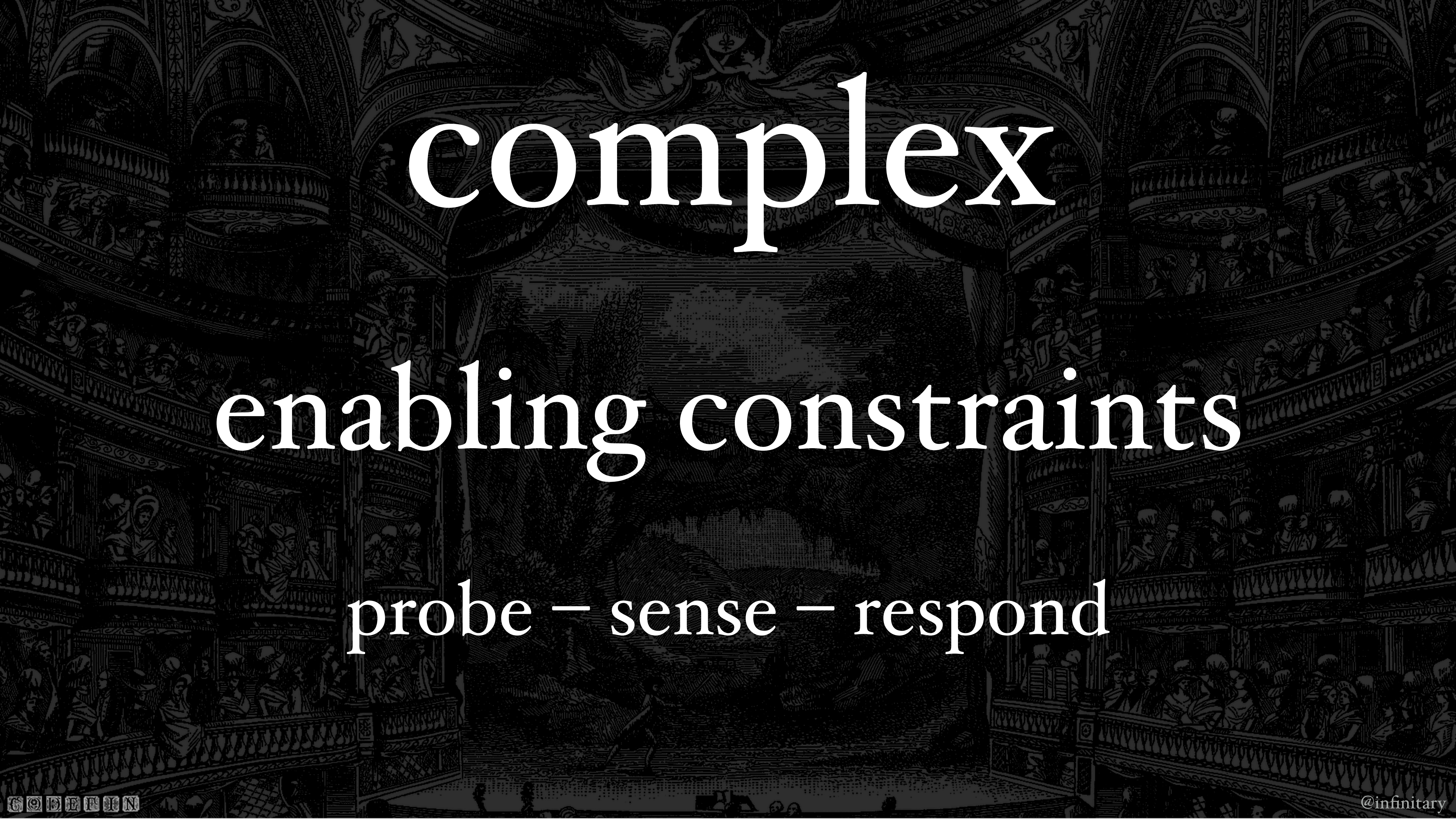
chaotic

no constraints

act – sense – respond

intermission: constraints ftw

act two

taming the bison

"i wonder if this will work"

GODEFIN

complex

enabling constraints

probe – sense – respond

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intermission: unknowns be gone

complicated

governing constraints

sense – analyse – respond

intermission: meeting mr pareto

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act four

todo, or not todo

"can this be over, like, now?"

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obvious

rigid constraints

sense – categorise – respond

epilogue

in the mountains of wales

with prof dave snowden

"context is everything"

cynefin

complex

enabling constraints
probe – sense – respond
emergent practice

complicated

governing constraints
sense – analyse – respond
good practices

disorder

chaotic

no constraints
act – sense – respond
novel practice

obvious

rigid constraints
sense – categorise – respond
best practice

GODELIN

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complex

complicated

chaotic

obvious

fireworks!?!

flat organisation

storming

interpreting   integrating   hierarchy

                                                                        norming

fluid   stable

complex   # complicated

pioneers   unknown   N   knowable   settlers

custom   product

        inventing   applying

                        W   E

discovering   complying

genesis   commodity

        explorers   unknowable   S   known   planners

chaotic   # obvious

turbulent   static

                intuiting   institutionalising

forming   performing

        self-organisation   bureaucracy

dynamic	stable
research	development
risk reduction	value delivery
time based	output based
design thinking	system thinking
retrospection	planning
emergence	recurrence
diversity	consistency
replaceability	reusability
objectives	tasks

yay, codefin!

CODEFIN

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collaboration

pair programming

code reviews

mob programming

headphones on

methods

prototype
and
iterate

incremental
development

spike
and
stabilise

processing
jira
tickets
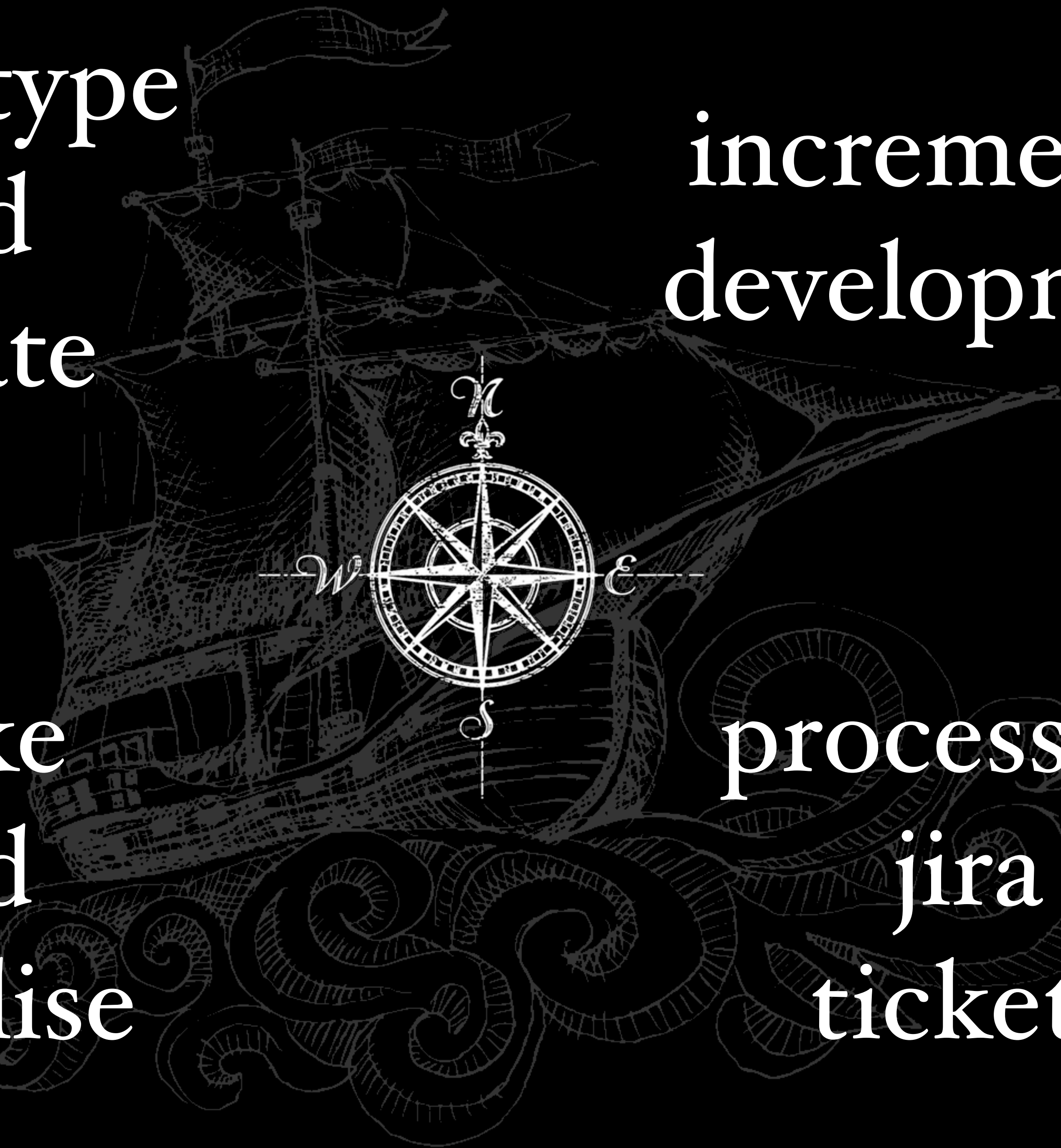
architecture

emerging
architecture

evolving
architecture

unborn
architecture

straitjacket
architecture
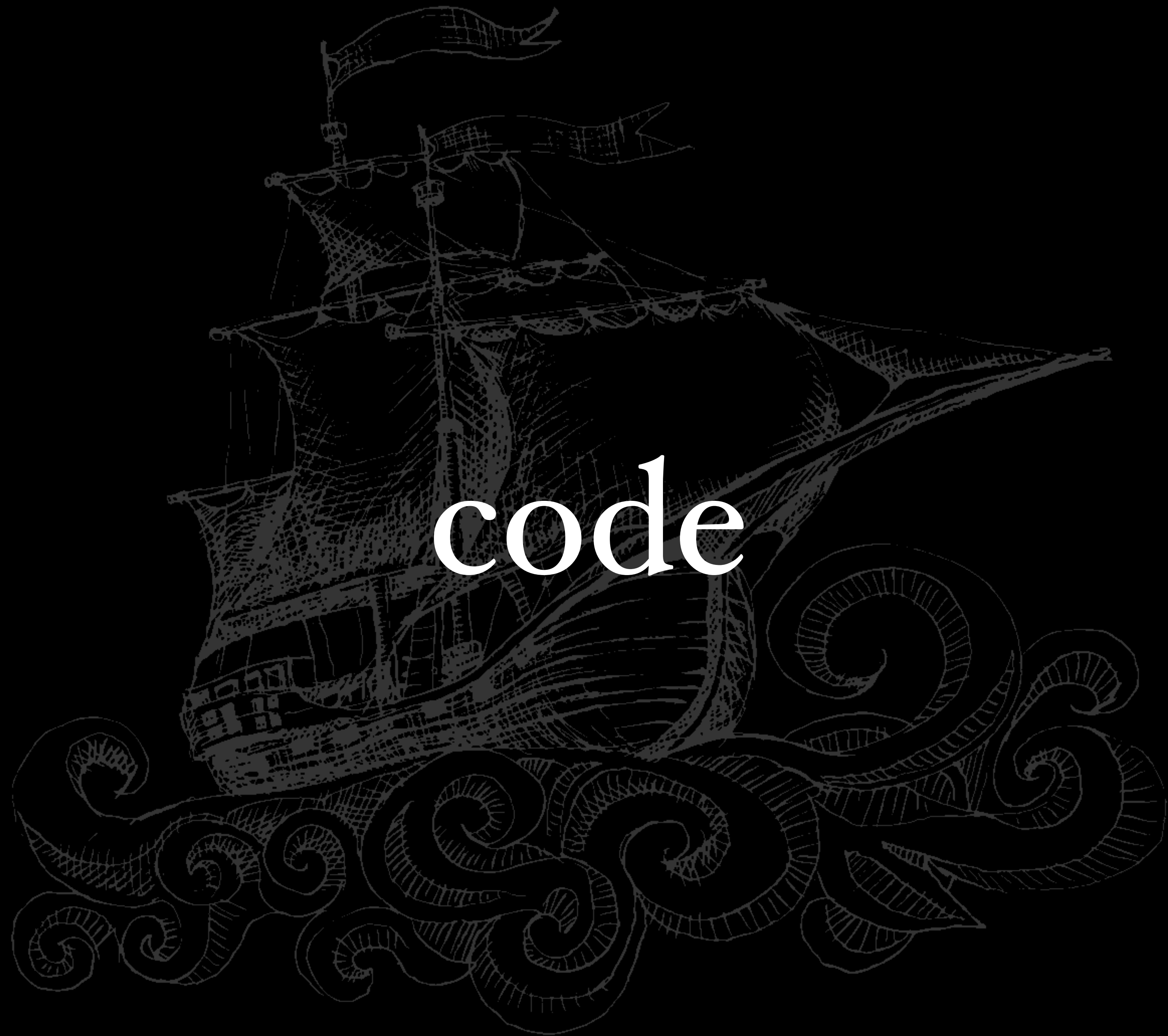
design

library

framework

stack overflow

code monkey

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refactor towards pattern

design with pattern

ad-hoc mess

live in a pattern

code

GODETIN

ruby

java

bash

excel

dynamic/weak typing   static/strong typing
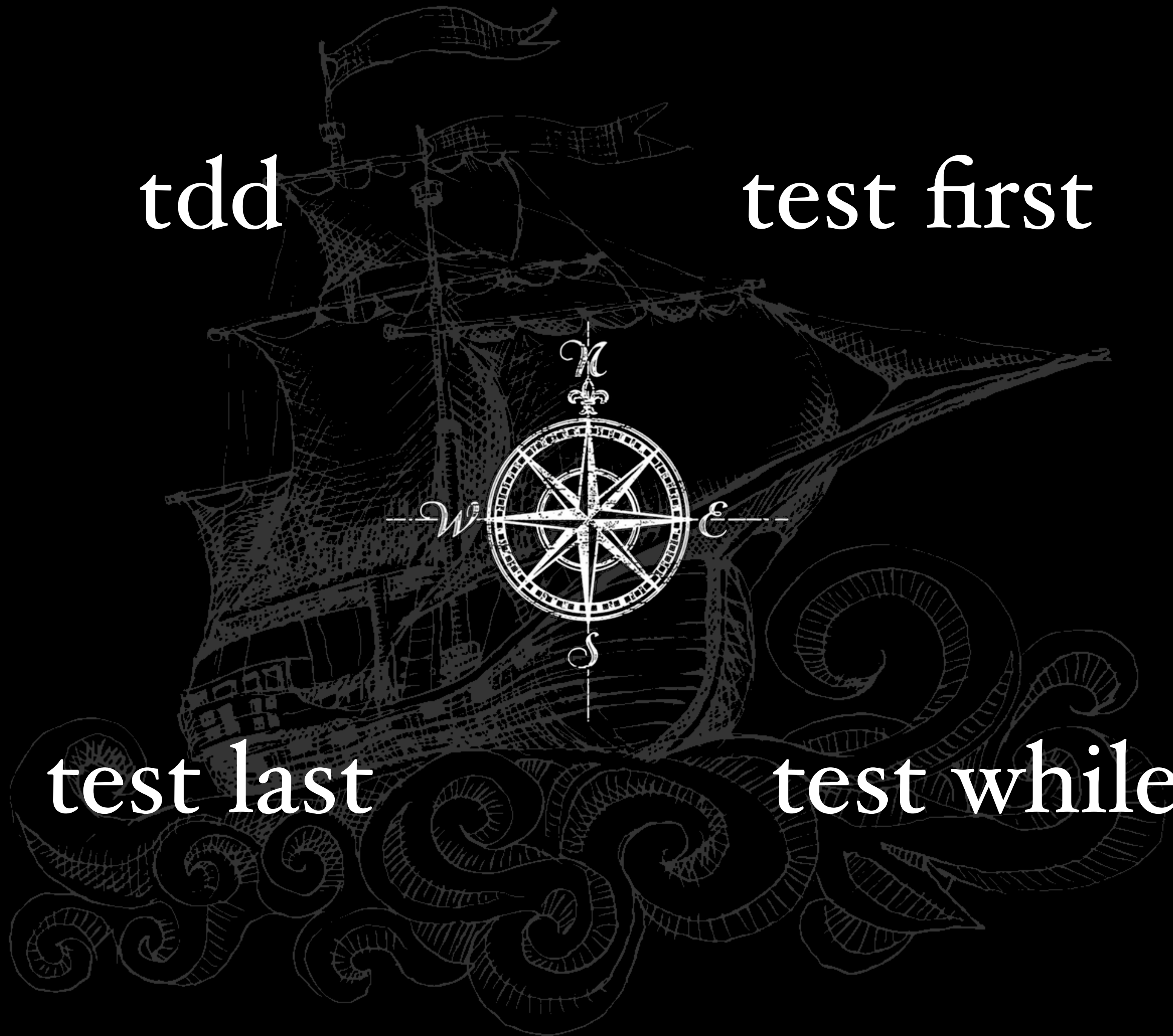
scripting language   code generator

testing

tdd

test first

test last

test while

GODETIN

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codefin ftw

pair programming
prototype and iterate
emerging architecture
refactor towards pattern
dynamic/weak typing
tdd

code reviews
incremental development
evolving architecture
design with pattern
static/strong typing
test first

N
W E
S

mob programming
spike and stabilise
unborn architecture
ad-hoc mess
scripting language
test last

headphones on
processing jira tickets
straitjacket architecture
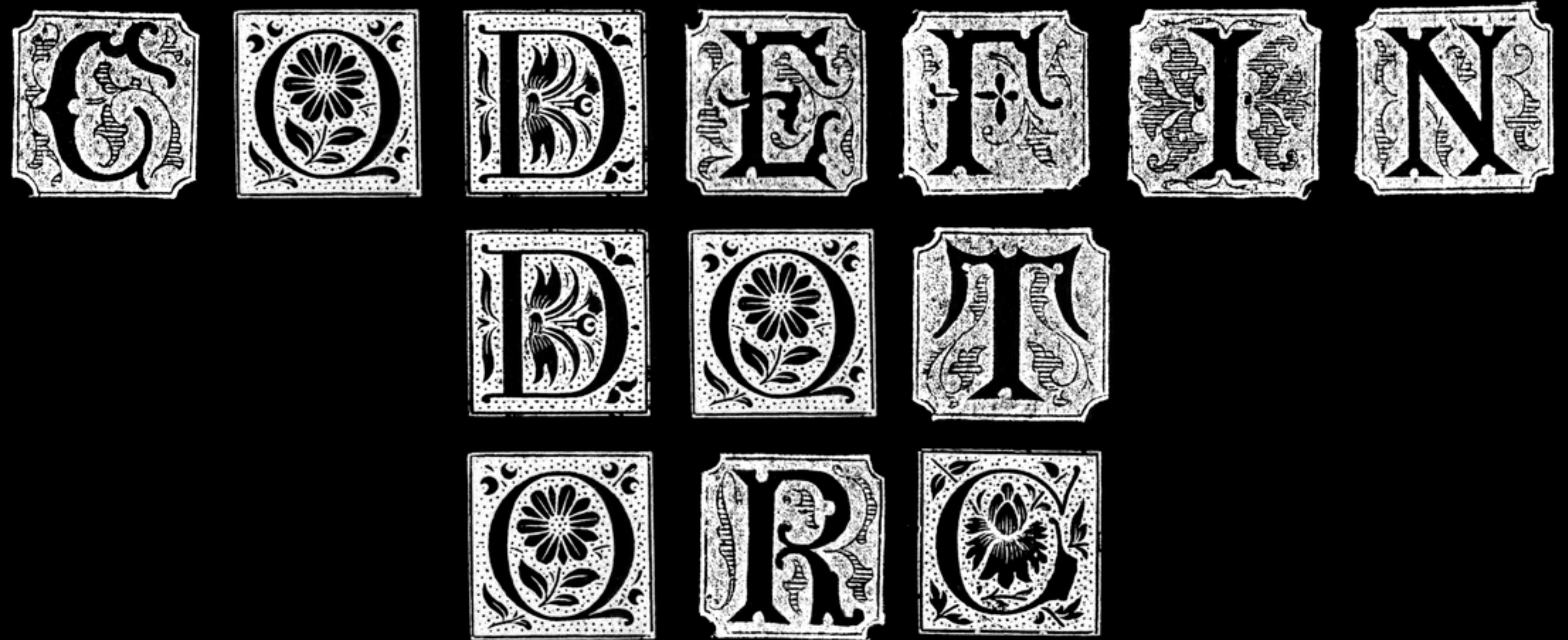live in a pattern
code generator
test while

"where am i"

"what should i do"

"where should i go"

thank you

CODE IN
DOT
ORG

by @infinitary