



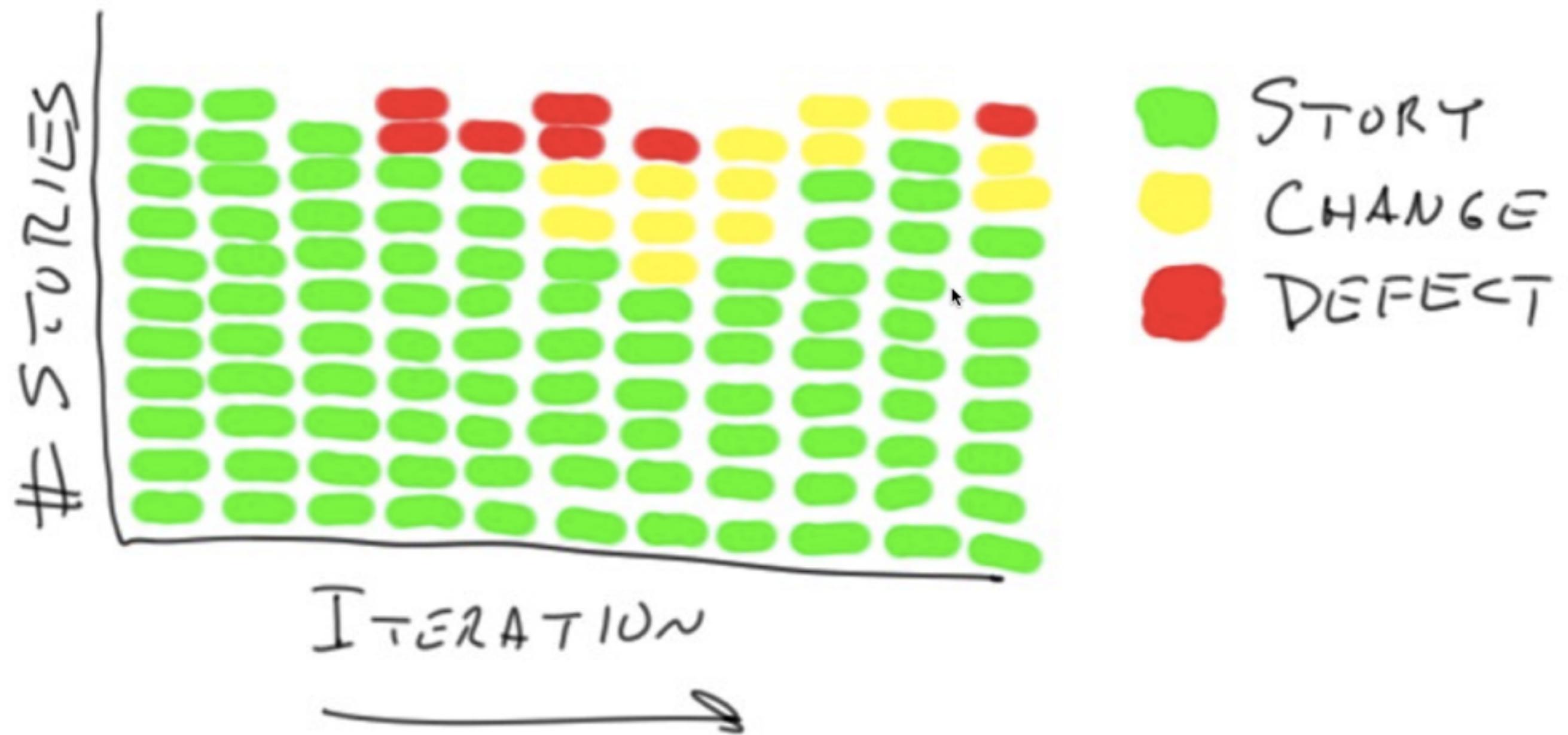
sketchnoting

for developers

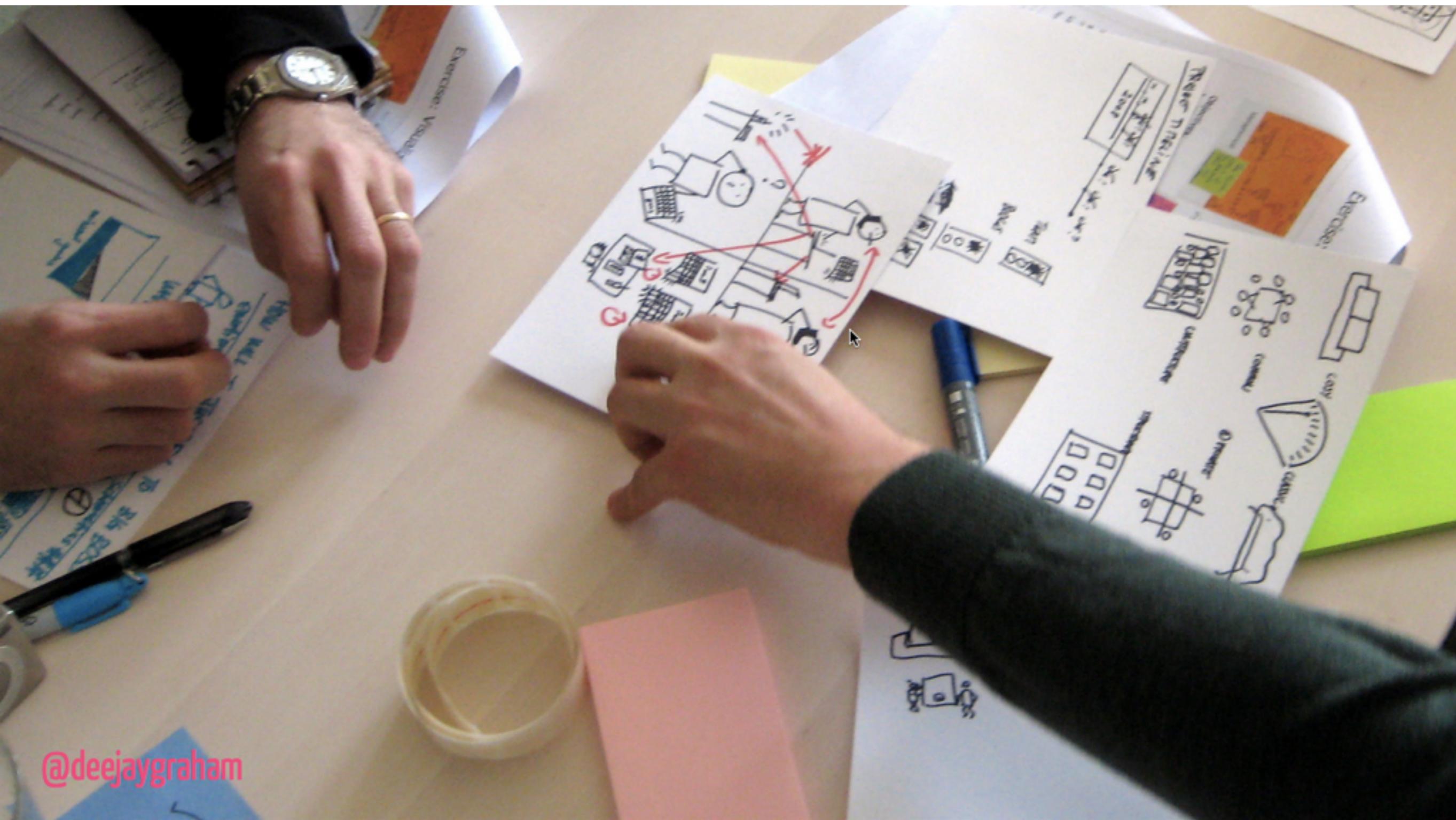
@deejaygraham

hey **hi** hello

@deejaygraham



@deejaygraham



@deejaygraham

Let's learn about shapes!

Everything around us is made of shapes.

Buildings are made of shapes.
Letters are made of shapes.
Robots are made of shapes.
Animals are made of shapes.
Humans are made of shapes!

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“All children are artists. The problem is how to remain an artist once they grow up”

Picasso

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Agile2015

Little book
of



Sketchnotes



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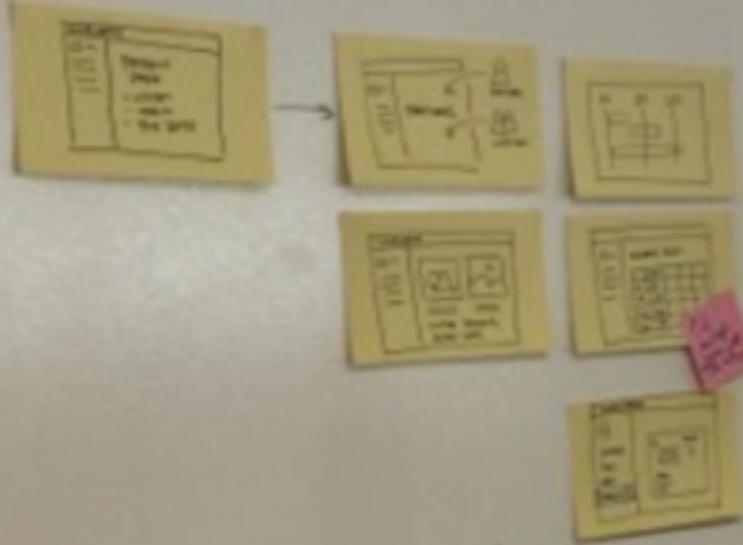
at Atlassian



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at Atlassian

PRE - PLANNING



Project

Sprint

task

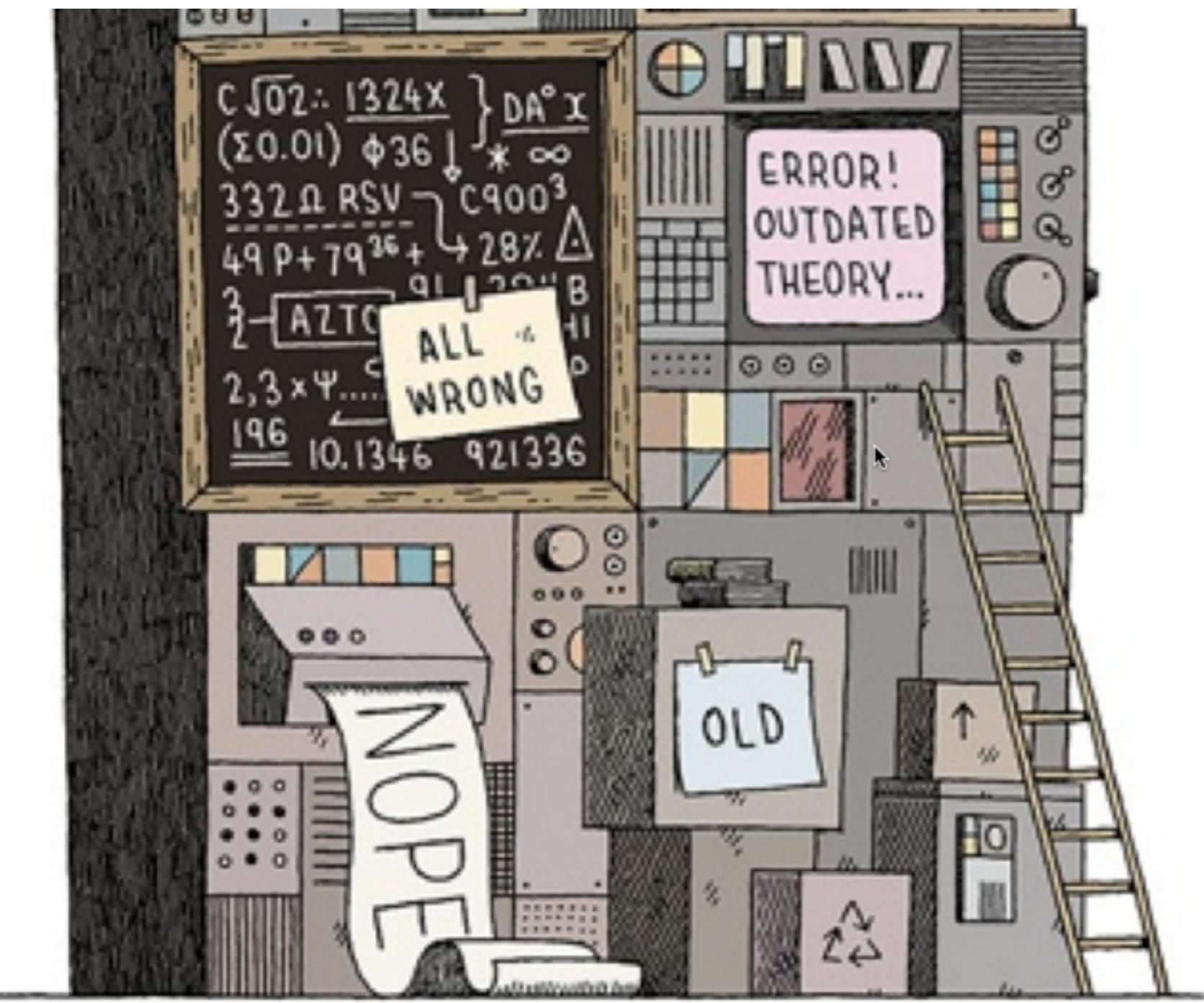


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“The winner is the best idea, not the best artist”

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**something
about...**

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Lean Software Development

■ Just-in-Time Flow

- Deliver feature sets – rapidly – in small increments
- Delay decisions to the Last Responsible Moment
- Pay down technical debt, including regression deficit

■ Stop-the-Line Quality

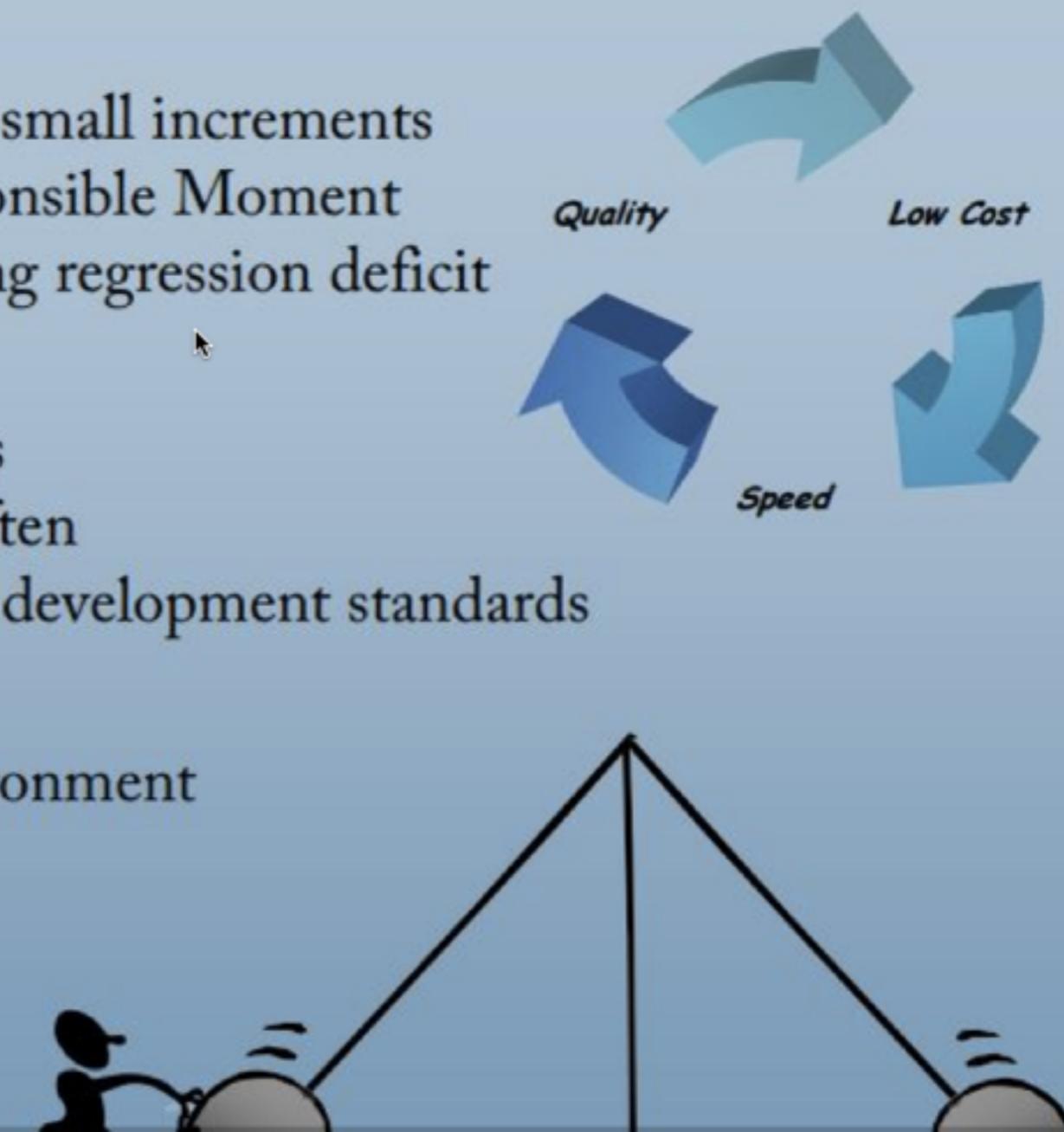
- Mistake-proof with test harnesses
- Synchronize early, synchronize often
- Establish architectural vision and development standards

■ Respect for People

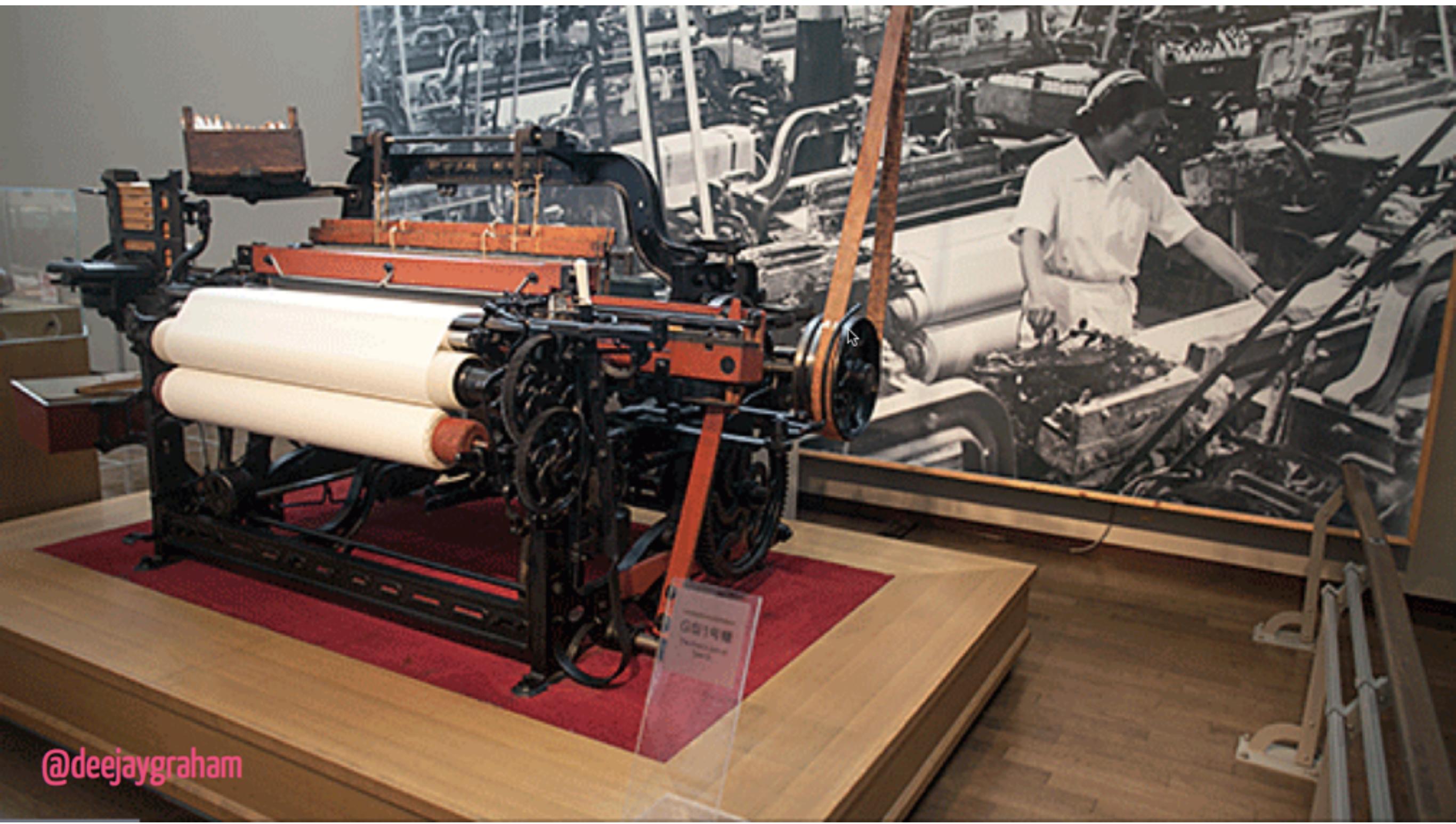
- Create a self-directing work environment
- Engage everyone on the team
- Provide leadership

■ Global Optimization

- Focus on the Whole Product



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A New Hope

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"IGNORE THIS BOOK AT YOUR OWN PERIL." —SETH GODIN

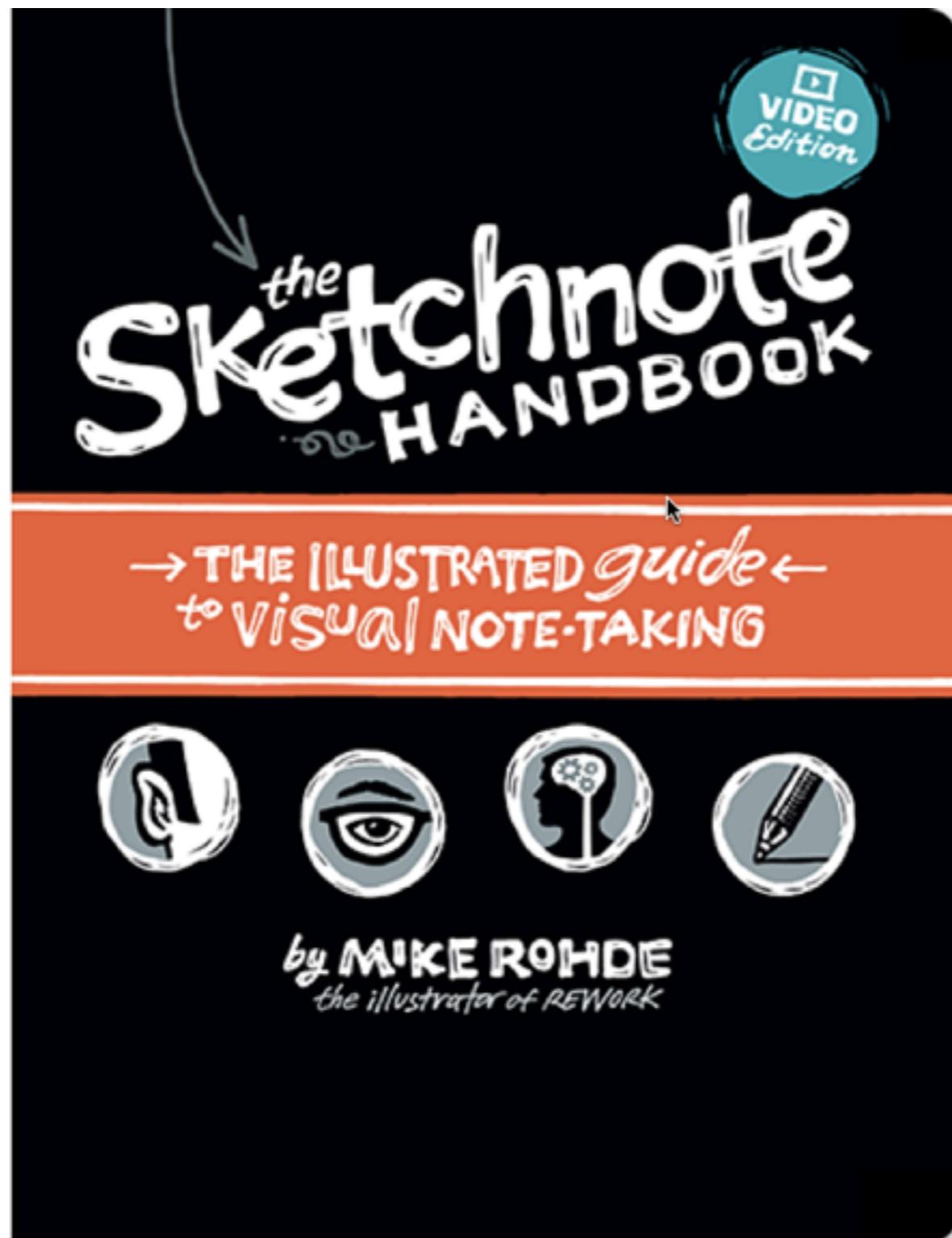
REWORK

NEW YORK TIMES BESTSELLER



JASON FRIED & DAVID HEINEMEIER HANSSON
FOUNDERS OF 37SIGNALS

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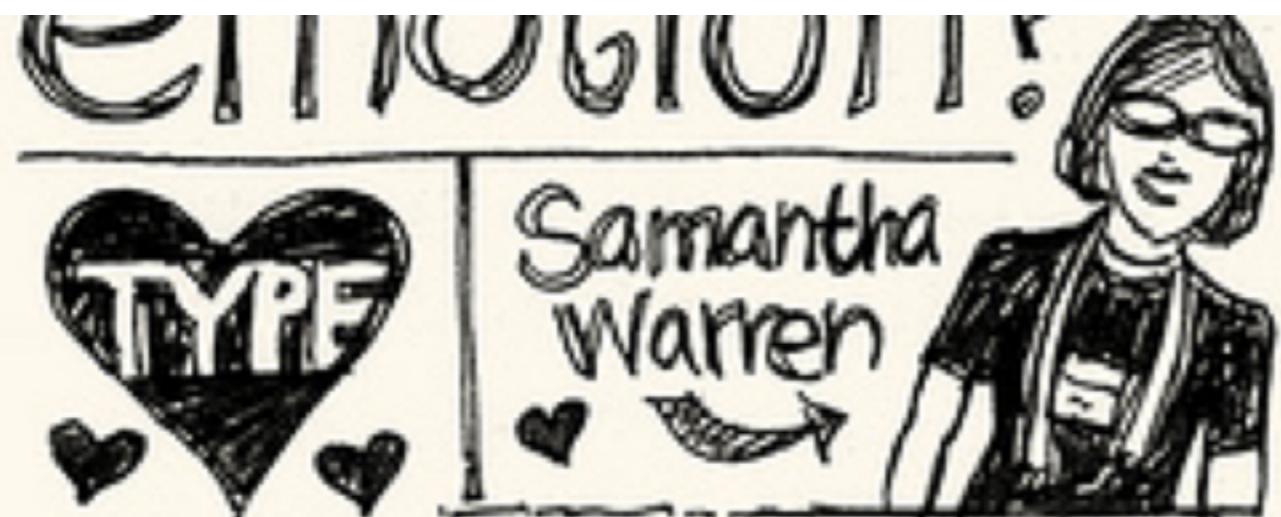
“...rich visual notes created from a mix of handwriting, drawings, hand-drawn typography, shapes and visual elements like arrows, boxes and lines.”

Mike Rohde, The Sketchnote Handbook

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Examples

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Tasteful Type, NOT
MySpace

THE LEAGUE OF MOVABLE
TYPE!!!

SOURCE
OPEN

Typekit / Cufón / SIFR
@deejaygraham
ASCENT / POINT STACKING

GREAT web design

Design for Content!

MATTHEW
Smith

KNOW THE MEDIUM

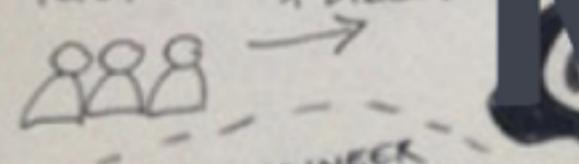


PATTERNTAP.COM
SAMPLES OF USER INTERFACE PATTERNS

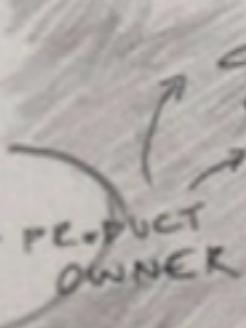
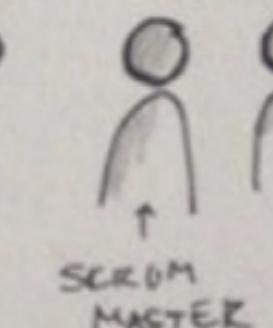
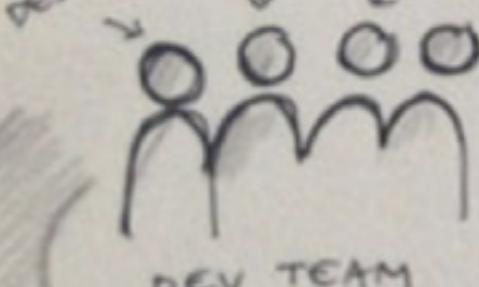
VISUAL FACILITATION meets SCRUM

NO POWER POINT

SCRUM =
TEAM MOVES INTO
A DIRECTION



DESIGNER ENGINEER
TESTER



PRODUCT
BACKLOG

"THE NEW NEW
PRODUCT DEVELOPMENT
GAME"

REQUIREMENTS
DESIGN
IMPLEMENTATION
TESTING

CHANGE
SPRINT

DISCUSSIONS
Sprint Stories

CLIENT
OR
INSIDE
COMPANY

SPRINT PLANNING 1
WHAT?

SPRINT PLANNING 2
HOW?

SPRINT REVIEW

WHAT IS
YOUR
CONNECTION
TO
SCRUM?

NASA
SINCE
1968

SHITTY
PRODUCTS

PETER
38 YEARS
2 KIDS

INTERVIEW

REFLECTION

REFLECTION

REFLECTION

REFLECTION

Nadine Rossa

@deejaygraham



INSPIRE!

... OR HINDER.

DE-FIXATE!
analogies
and re-interpretations



add PROTOTYPES
and BETWEEN-DOMAIN ANALOGIES

Presence of a PHYSICAL OBJECT changes how teams T.H.I.N.K.

MENTAL SIMULATIONS stop too.

WE did a



STUDY



We FOUND:

LOW-SUCCESS TEAMS
used more
personal notes +
activities.

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HIGH-SUCCESS TEAMS
used more
whiteboarding
and PROTOTYPING.

Rachel Smith

TAKE HOME:

1. DESIGNERS fixate on EXAMPLES.
EVEN BAD ONES.

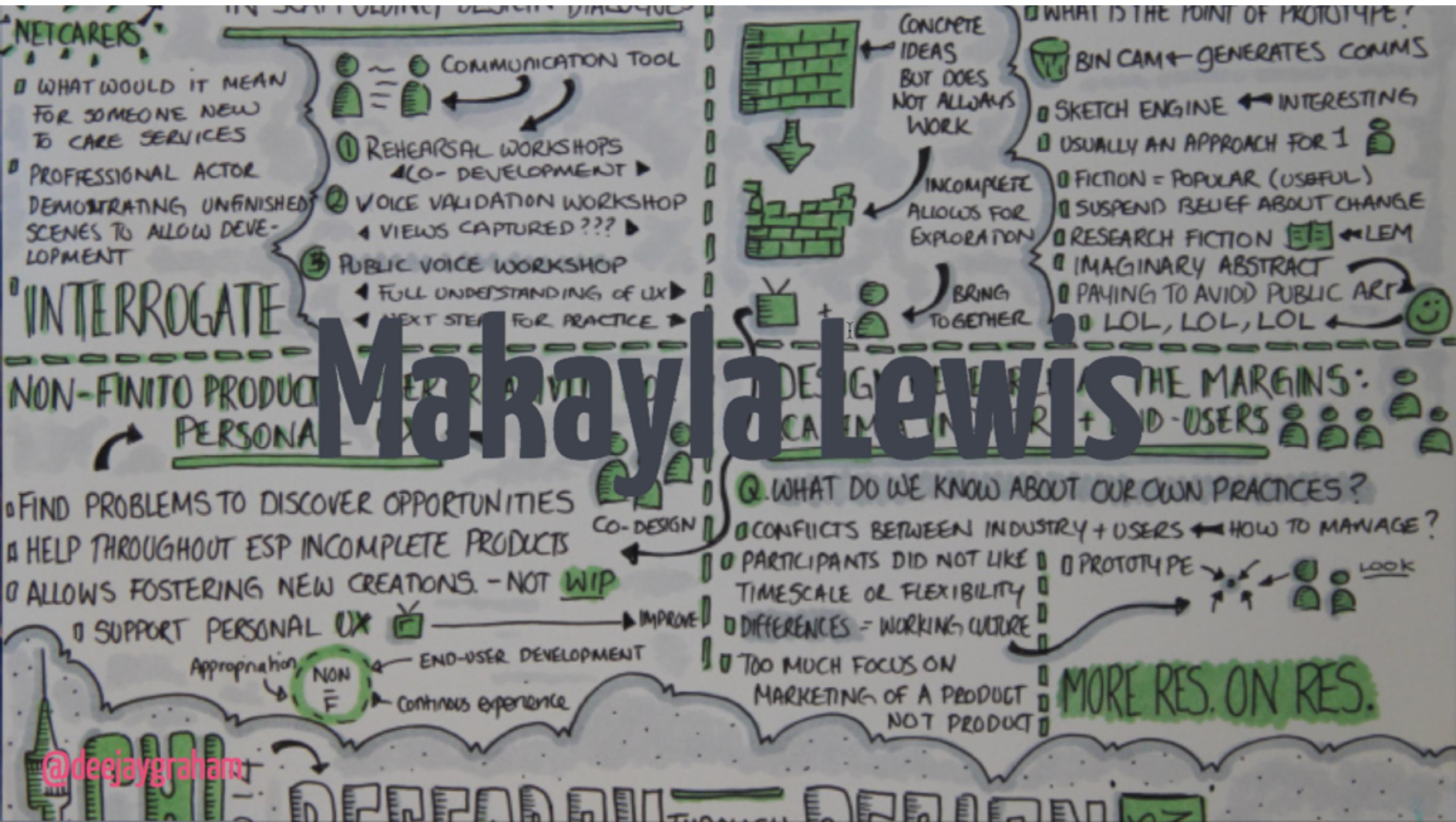
2. ANALOGIES can DE-fixate and inspire

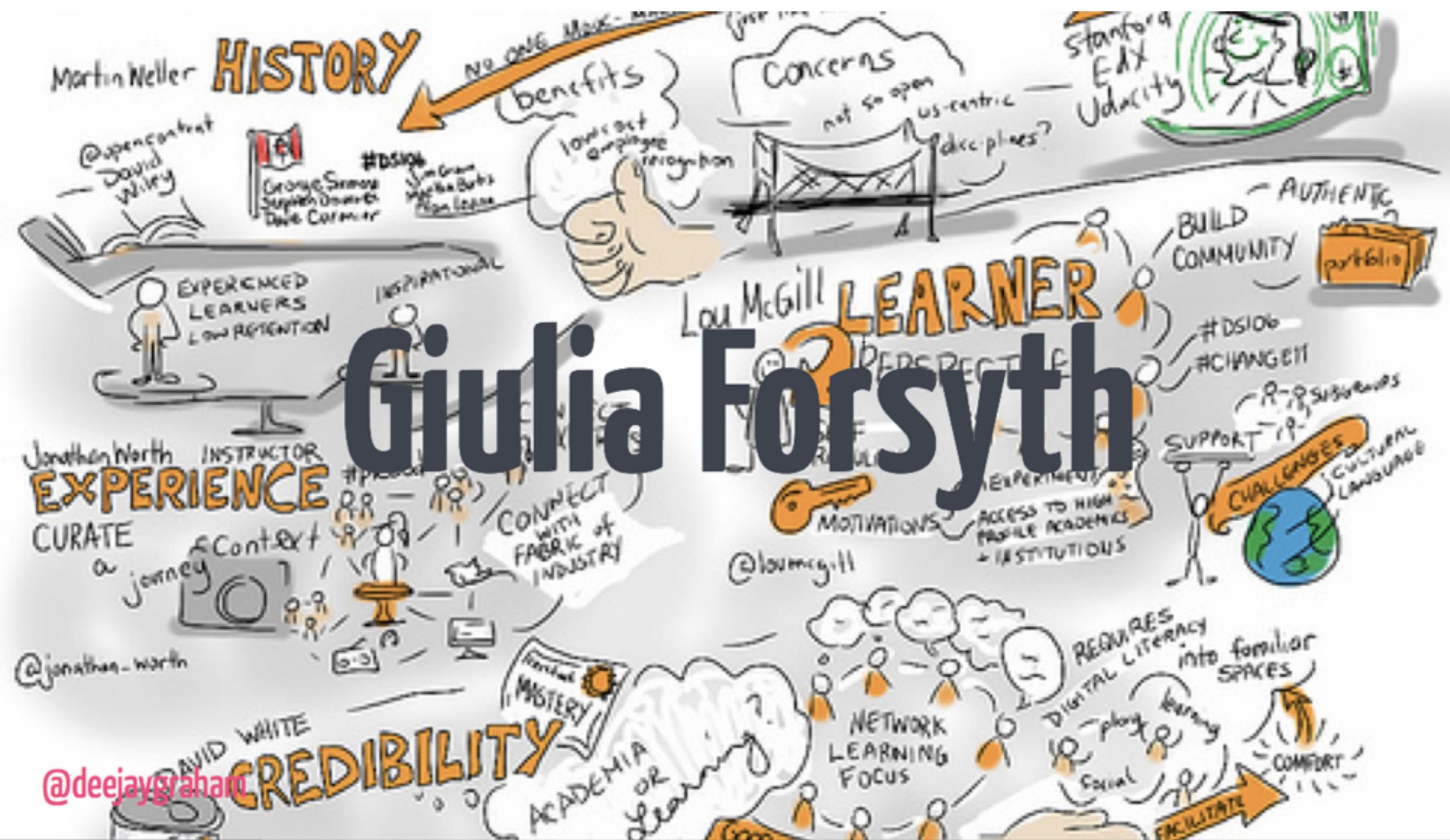
3. A BALANCE of SKETCHES and PROTOTYPES helps.

4. Elaboration + Quantity matter TOGETHER.

SHARABLE

Makayla Lewis



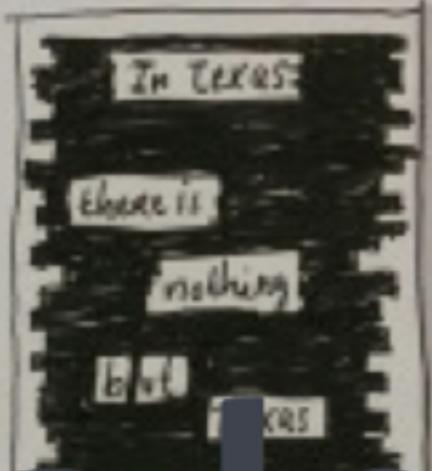


Eva-Lotta Lamm

@deejaygraham



Austin
Kleon
SHOW YOUR
WORK



It's as if
the CIA
did a haiku

CUT THOSE
OUT OF YOUR
LIFE!

VAMPIRES



PEOPLE WHO
DRAIN YOUR ENERGY

HUMAN
SPAM



bleble
bleble
...

PEOPLE WHO
ALWAYS TAKE, BUT
RARELY GIVE.
WHO SPEAK, BUT
DON'T LISTEN.

GENIUS

Share
WHAT YOU LOVE
AND BE
respectful

AND CREDIT &
GIVE CONTEXT



Teach
WHAT YOU
know

SHARE YOUR

Play THE long
Game

... DO
GREAT WORK ... NURTURE
RELATIONSHIPS + SHARE
...

INVEST YOURSELF IN SOMETHING

learning

- A wider range of tools means more options = you might build better products

- Drive - Aut. house / Males / Purchasing

... Rachel cont.)

- Weekly swap with other similar orgs
- talk about what they learned

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- Tech academy

Emily Webber

WHAT'S STOPPING US?



Time
(what am I paid for?)

MAKING IT STICK

Emily Webber
@ewebber

• GONE (means they don't do it at home / more sustainable)

• HAD (hard to keep going)

PAIRING

+
MOB PROGRAMMING

↳ 10 mins driving

Coding Dojos

Books!
(club, library)

EVERYONE
UNDERSTANDS
THAT BIT OF CODE

VCAP recap



Daniel Kirsch

map reduce



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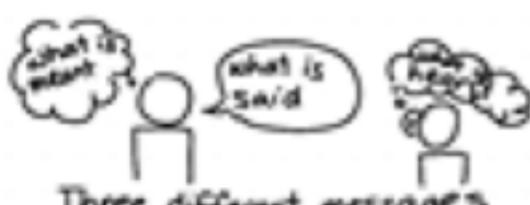




REWORK

Meetings are toxic

and they reproduce!

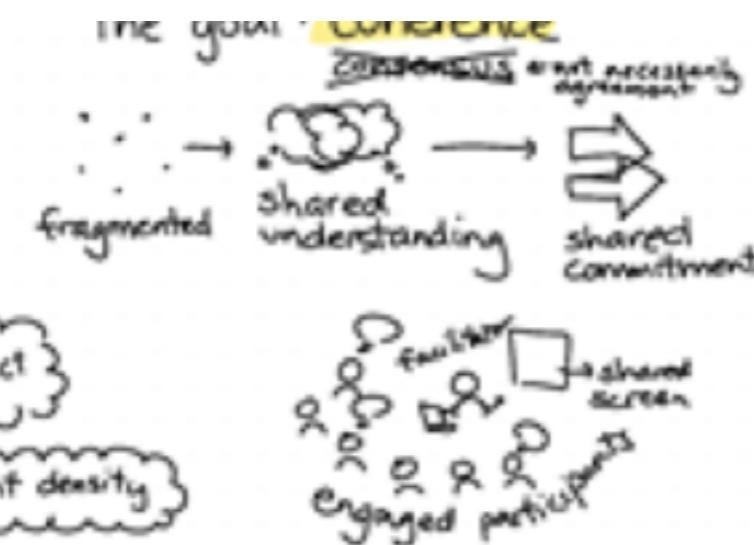


Three different messages



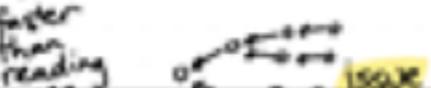
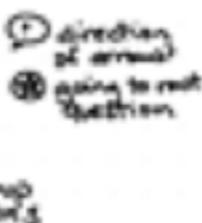
WICKED PROBLEMS

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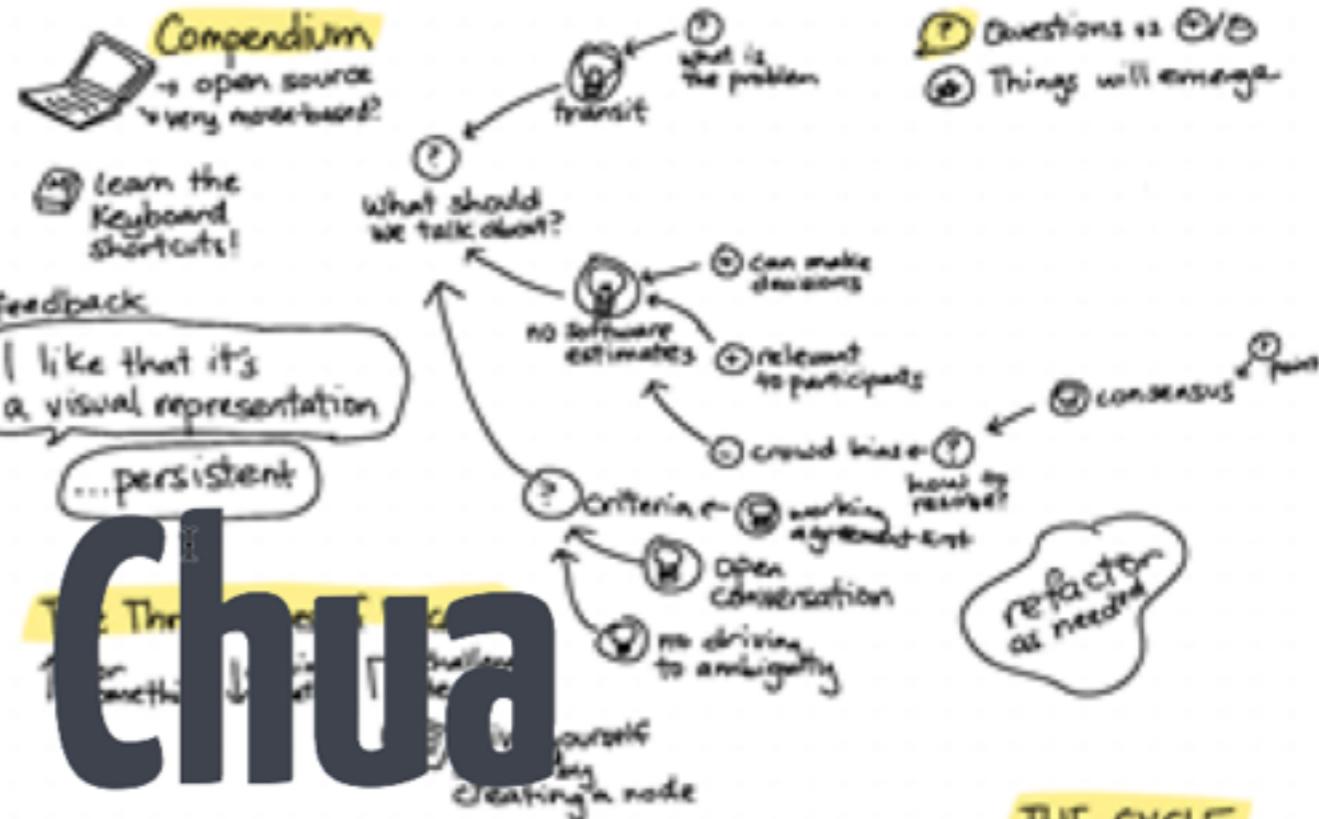
DILOGUE MAPPING

Sasha Chua



this is normal better

SAMPLE DIALOGUE MAPPING SESSION



THE CYCLE



How do you actually use this for decisions?

Decision criteria. You don't have to meet all the criteria, but it should be captured.

Dropped ideas? Notation?

No, but I transclude them/add a note.

Asking Good Questions

Descriptive: what to do
Instrumental: how
Criteria
Conceptual/meeting w/ info
Practical: how do we know
Background: Context
Background: who?

Tip: Capture stray comments & refractory. It's okay to let go & let things hang.

Have participants validate the

Tip: Don't track who said what.

Mappers are not always right

ELIZABETH ANN MACGREGOR OBE

How do we make
ART RELEVANT
in today's environment?

What makes the
PULL of the REAL
so POWERFUL?

MUSEUMS
are a PLACE
for the REAL

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ART is : Be sed

use DIGITAL to
harness
public
engagement
BUT it's
TILL ART

SPACE to
contemplate
the REAL

WHY
ART
matters

DESIRE
FOR REAL

PROCESS
BASED
WORK

Lynne Cazaly

TECHNOLOGY
alone can't
sustain
audiences

Hand crafted
activities
are drawing
great interest

EMBRACE
DIGITAL
and where it
sits in SERVICE
of ART
...

Where ART and
People
come together

why?

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- Memorable
- Big Picture
- Conceptual Ideas
- Integration
- Recall

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science

- handwriting > keyboard
- visuals > text
- overall framework & specifics

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*Use of drawing caters to individual learner differences, as
a drawing is shaped by the learners current or emerging
ideas and knowledge.*

Ainsworth et al, 2011

Dual Coding Theory

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P.S.E.¹

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where are hipsters from : -

by Eve Barabas #dddnorth

DDD North 2014



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BEAUTIFUL
RAILS
MAC



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So... you want to be a...

TECH LEAD

Joel Hammond-Turner



A TECH LEAD IS...



A DEVELOPER

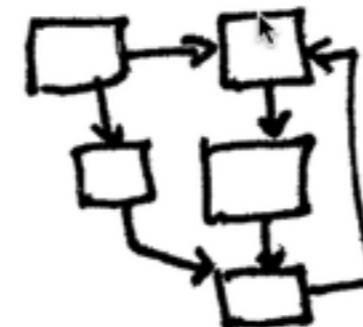
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CODING



ARCHITECT

nugget



@Rammesses

TECHNICAL DEBT

MODS & POCS



\$/EXPERIMENTS

DDN NOK in 2014 @ddnorth

BurnOut is real and
it's coming to get YOU!



@RICHARDADALTON
RICHARD
DALTON

COMPLICATED

NOT AS MUCH FUN TO PROGRAM?

EXHAUSTION

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EASY

EXHAUSTION

@deejaygraham

Symptoms

IRRITABILITY

SELF -
CRITICISM

CYNICISM

FATIGUE

NEGATIVITY

DO I HAVE
Burn Out?

?

↗

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why not?

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tools

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iPad?

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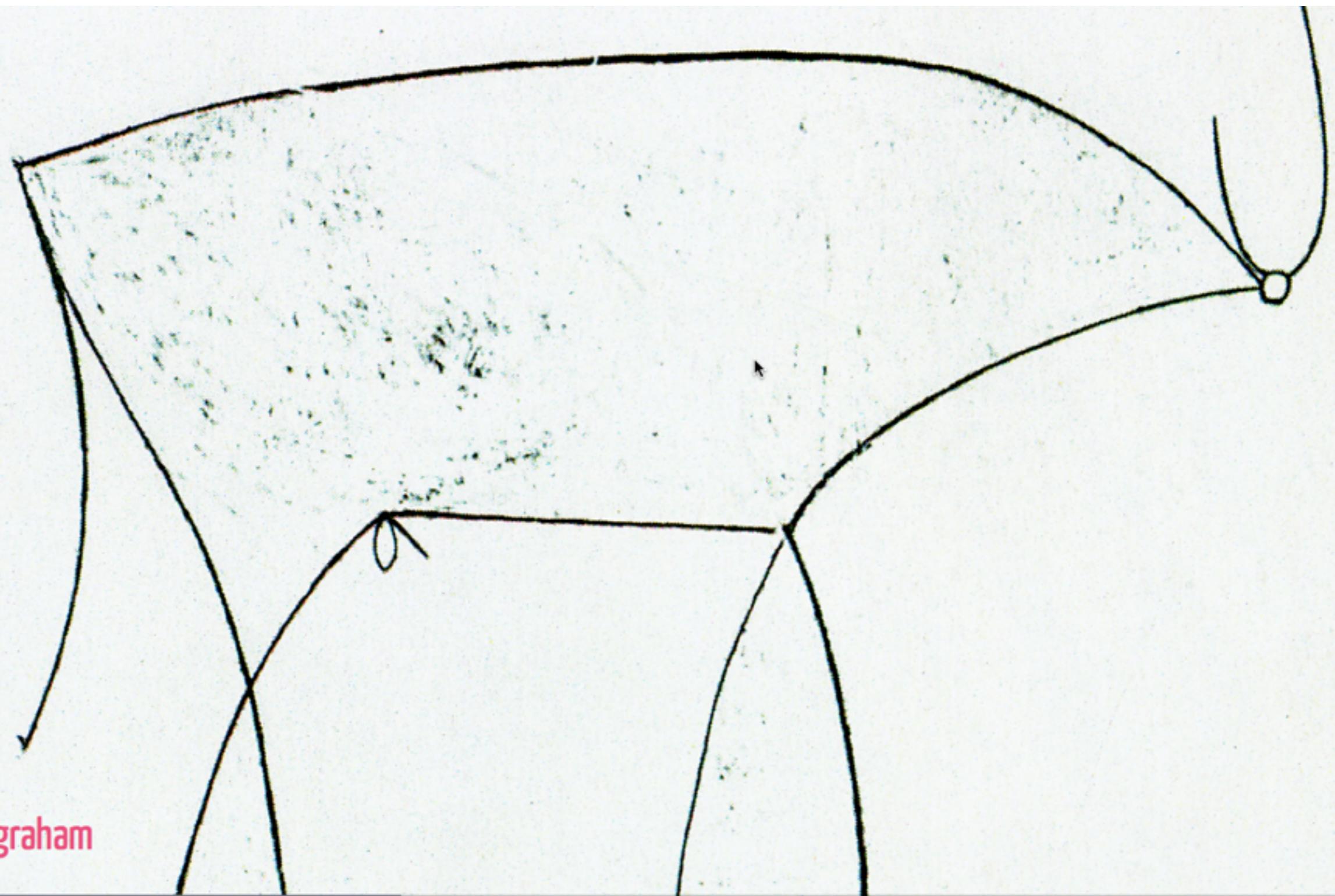


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Value, you
in a delicious crescent roll
Made of love,
Truth & Fit
Glamour
There's room in
most activities) some people
for people that
shouldn't be
given that
much

@deejaygraham

I'm an asshole to
all I want is to work on stop
things I like and make
money!
Down to our
passive aggressive
tweets
listen to your
materials
change your idea
of what "finished"
means



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DON'T CRUSH
THE BUNNY

WHEN I SEE
"NEXT PAGE" I
THINK "STOP
READING AND
CLOSE THIS SITE."

@deejaygraham

YEAH. WHEN CPM
BECAME MORE

WHO'S IN CHARGE OF THE SHOWBIZ AWARDS?



THE ACADEMY:

DIVERSITY?
WE DID
THAT
LAST
YEAR.

AVERAGE AGE 62/63!

I GOT YOUR BEST
PICTURE RIGHT HERE...

I LOVE
KILLING!
EVERYTHING
IS PEACE
OK
WHY
REPUBLICANS
SHOULDN'T
MAKE ART?"

SO. MY FIRST ACTION:

AVA
DUVERNAY,
DIRECTOR.
(THE 5TH WOMAN EVER.
EVER. IN 87 YEARS.
ONLY ONE HAS WON. WTF)

HMM...
(IN 2012)

OF WHOM:
6% ARE
NOT WHITE
PEOPLE

23%
WOMEN

77%
MEN

STAFF
ACADEMY

OH WAIT!
CAROL REED
WON BEST
DIRECTOR IN
1968, FOR
OLIVER!



MY MISTAKE
CAROL REED
WAS A WHITE
MAN.

MEANWHILE, AT THE BRITS:



DESPITE NOT:

- A.** BEING BRITISH
- B.** HAVING RELEASED
ANYTHING SINCE 2011.

AT THE OSCARS...



THE LA TIMES SAID IN 2013:
THE ACADEMY WANTED TO "BRING
MORE WOMEN AND MINORITIES" IN.
THIS CHANGE AMOUNTED TO <1%!

CHANGE THINGS
MORE PLEASE

Josie Long

souri

would they recognise themselves?

she believes.

OUR TOWN IN LITERATURE: NEW FICTION BY LOCAL AUTHORS



ILLUSTRATION BY TOM GAULD

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Patient Safety in Private Hospitals - The Known and the Unknown Risks can be

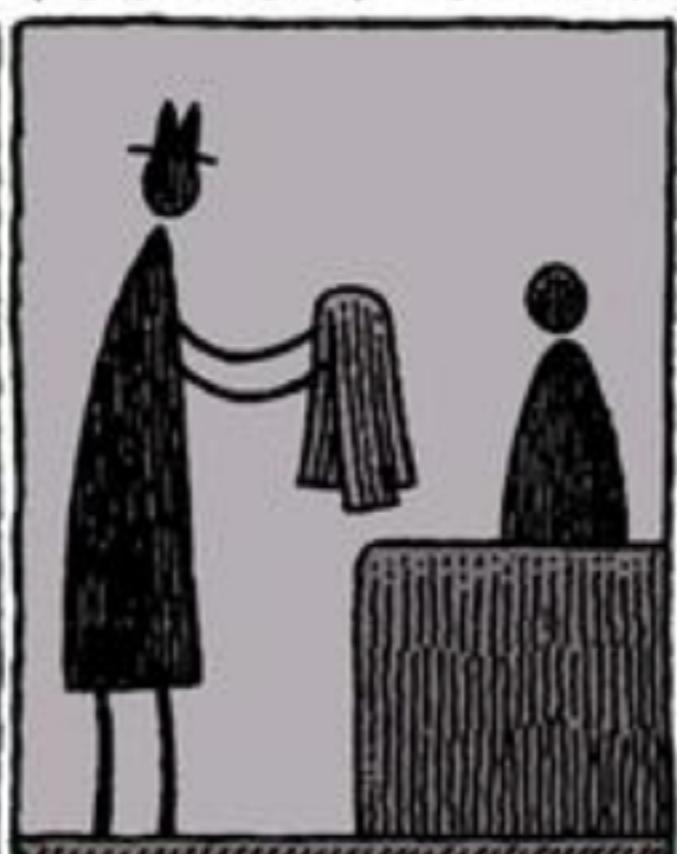
ane individual, and I was impressed he attended as an ordinary patient to support the charity. Relatedly,

the ins and outs of Europe, or the rates, or the Northern Ireland situation - when another Wham! song - 'Wake Me Up Before You Go-Go' - would seep into my head," he wrote, before adding hurriedly, "but these moments were few and far between. John Lloyd, writing in the Financial Times, called the book "a study of detailed depth, and fine and transparent judgment", though he would have liked "a larger consideration of Thatcher's influence". In Sunday Times, Dominic Sandbrook sounded positively misty-eyed: "A model of close research, fluent prose and impeccable judgment. One of the great biographical achievements of our times." In the Times, Matthew Parris was less convinced. "There are people who, under the magnifying glass shrink. This, I fear (and I think he fears) is turning out to be Charles Moore's problem as biographer ... [the book] tends to encumber rather than enlighten, and in doing so diminish. I'm beginning to wonder whether this life is big enough for three volumes."

Jeanette Winterson's *The Gap of Time*, a "retelling" of *The Winter*,



TRANSFER THE
NOVEL TO
MICROFILM AND
DESTROY ALL
OTHER COPIES.
TRAVEL TO
@deejaygraham
VIENNA BY TRAIN.



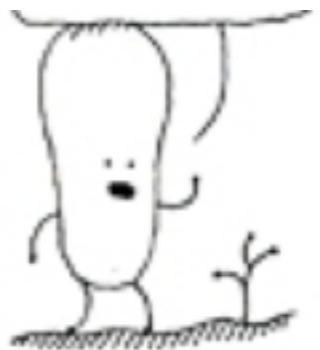
HIDE THE
MICROFILM IN THE
POCKET OF A
RAINCOAT AND
LEAVE IT IN THE
CLOAKROOM OF
THE OPERA HOUSE.



PLACE A MESSAGE
IN THE TIMES
WHICH MENTIONS
DAFFODILS, THEN
RENT A ROOM
UNDER THE NAME
'BROWNING'.



A CLANDESTINE
MEETING WITH
AN EDITOR WILL
BE ARRANGED BY
AN INTERMEDIARY
FROM THE
SWISS EMBASSY.

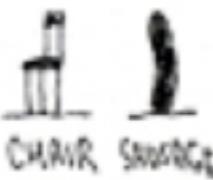


ALL-PURPOSE METAPHOR

[THATCHERISM / 1980s]

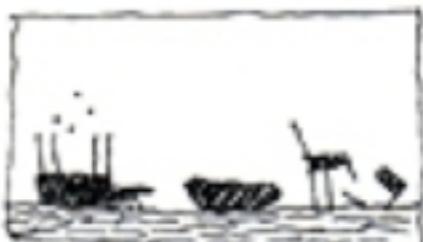


DOG



THE DOG OF
GREED

THE GREEDY
DOG STANDS
ON THE CHAIR
OF PHILISTINISM
TO FEAST ON THE
SAUSAGE OF HUBRIS



THE SAUSAGE
IS COLD, THE CHAIR IS BROKEN



THE END OF THE WORLD



9 AM

MUSTN'T FORGET TO BUY MILK

4 PM

WHO'D HAVE THOUGHT
THE END OF THE
WORLD COULD BE
SO BEAUTIFUL

BEEF

I LOVE
YOU TOO
XP-III!



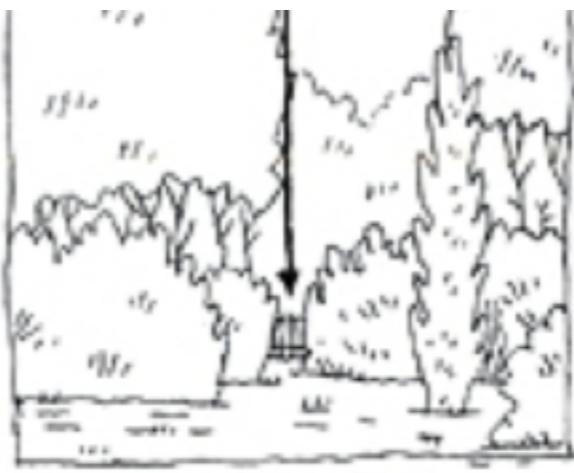
THE CURSE OF
DEREGULATION
FREESES THE COURAGE
FROM THE TERRAIN
OF THE HUNGRY
DOG.

DOG
CHAIR
SAUSAGE

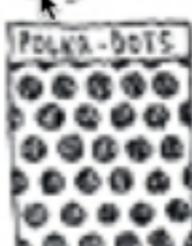


THE DOG IS DEAD
THE SAUSAGE IS COLD

POW



MINI-LAWN FENCING



POLKA-DOTS

HANGING BLISSER

POW



Metaphor



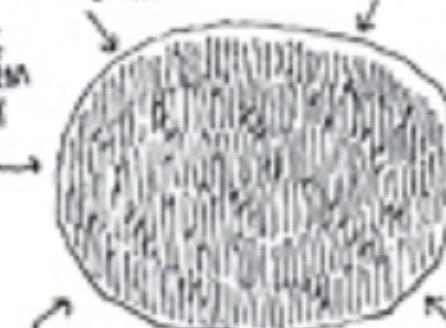
THE ROCK
OF _____
IS ONLY KEPT
FROM CRUSHING THE
PEAR OF _____
BY THE FUNNY
STICK OF _____



THE LOVELY PEBBLE

SITS QUIETLY
IN THE PALM

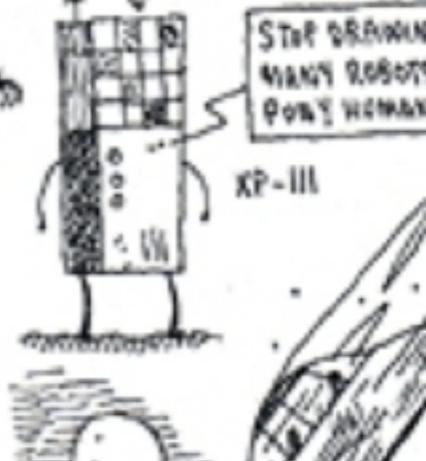
GOOD AND HEAVY



NICE
WARM
GREY

SMOOTH SURFACE FEELS COOL

MULTICOLORED LIGHTS



STOP DRAWING SO
MANY ROBOTS
POV HUMANS!



XP-III

POV

POV

POV

POV

POV

POV

@deejaygraham

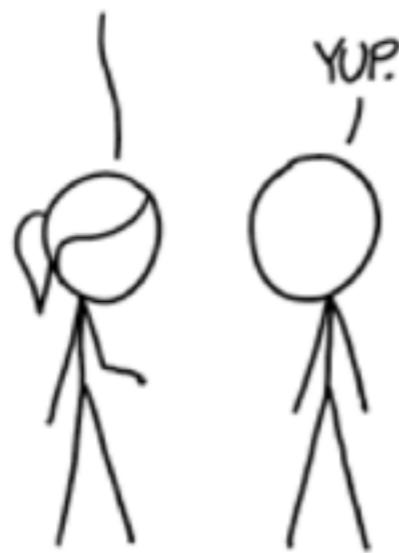


I think I've been hacked by an evil spirit?

@deejaygraham

Ok I'm gonna have to ask you a few security questions.

SO IT'S A WORK OF FICTION
ABOUT A WELL-KNOWN BRAND,
WRITTEN ON THE INTERNET BY
AN ENTHUSIAST, REPUBLISHED
AS A BESTSELLING BOOK, AND
THEN MADE INTO A BIG MOVIE.



YEAH, THE MARTIAN AND
FIFTY SHADES OF GREY ARE
BASICALLY THE SAME BOOK.

"FIFTY SHADES OF RED?"
MAN, TELL ME YOU
WOULDN'T READ THAT.



“Painting is a blind man’s profession. He paints not what he sees, but what he feels, what he tells himself about what he has seen.”

Picasso

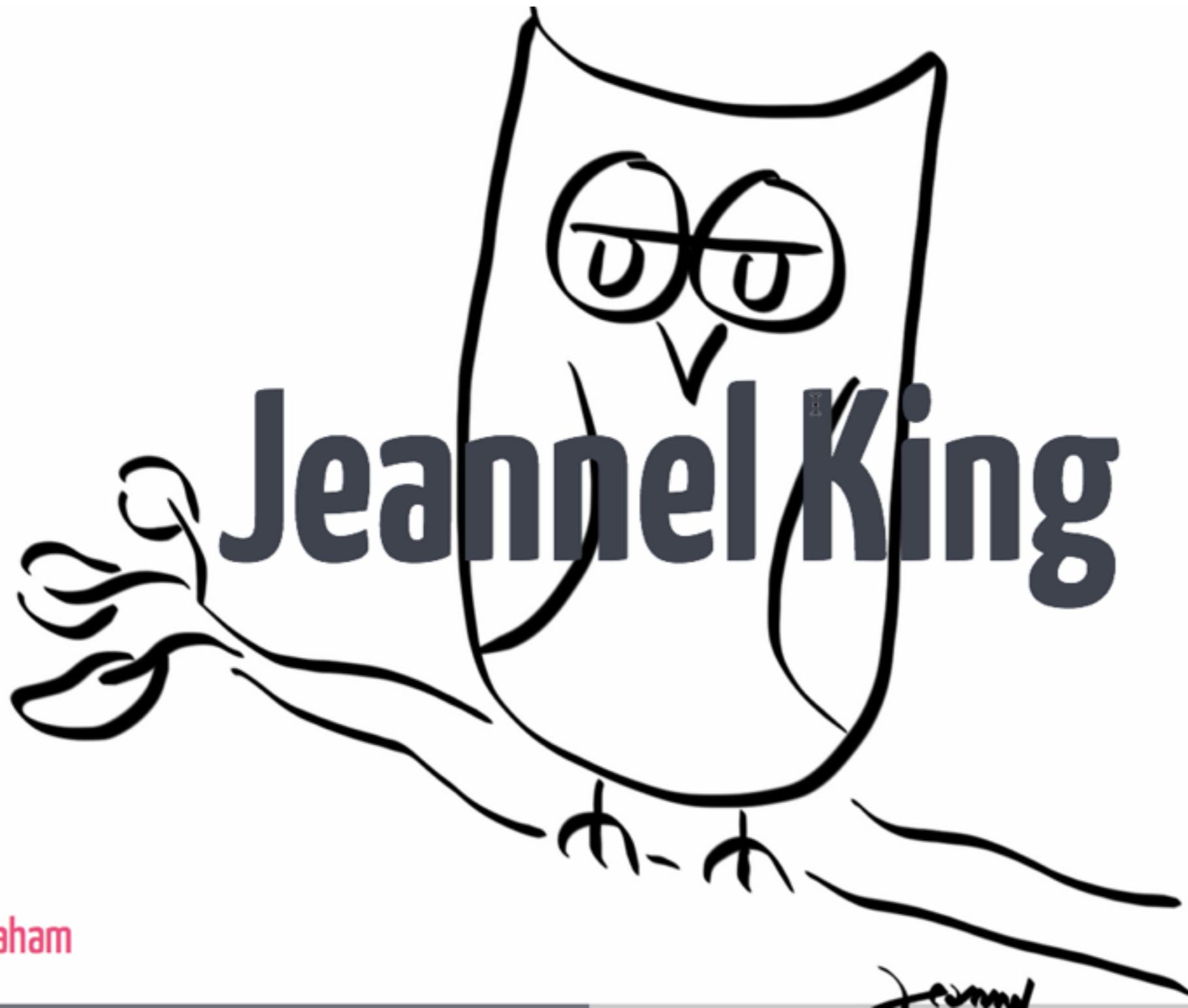
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It's about

ideas

not art

@deejaygraham



@deejaygraham

What You Draw Is Good Enough

A Case for Drawing Imperfectly
at Work and Beyond

Jeannel King



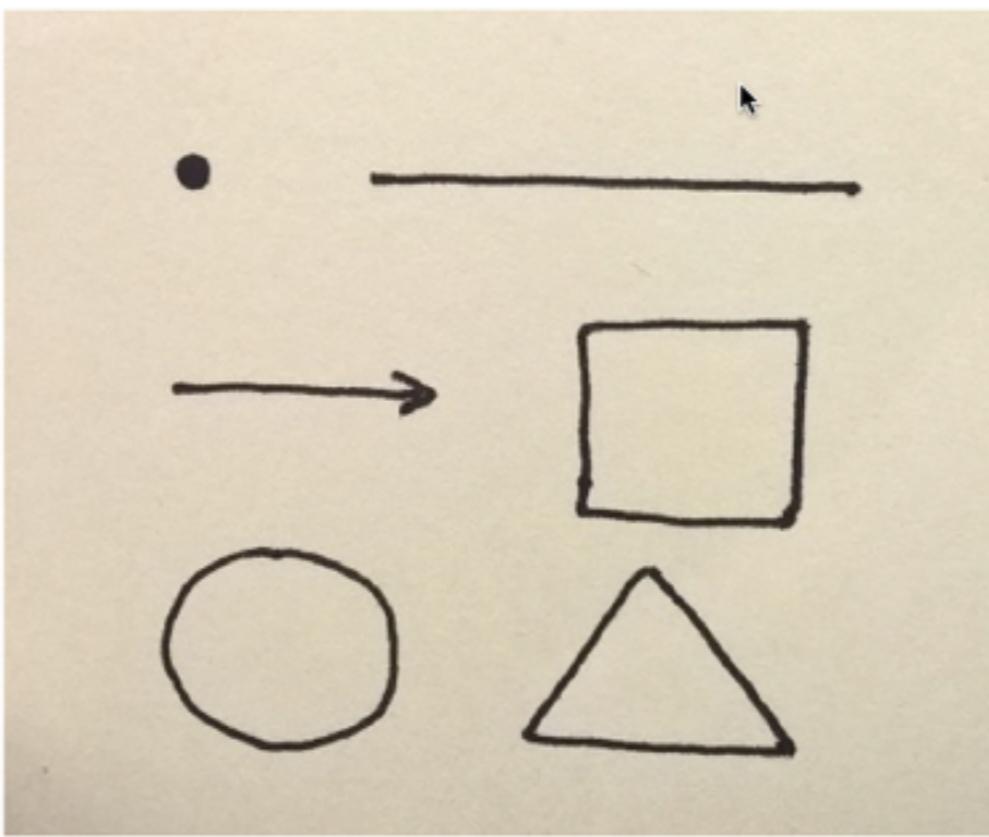
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composition

@deejaygraham

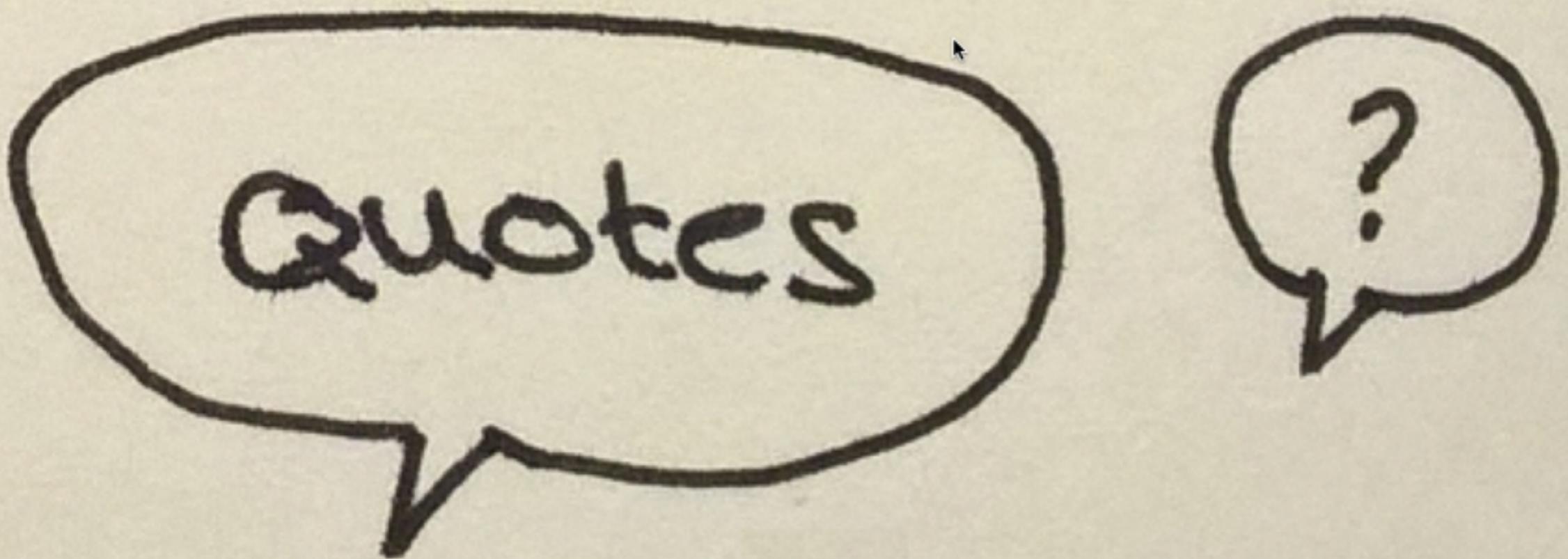


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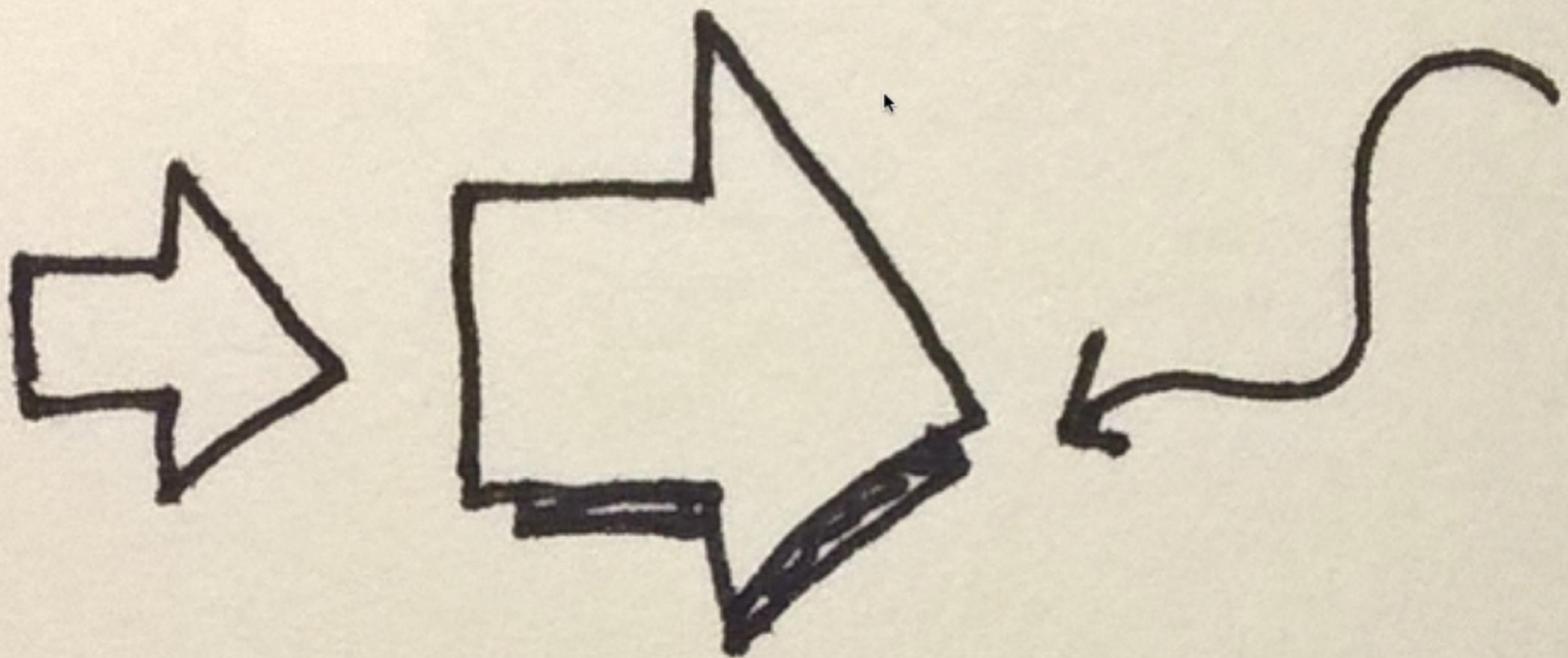
- bullets

- * bullets

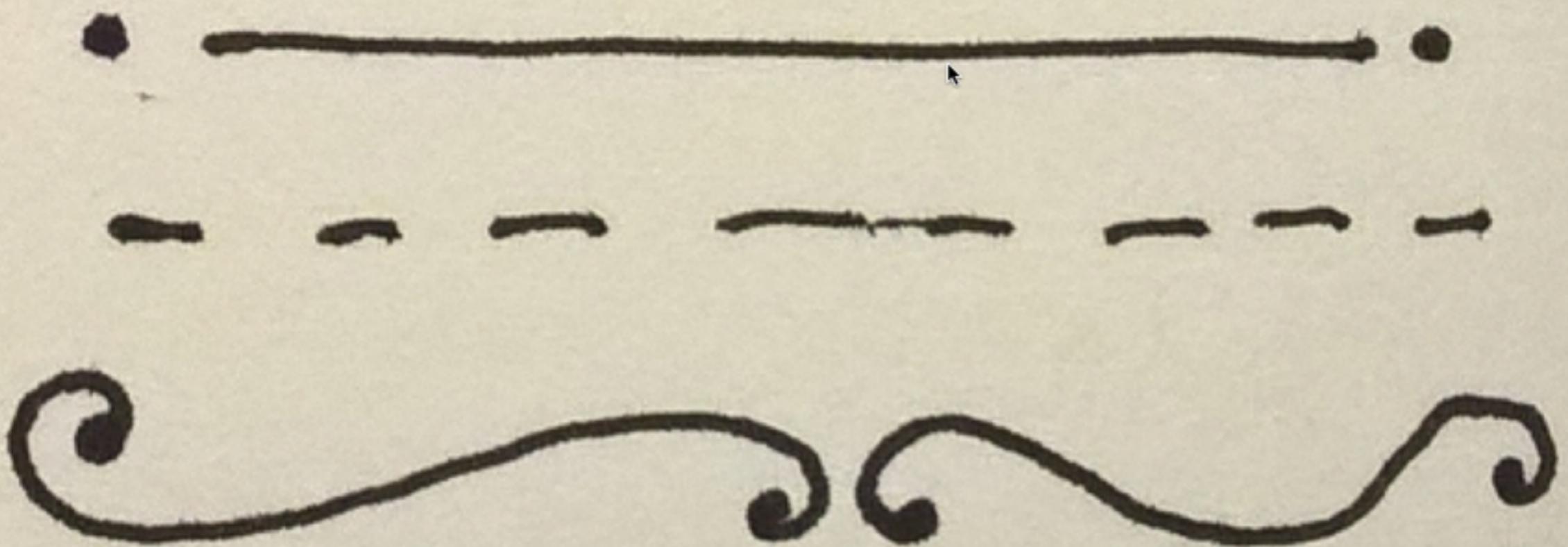
- bullets



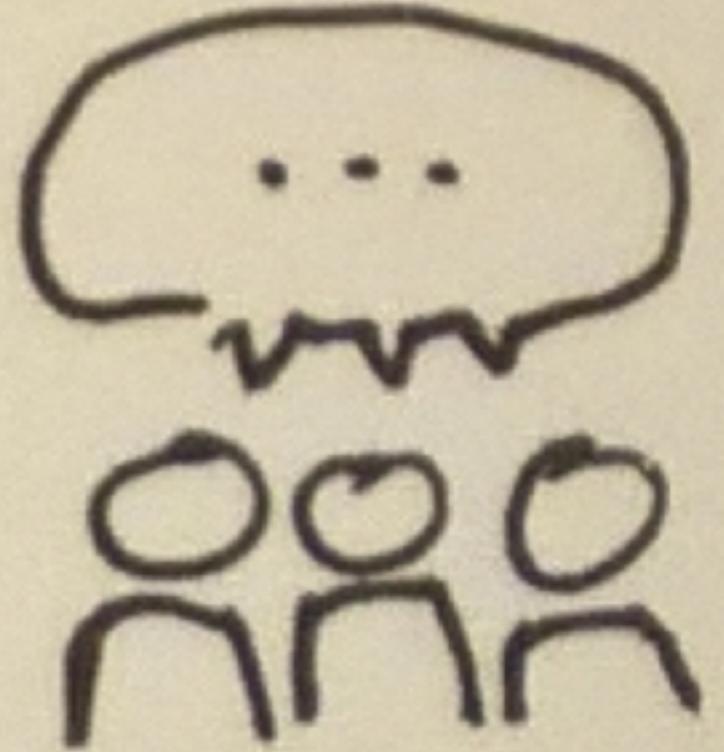
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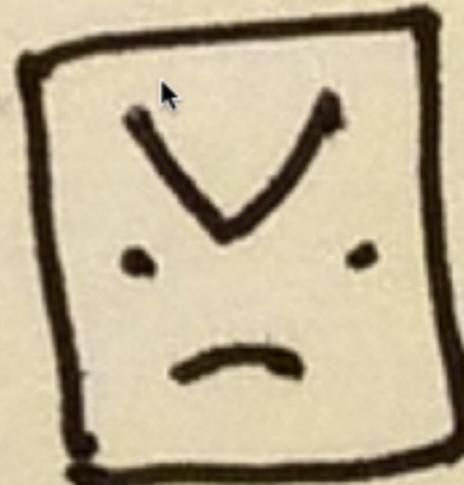
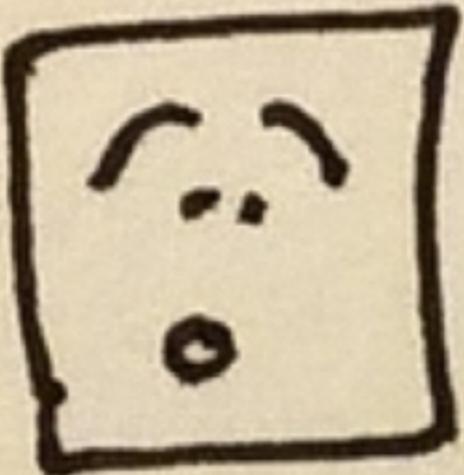
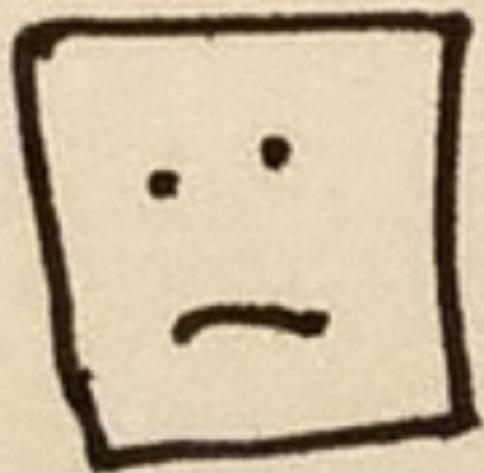
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@deejaygraham



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text and typography

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HONEST SHOP

*The Shop will be honest
about the products,
people and place*

THE PRODUCE WILL ACTUALLY BE

LOCAL & HOMEMADE

*BY PEOPLE LIVING HERE
USING THEIR FINGERS OR THE
FINGERS of FRIENDS.*

- *THE PACKAGING WILL BE RECYCLED OR RECYCLABLE*
- *THERE WILL BE NO AIR MILES,
ROAD MILES OR FAKE SMILES*
- *THE SHOP IS AN ACT OF TRUST & GENEROSITY.*

THINGS INTO THE WORLD.

NOT
Everything
HAS TO BE
Perfect
Sean Wes

I KNOW I'M GOING TO LOSE
TO SHARING SOMETHING AND THEN
JUST SCRAP IT BECAUSE ALL I SEE ARE
THE
IMPERFECTIONS

I KNOW YOU TOO. YOU'RE
A PERFECTIONIST.
YOU OFTEN GO WEEKS
OR MONTHS WITHOUT
SHARING SOMETHING

WE FORGET THAT
PEOPLE CAN STILL ENJOY
THE IMPERFECTIONS.
WE FORGET THAT
THEY'RE NOT LOOKING

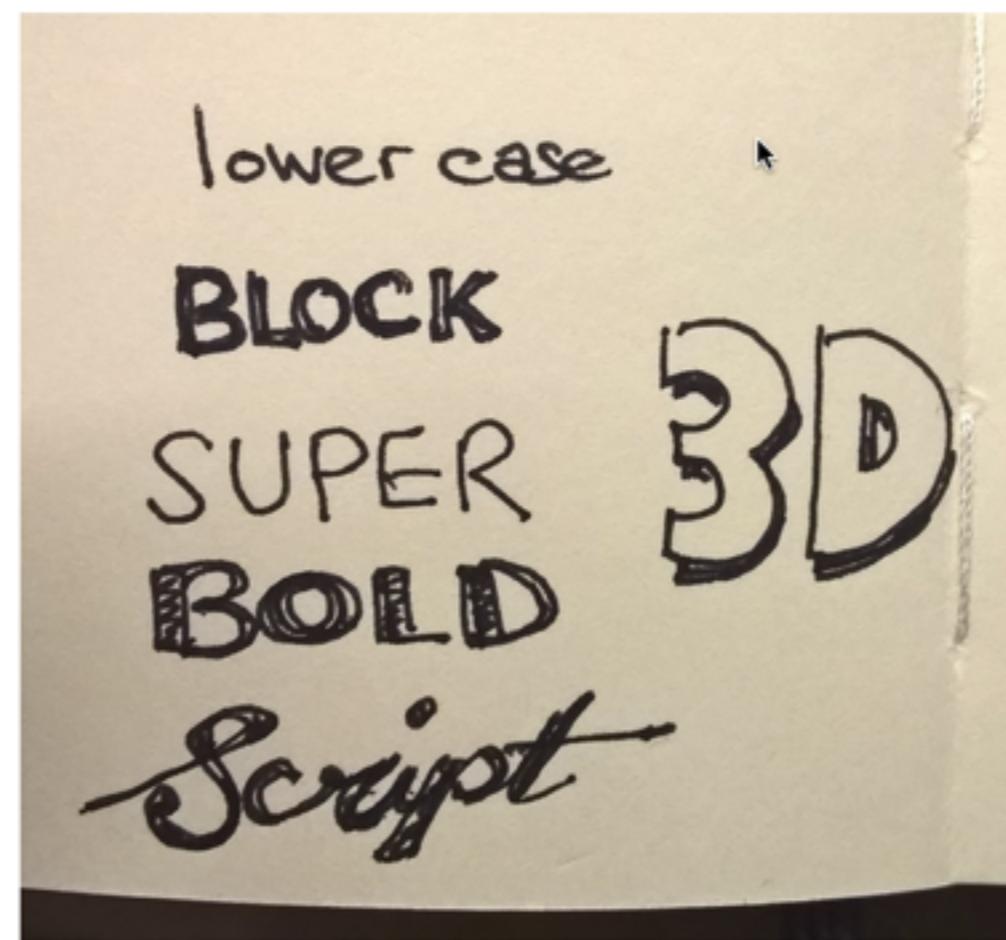
THE WORLD IS A
BETTER PLACE WHEN
WE SHARE MORE OF THE
IMPERFECT WORKS
THAN IT IS WITH THE

@deejaygraham

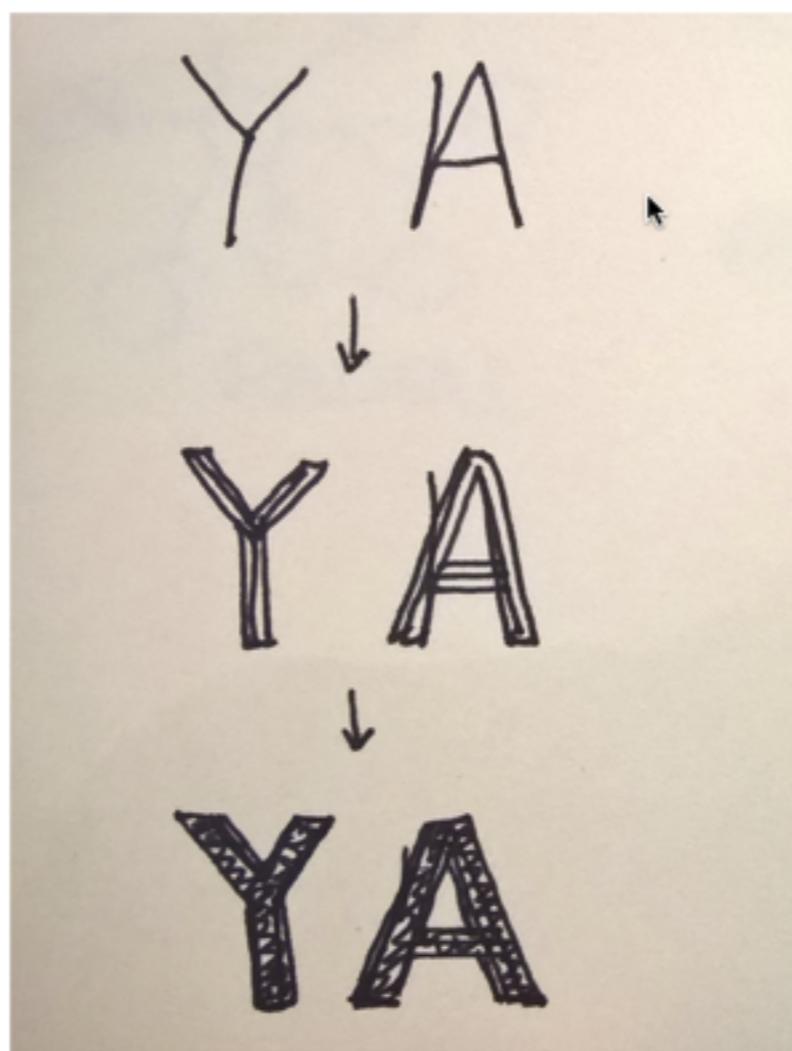




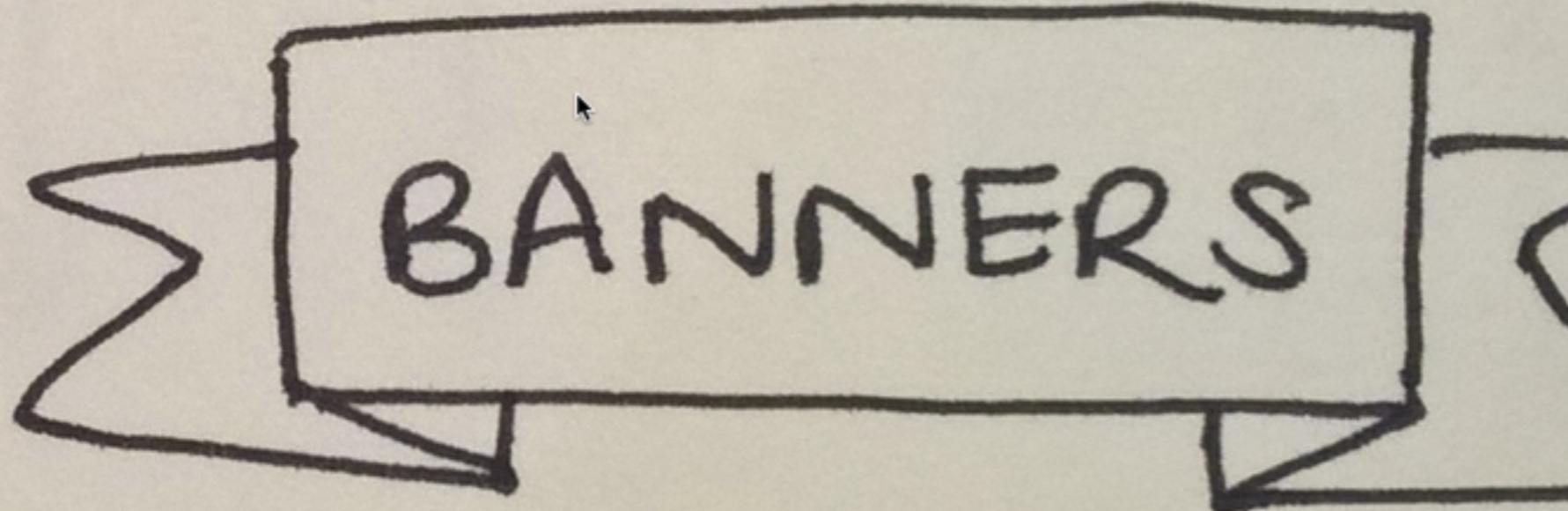
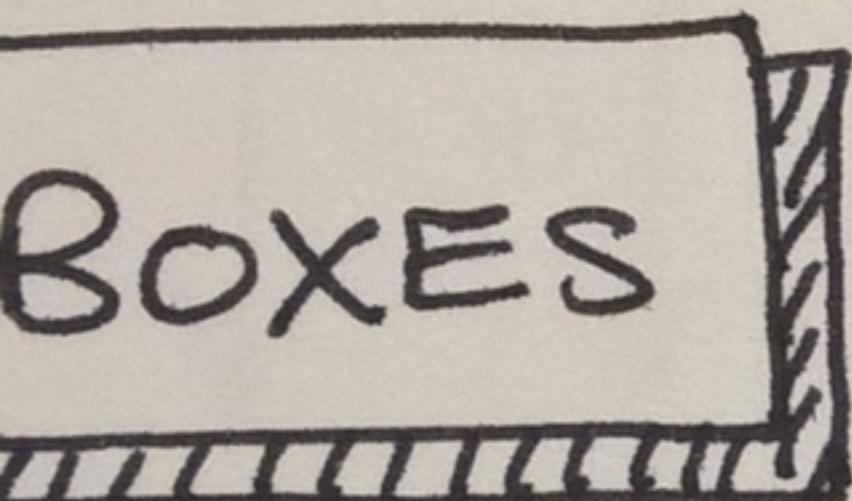
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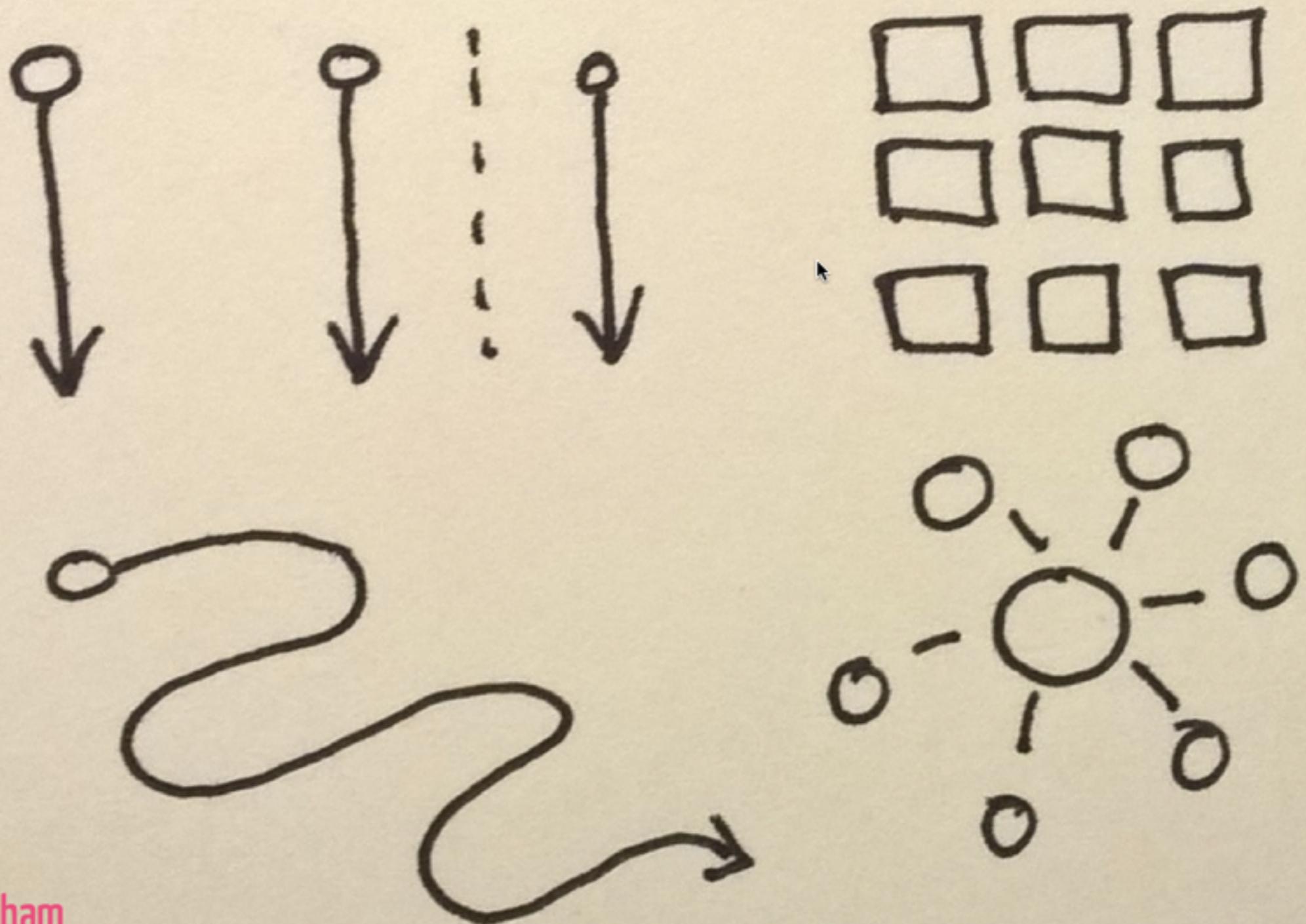
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→
colours

@deejaygraham



secret

@deejaygraham



hello, world

@deejaygraham

First

- title?
- speaker?
- type of talk?
- layout?
- plan

active listening

- follow the speaker
- emotion and drama
- jokes
- quotes
- metaphors and similes

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**whitespace is
good**

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twitter rule

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tech talks

- skip the code
- advice?
- libraries?
- patterns?
- its ok to watch the demo
- research later

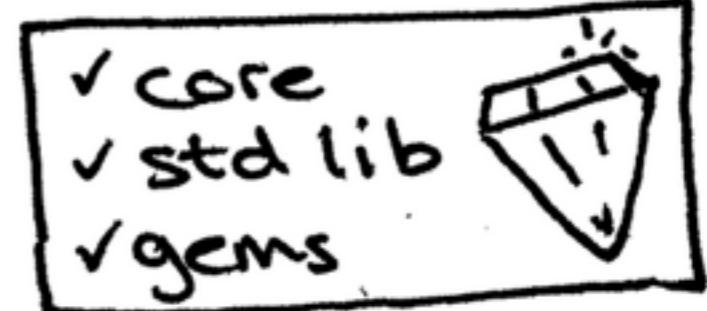
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WE V -----

It's... expressive · beautiful · flexible



- GEMS - MODULES
- CLASSES - NUMBERS
- BOOLS - CONTROL FLOW
- STD LIB - ARRAYS - METHODS - ASSIGNMENT
- OBJECTS - STRINGS
+ CONSTANTS + PROCS ONLY !!!



① ↗ [] $|x| x+1$ ↘ LAMBDAS ARE PLUMBING ↗ ②

REFACTOR
"FIZZ BUZZ"

USING ONLY PROCS AND CONSTANTS

NUMBERS

$\rightarrow p \{ \rightarrow x \{ x \cdot 3 \}$

$\rightarrow p \{ \rightarrow x \{ p[x] \cdot 3 \}$

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PROBLEMS

$(1..100).map do |n|$

$if (n \% 15).zero?$

'FizzBuzz'

$elsif (n \% 3).zero?$

PREDICATES

$-n \in \{ \rightarrow x \{ \text{FALSE} \} \}$
 $\text{TRUE} ??$

MODULO

FIRST.. INCR ADD
DECR SUB.

Last

- user your cache
- quiet time
- remember learning style
- decoration last

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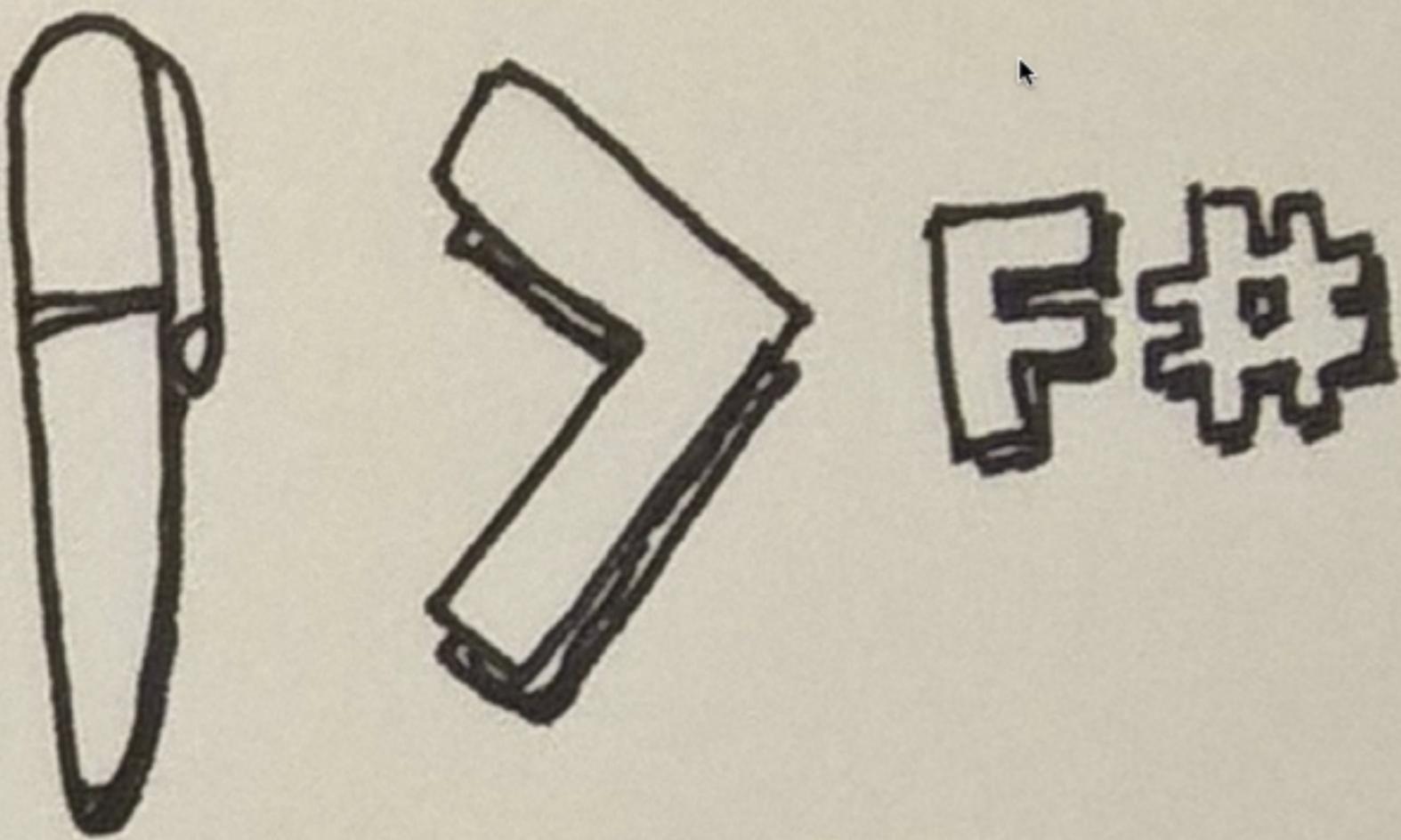


dsl

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works on
my
machine

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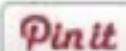


inspiration

@deejaygraham

[Blog](#)[Archives](#)[Resources](#)[About Sketchnotes](#)[Sketchnote submission](#)[Website](#)

Experiment: the Sketchnote Workshop in Paper



Friday, October 23, 2015 at 7:00AM

I'm an avid Paper app user [↗](#) and loved their sharing platform (once called Mix) [↗](#) since the beginning.

With the release of the version 3.0 of the app Fiftythree added a bunch of new and great features, of which, the ability to add text to the drawings was the one that gave me the idea to reinterpret the use of the platform.

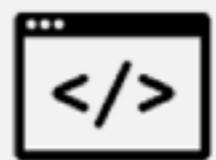
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Sketchnotes
finding and
sketchnotes

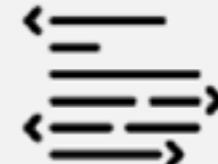
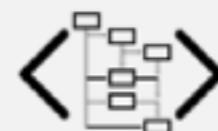
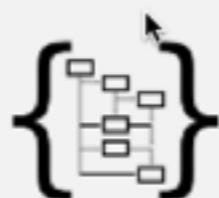
Please read
and Condition

Never

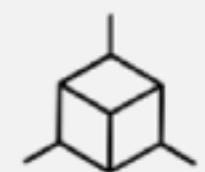
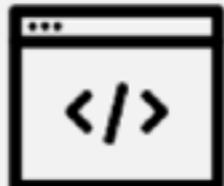




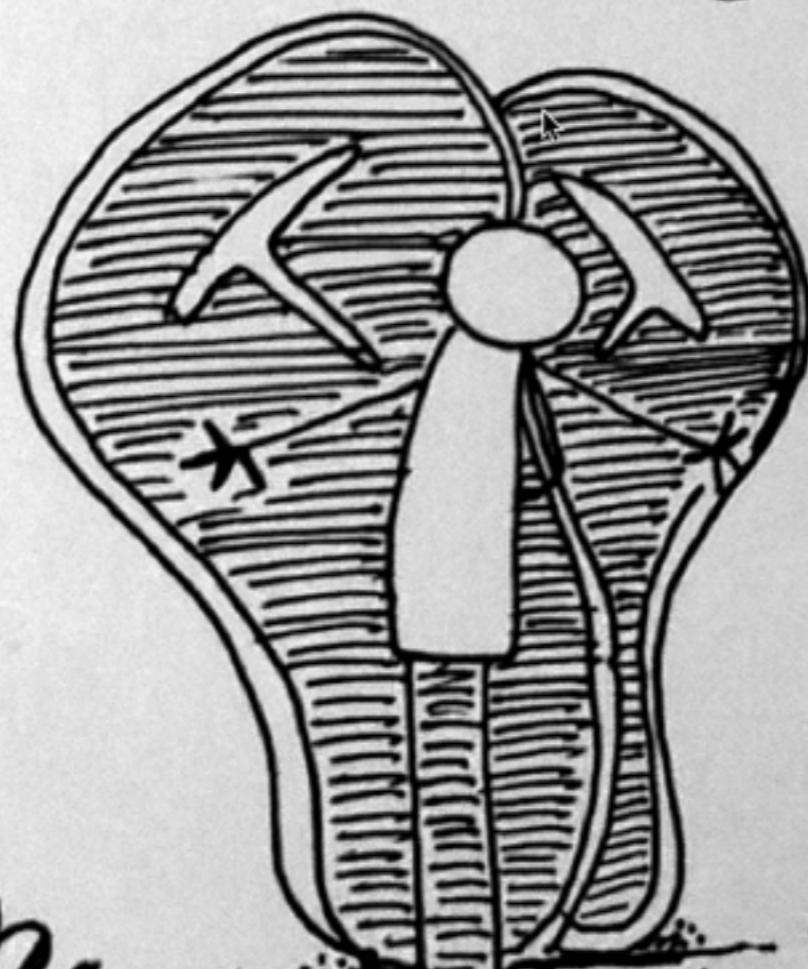
</>



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Embrace



my steaks



review

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- hierarchy?
- flow?
- connections?
- quotes?
- colour



unit tests

@deejaygraham



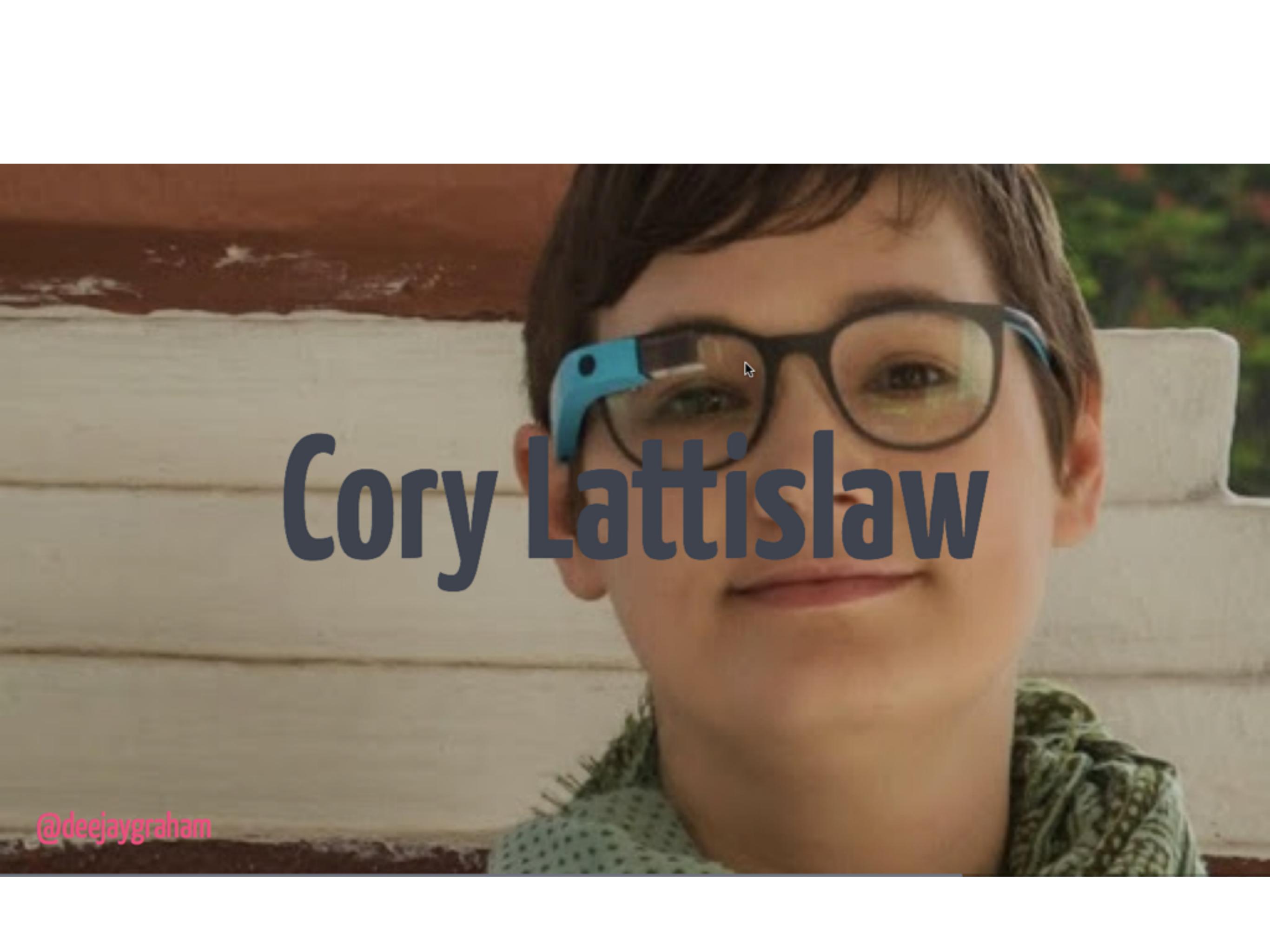
refactoring

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checking in

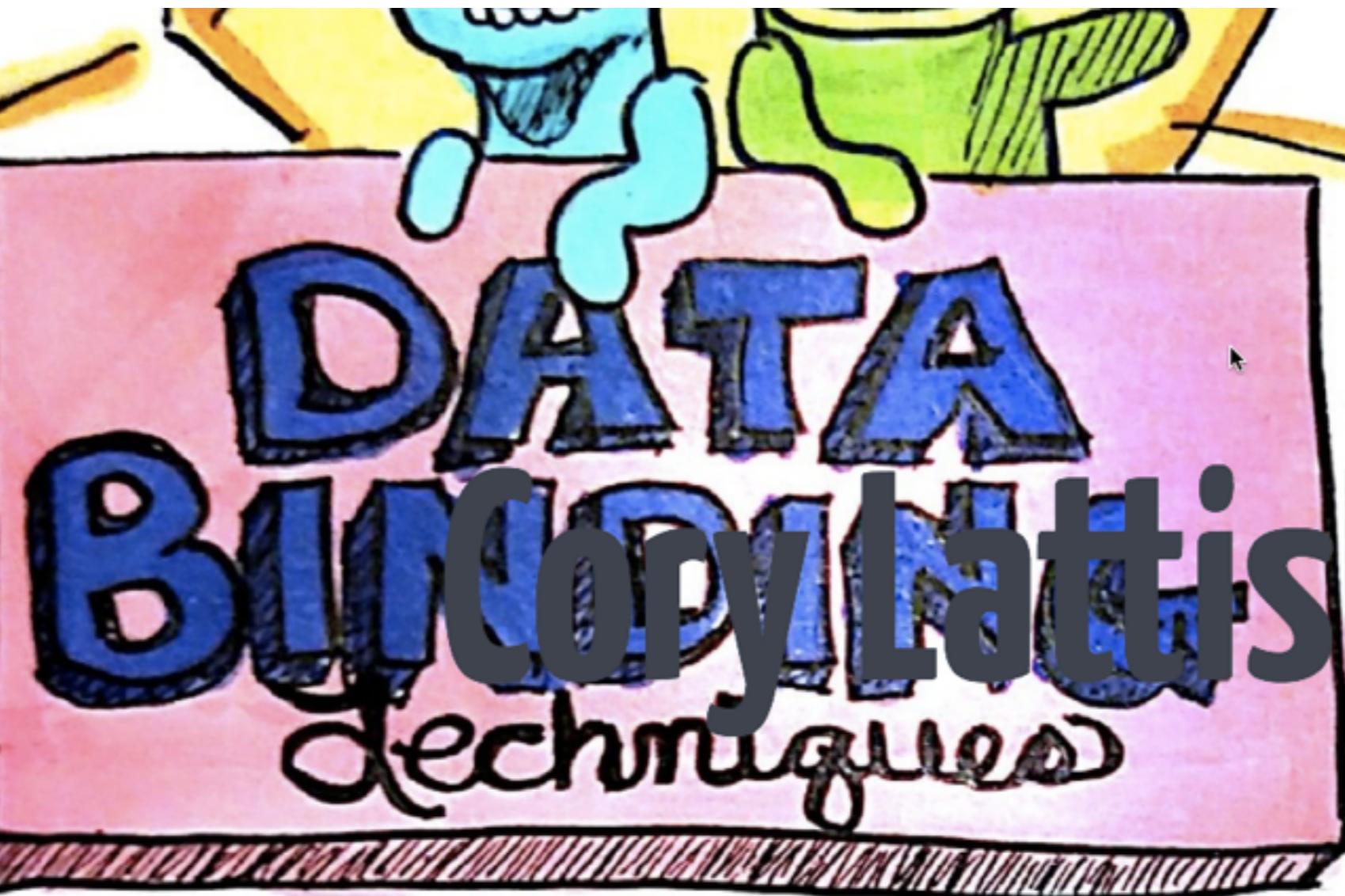
- share
- include presenter
- use # tags
- discuss

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Cory Lattislaw

@deejaygraham



its the view
less state

Why

- removes lots of repeat code
- single source of truth
- no more Id's

How? | Expressions

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sliding layout / S

most of the things you
do in React



using

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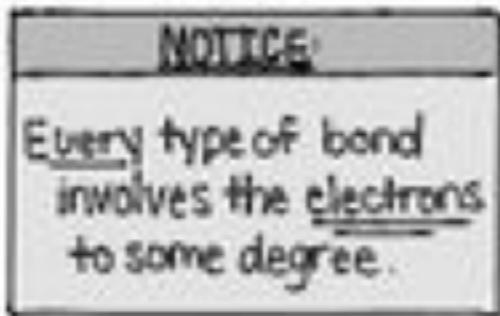
I

education

- Derek Bruff
- Julie Stitt

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BONDS



COVALENT
electrons are evenly shared, forcing atoms to stay close by.

T

METALLIC

electrons are shared between many atoms in a metal lattice.

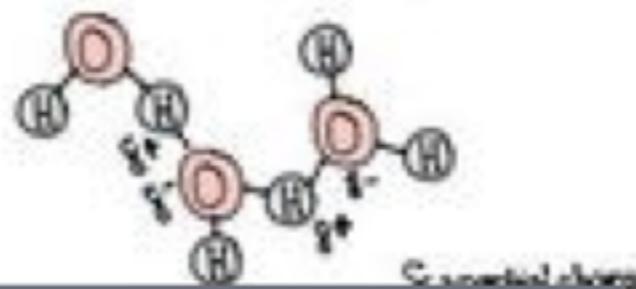


Vanessa Ralph

INTERMOLECULAR
(between molecules)
FORCES

HYDROGEN BONDS

magnetic attraction caused by unbalanced sharing of electrons with hydrogen.



W E A K

VAN DER WAALS

special types of dipole/magnetic interaction that involve the unequal sharing of electrons between non-bonding atoms.

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A black and white photograph of Austin Kleon, a man with dark hair and glasses, sitting at a cluttered desk in a workshop or studio. He is wearing a light-colored jacket over a collared shirt and is looking down at a piece of paper he is holding. The desk is covered with various items, including stacks of papers, a lamp, and some containers. The background shows shelves with more supplies.

Austin Kleon

@deejaygraham



w/o meg

ASSEMBLED own
BED.

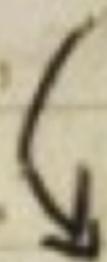


* big FAT WOMAN SAT
ON my young PAPERBACK
@ SUPER CUTS

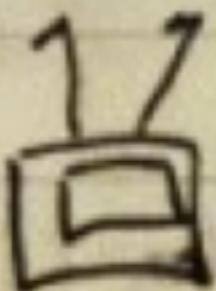


god-awful GRAMMY AWARDS!

SAGINAW, MI—According to your girlfriend, your request for some "alone time" this afternoon sounds fantastic, and she'd love nothing



4/9 went on little date
w/ meg to her se
pizzeria. tasted pre-cooked
(ba**)



Harry Potter 1

@deejaygraham

pool to our score)



printing
furniture

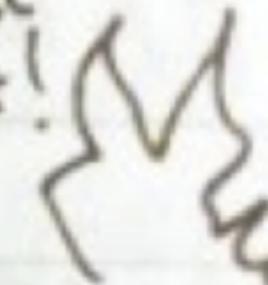


LOCKHART!

Smitty's(*@@@*)



that stuff'll
make ya hair
fall out!



fire
pit

Food coma

DEAD MAN (A@A@A)

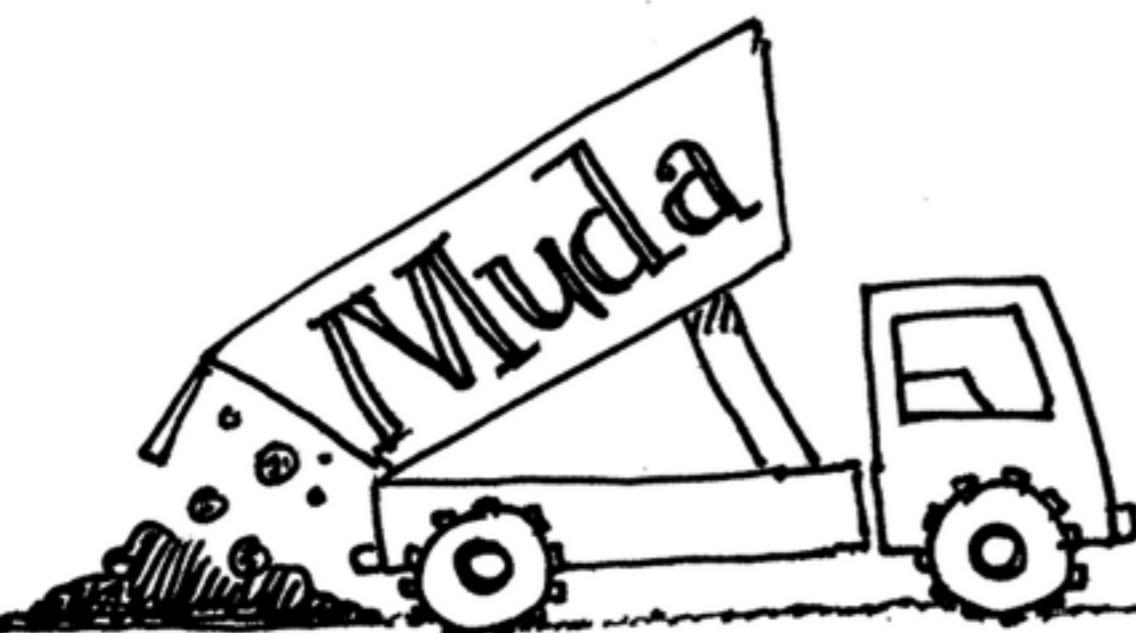
agile[™]

- Coaches
- Teams
- UX Design

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personal study

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NON - VALUE ADDING
ACTIVITIES

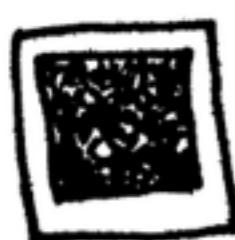


IMBALANCE,
UNEVEN, IRREGULAR

WASTE

LLKD13

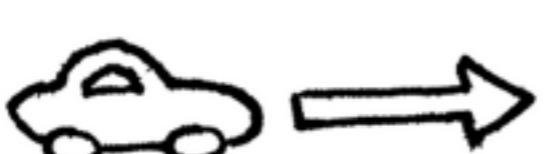
@ KANBAN DAN



ESTIMATE
NUMBER
OF STARS

ESTIMATION →
PREDICTABILITY

LEAD
TIME



ARRIVAL



LEAVE

THROUGH-
PUT
RATE



How
MANY
PER
MIN.?



LEAD TIME = 90s
TP = 1 EVERY 90s

②

ORDER
& PAY



45s

COLLECT



45s

LEAD TIME 90s TP, 1 EVERY 45s

@deejaygraham

PAY

COLLECT

③, 90s, 20s, 45s

20s

45s

IN SOFTWARE:

DIRE VIPUS

SKILL ACQUISITION

NOVICE



ADVANCED
BEGINNER



COMPETENT



@deejay graham

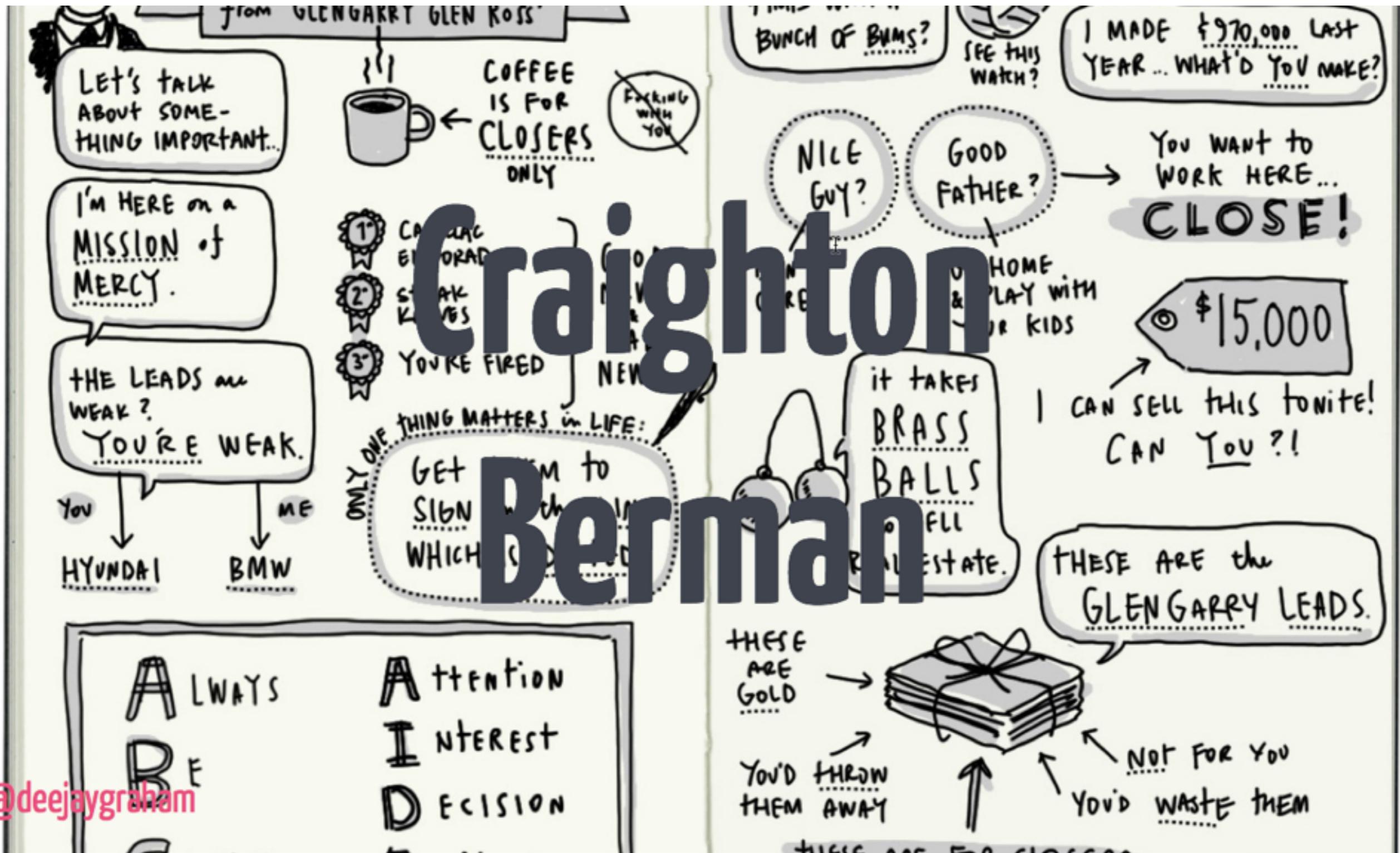
EXPERT



PROFICIENT



@deejay graham





it's all about me

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WHY 'AVE
I CALLED YOU
'ERE TODAY?



TDD Club



We don't have



to practice improving
NOT COMPLETING!

deliberate practice

IT'S HARD

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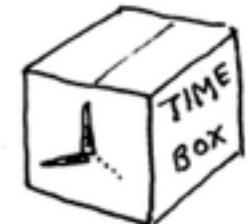
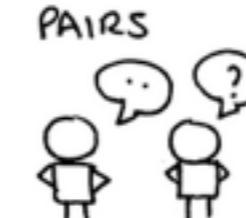
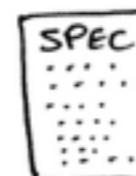
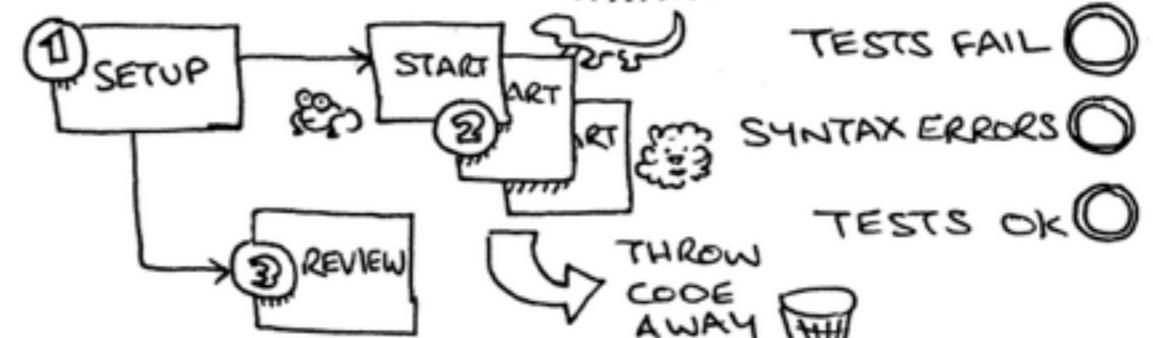
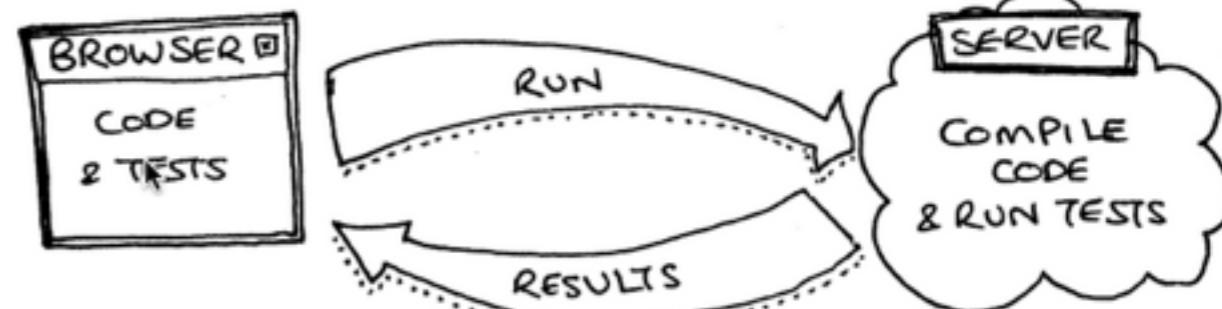


in the day job to improve
we NEED to make
to develop key skills...

cyber-dojo.com
a tool to practice
programming **Katas**



@jonjagger



✓ COLLABORATION
✓ SHARING EXPERIENCE

✗ COMPETITION
✗ COMPLETION



Warning

@deejaygraham

Vanity Slides Ahead

@deejaygraham



cool

@deejaygraham



About What is Foo Café

Your meeting. Every day

Foo Café is the natural meeting place for everyone passionate about media and technology. Whether you're a creative, architect, programmer, gamester, geek girl or serial entrepreneur, Foo Café gives you a forum to meet, greet and develop, every day of the year.

Crowd sourcing over coffee

When like-minded people meet, magic can happen.

We provide the place, and the ingredients for that magic. Quality coffee, whiteboards, an open space, seating, beer – and a dynamic agenda of events.

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The only agenda is you

We also offer help to non-profit groups who often don't have the time or resources to provide meeting services for themselves.

Want to start a Foo Café near you? Get in touch.[Email Michael Tiberg.](#)

FUBAR

Foo Café comes from the World War II expression FUBAR (Fucked Up Beyond All Recognition). Read more about it on <http://en.wikipedia.org/wiki/Foobar>.

We changed to Foo Café as we're open all day, not just in the evenings.

Dan North's view on Deliberate Learning



Yes please, contact us

Want to know more about Foo Café, hold an event, or better still, sponsor one? Get in touch today.
[Email Michael Tiberg.](#)

CAFÉ

coding
dojo



TRAINING ROOM

kata



"deliberate
Practice"



wrong metaphor !!!

for programming , , *

optimising for

* PERFORMANCE * minimise VARIANCE -

note perfect again & again & again & again & again...



♪ writing Software

- | | |
|---------------|-------------------|
| ✗ performance | ✓ discovery |
| ✗ kata | ✓ variance |
| ✗ dojo | ✓ problem solving |



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The 6th Annual



Building Software Better

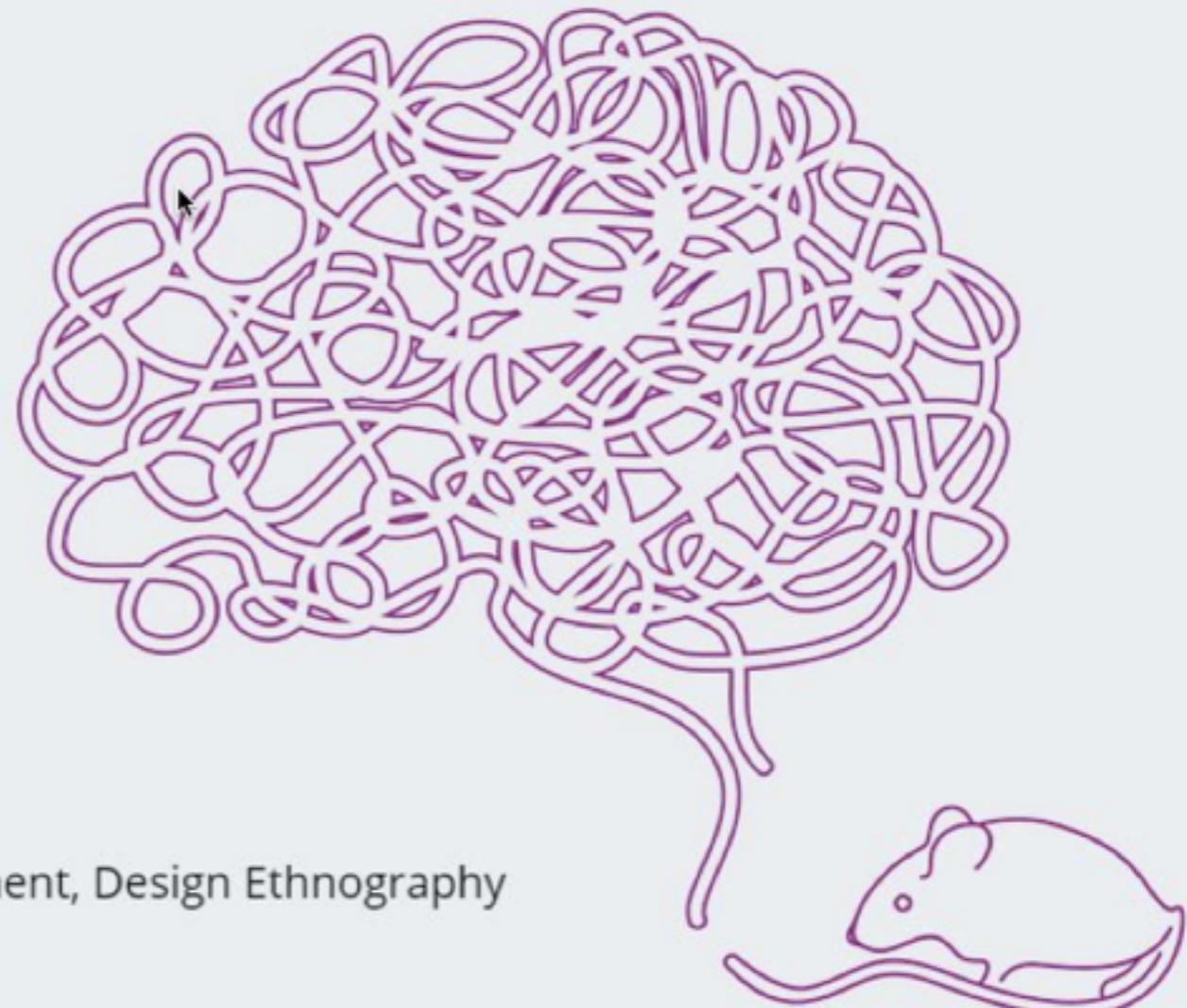
Agile, Scrum, Lean, Kanban, SAFe, Craftsmanship, XP

Building Better Products

Lean Startup, LeanUX, Design Thinking, Customer Development, Design Ethnography

14-15 April 2016 |

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POWER to the PROGRAMMER'S TOM GILB

FIGHTING FOR THESE IDEAS
SINCE 1970

DELEGATE
POWER
TO THE GRASS
ROOTS



EVIDENCE - BASED
DEVELOPMENT USING
ITERATION & FEEDBACK

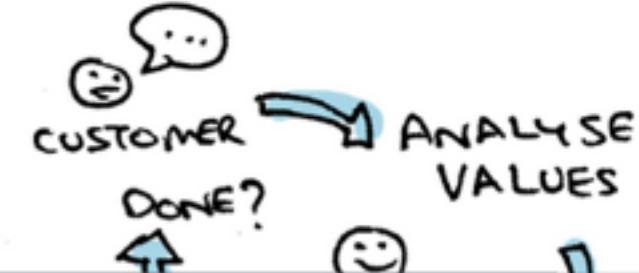
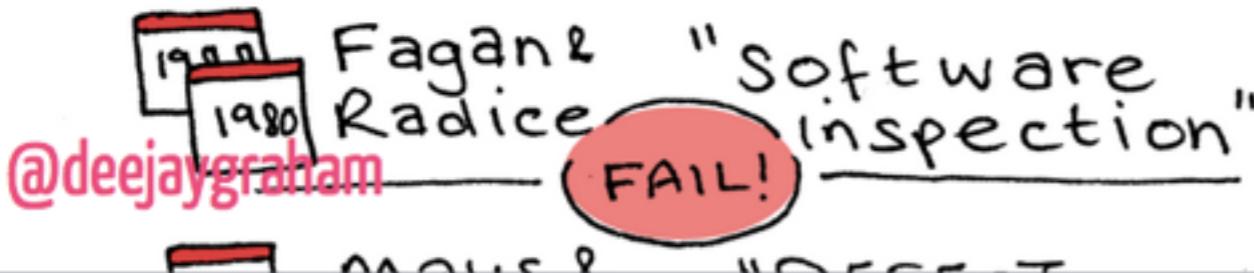
How We Work → What We Build

✓ PROGRAMMERS

✗ MANAGERS

✓ PROGRAMMERS

✗ ARCHITECTS





30 READERS 564 PAGES

ACE! 2014 Conference Proceedings

 ACE! Conference on Lean and Agile Software Development

The full proceedings from the 2014 ACE! Conference on Lean and Agile Software Development with talk transcripts, slide decks, and sketch notes.



This book is 99% complete
UPDATED 9 MONTHS AGO

FREE!
MINIMUM

You pay (USD) 

\$ 20.00

Author earns

\$ 17.50

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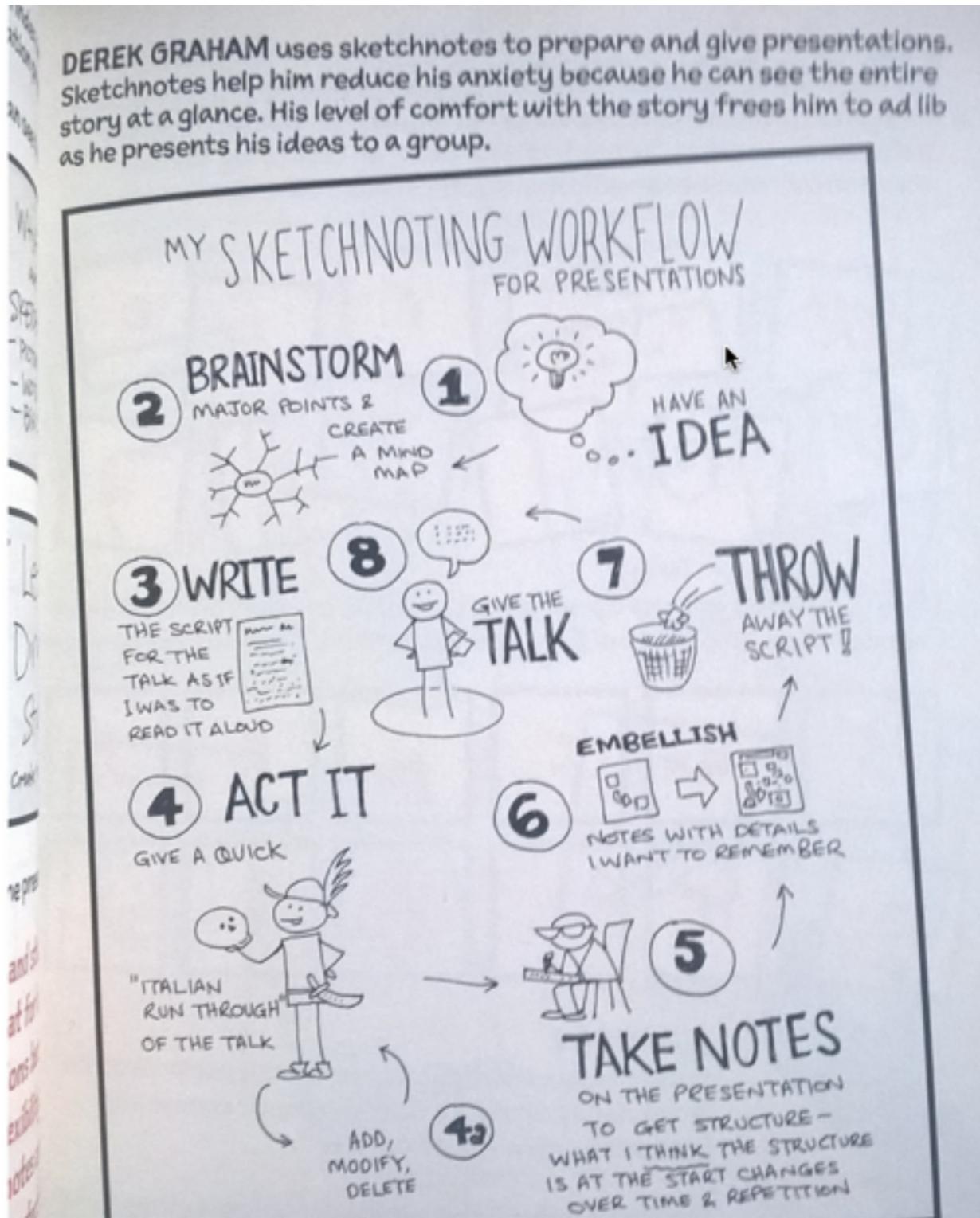
SketchUp WORKBOOK

→ ADVANCED techniques FOR TAKING ←
visual NOTES you can use anywhere



@deejaygraham

DEREK GRAHAM uses sketchnotes to prepare and give presentations. Sketchnotes help him reduce his anxiety because he can see the entire story at a glance. His level of comfort with the story frees him to ad lib as he presents his ideas to a group.



@deejaygraham

try...

@deejaygraham



...catch...

@deejaygraham

...finally!

@deejaygraham



questions

@deejaygraham



- Big Visible Charts - Ron Jeffries
- Atlassian Photos - Jeff Patton
- Sketchnoters - Themselves

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- Mike Rohde <http://rohdesign.com>
- Sketchnote Army <http://www.sketchnotearmy.com>
- The Noun Project <https://thenounproject.com/>
- Jeannel King <http://jeannelking.com/>
- Agile 2015 Sketchnote e-Book <http://finding-marbles.com/2015/09/28/little-book-of-sketchnotes-for-agile-2015/>
- Dual Coding Theory and Education - Paivio - University of Western Ontario, Pathways to Literacy Achievement for High Poverty Children, 2006
- Research On Student Notetaking: Implications for Faculty and Graduate Student Instructors - DeZure, Kaplan, Deerman
- The Pen Is Mightier Than the Keyboard : Advantages of Longhand Over Laptop Note Taking - Mueller & Oppenheimer - 2014
- How Learning Works - Seven Research-Based Principles for Smart Teaching - Ambrose, Bridges, DiPietro, Lovett, Norman - Wiley 2010

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