Deleting Code at Nokia

Tom Coupland
@tcoupland

#0254

What happened when we set out for simplicity

Tom Coupland
@tcoupland

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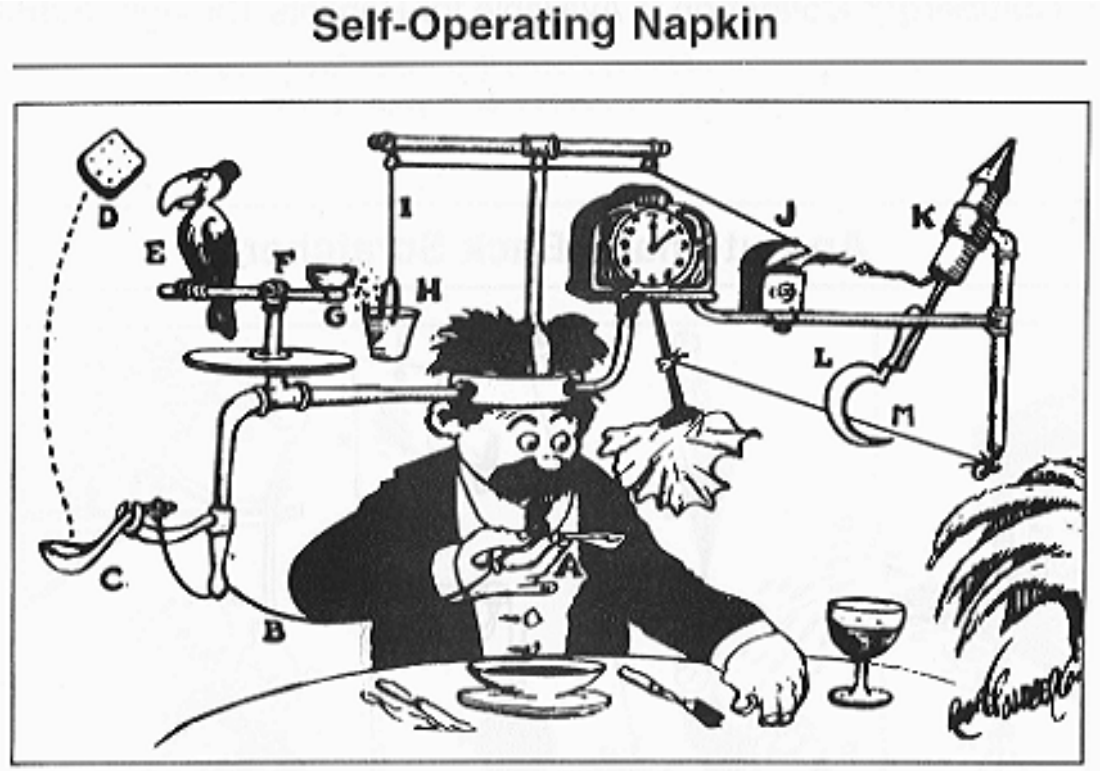
Nokia Entertainment Bristol

The Journey

Why did we set off?



Why did we set off?

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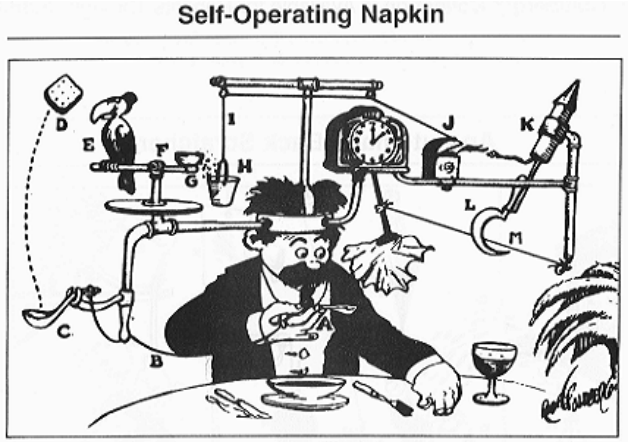


The Journey

Increased transparency

Easier to reason about

Can dive into the code

Less magic

The Journey

Simple configuration

Faster boot time

Does less

spring

jetty://

The Journey

Reduction in verbosity

Scriptable

Easier to reason

The Journey

?

Reduction in verbosity

Valid Java is valid Groovy

Functional concepts

Immature at the time

Lack of adoption drive

Cost/Benefit didn't add up

The Journey

Schema duplication

Familiar query structure

Reduction in mapping code

Built in sharding support

Similar write semantics

Stalked project

Engaged large group

Presented to department

Devops style deployment

The Journey

Both OO and FP paradigms

Developer satisfaction

Retains static types

Information Density

Both OO and FP paradigms

Complexity

Covert adoption

The Journey

?

Functiona
Decla rativ
Immu table
Dynamic
Simple

?

Concise
Sense of fun
The Joy of Clojure
Embodied in Land of Lisp

Local user-group

Greenfield service

Early knowledge sharing

Brown bag meetings

The Journey

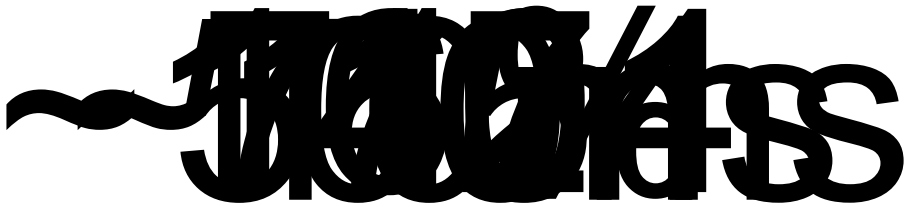
jetty://

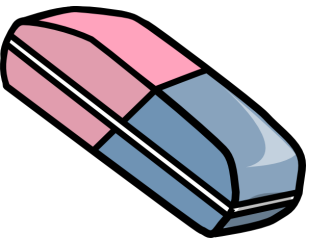
Leiningen

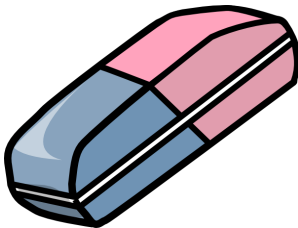
mongoDB

MySQL

What about Deleting Code?







How to escape

Think about what you want

Educate yourself

& those around you

Local user groups

Patience

How to move on

Break down your system

Perform experiments

Be inclusive

Patience

Be brave

Never make this mistake again?

Relax
You're going to
Prepare for it instead
Time of 'The Stack' is over
Break down your system
Keep learning
Have fun

Thank You

#0254

Refs:
"Simple Made Easy"
RHickey @ QCon 2012 (and others)

"Six Months of MongoDB"
TCoupland @ MongoUK 2012

"Clojure at Nokia Entertainment"
AJones & BGriffiths @ Skillsmatter 22/01/13