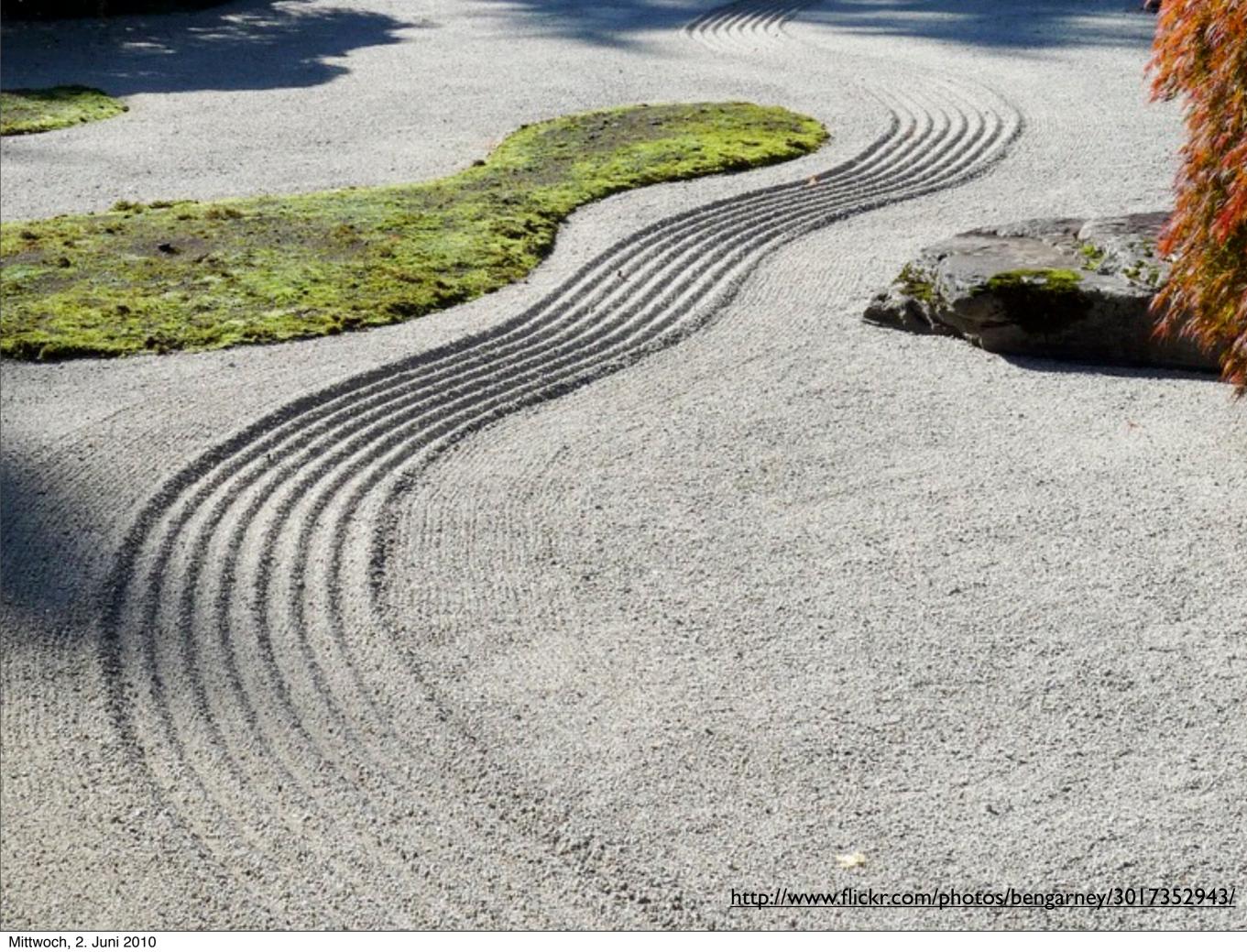
Coding Dojo

RailsWayCon 2010
Michael Mahlberg & Jens-Christian Fischer

Warning



Dojo? Kata?





Kata 形

- Form
- Choreographed pattern of movements

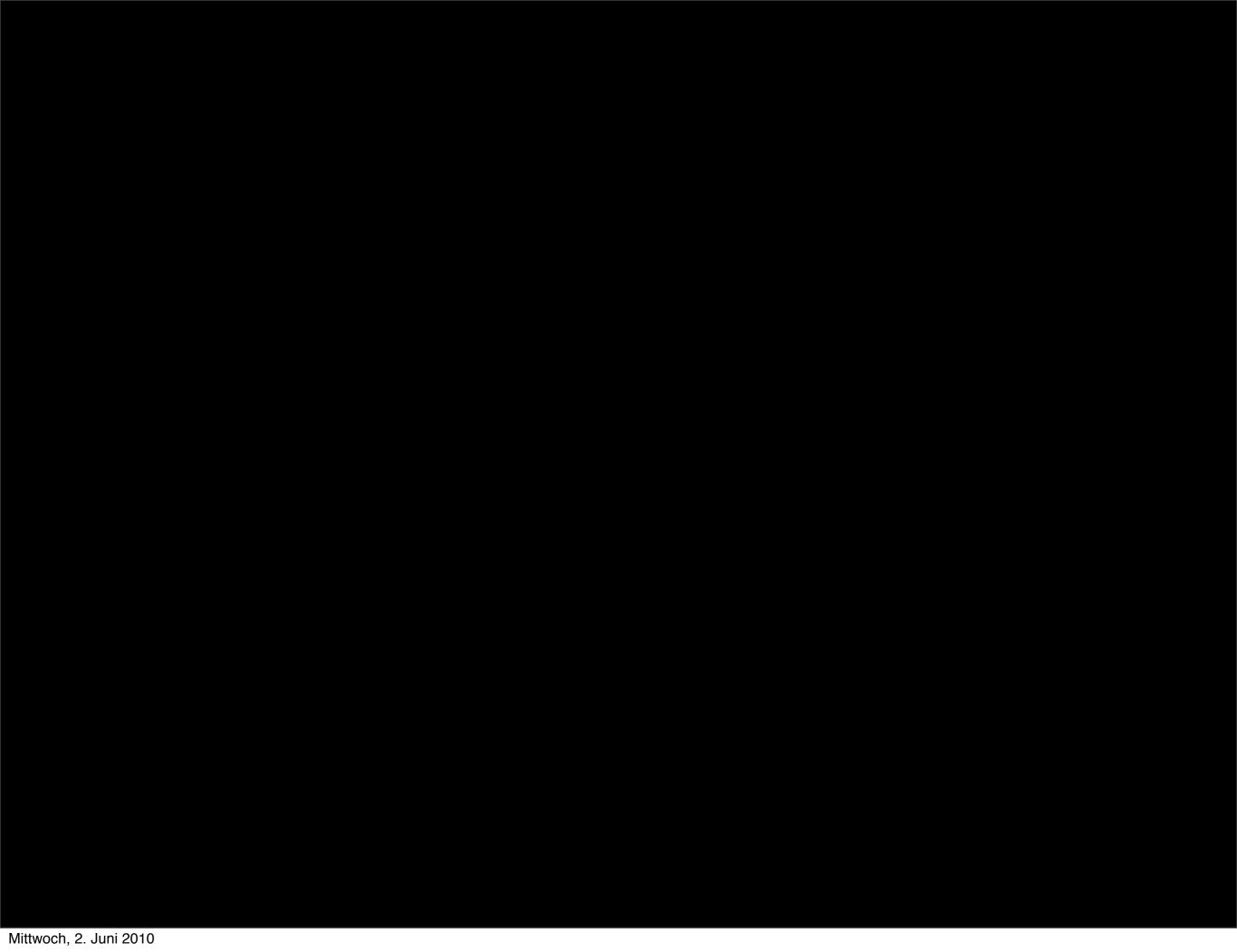
Dojo 道場

The Place of the Way

But Why?

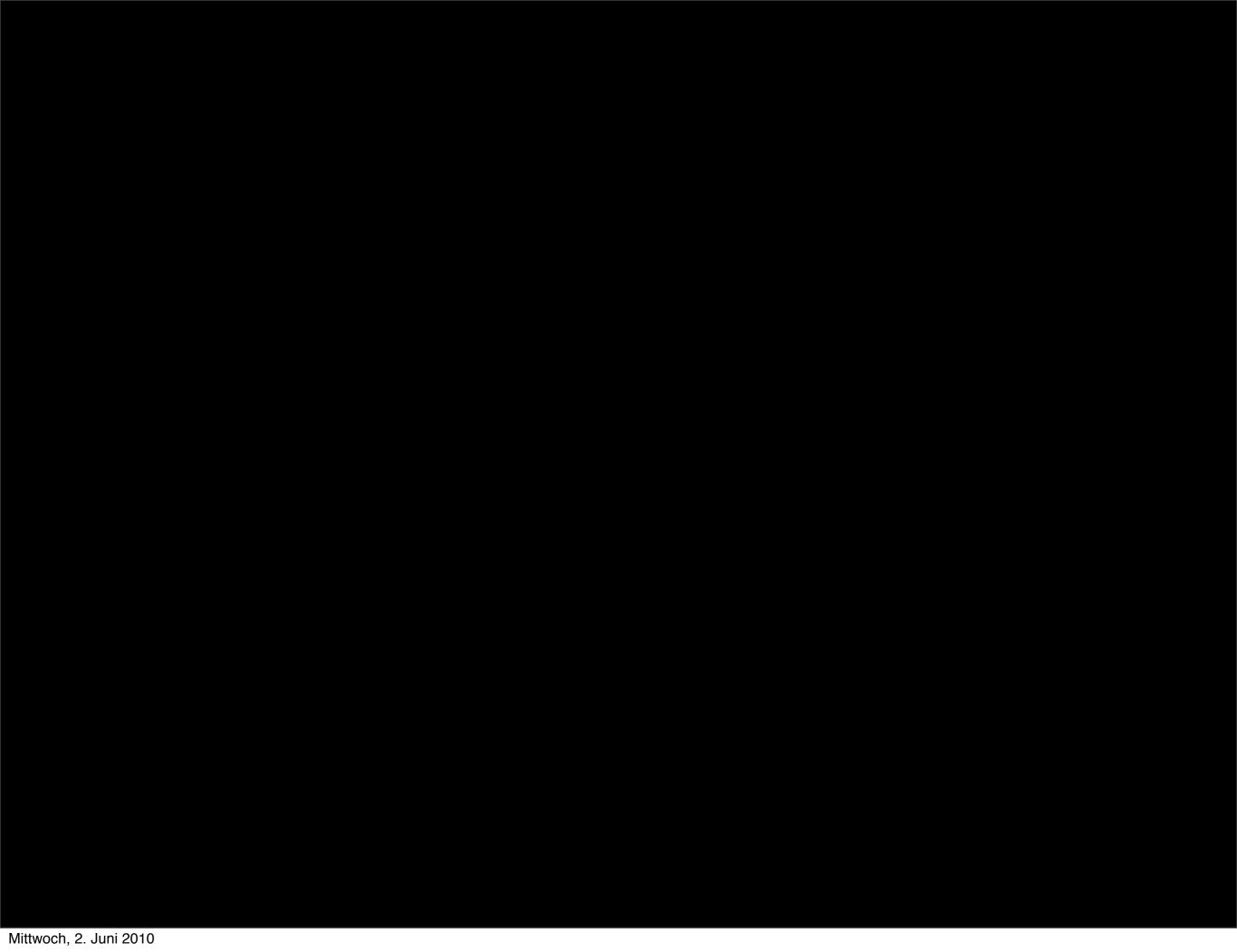


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The Black Page





Kata - Form

- Allows you to practice
- Allows you to free your mind of tediousness
- Muscle Memory

Different Katas

- Problem Solving Kata
- Tools Kata

Problem Solving

If can't think of at least 3 solutions, you haven't yet understood the problem

- G. Weinberg

Tools

The Way of the carpenter is to become proficient in the use of his tools, first to lay his plans with a true measure and then perform his work according to plan.

- Go Rin No Sho

Now that we have covered the theory

Coding Dojo

Randori Style

Rules

- Choose a problem (Actually, we have chosen)
- Pair programming Driver / Navigator
- Test Driven
- Red-Green => Switch Roles
- New Person coming in after 2 cycles
- Time limit (2 Minutes)

I wrote some code Threw it away Rewrote it again In front of other people It was clever code They frowned at it

http://bossavit.com/dojo/archives/000792.html

No Spoilers!

There are 100 closed Doors & 100 Monkeys

The first monkey goes through all doors and opens them

The second monkey goes through every 2nd door, and changes it (open when closed, close when open)

starting with the second

#2, #4, #6,

The third monkey changes every 3rd door

Starting with the third

#3, #6, #9,

Your Mission

List all open doors

```
;assume all memory is initially set to 0
    inc $1
openloop: inc $200,X
    inc $1
    inc $1
    txa
    adc $1
    tax
    cpx #$65
    bmi openloop
```

Resources

- http://codingdojo.org/
- http://programming.dojo.net.nz/welcome/index
- http://codekata.pragprog.org
- http://bossavit.com/dojo/archives/2005_02.html
- http://web.cs.wpi.edu/~gpollice/Dojo.html
- http://wiki.agilefinland.com/?CodingDojo

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