

Small steps  
towards better  
technical presentations  
Dirk Haun, ACCU 2016

# The Problem with Bullet points

- people will start reading from the top
- won't listen while you talk about the first items
- then they already know what's coming
- so they won't listen for the rest either

# Solution?

- List only one idea per slide

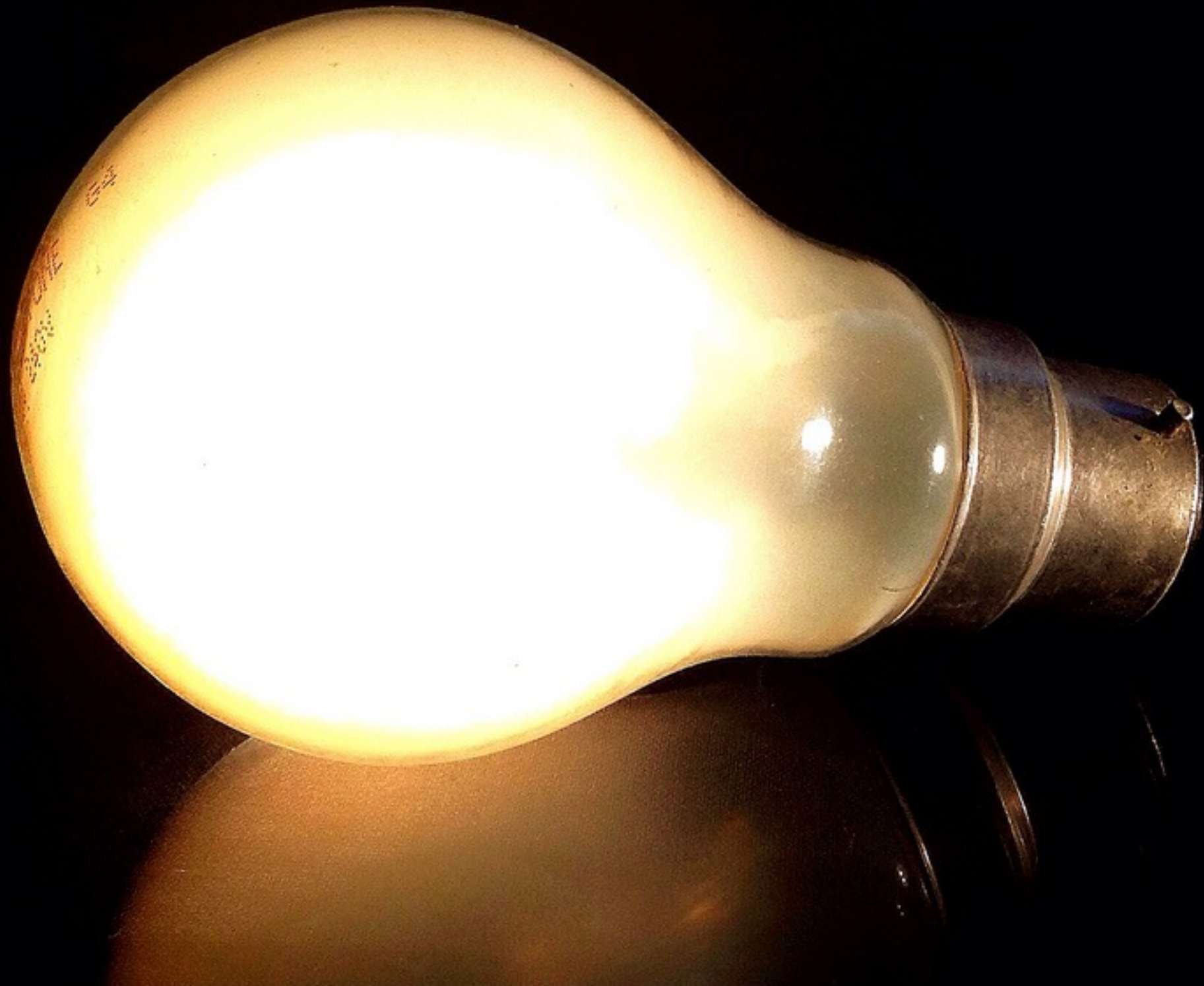
One idea per slide



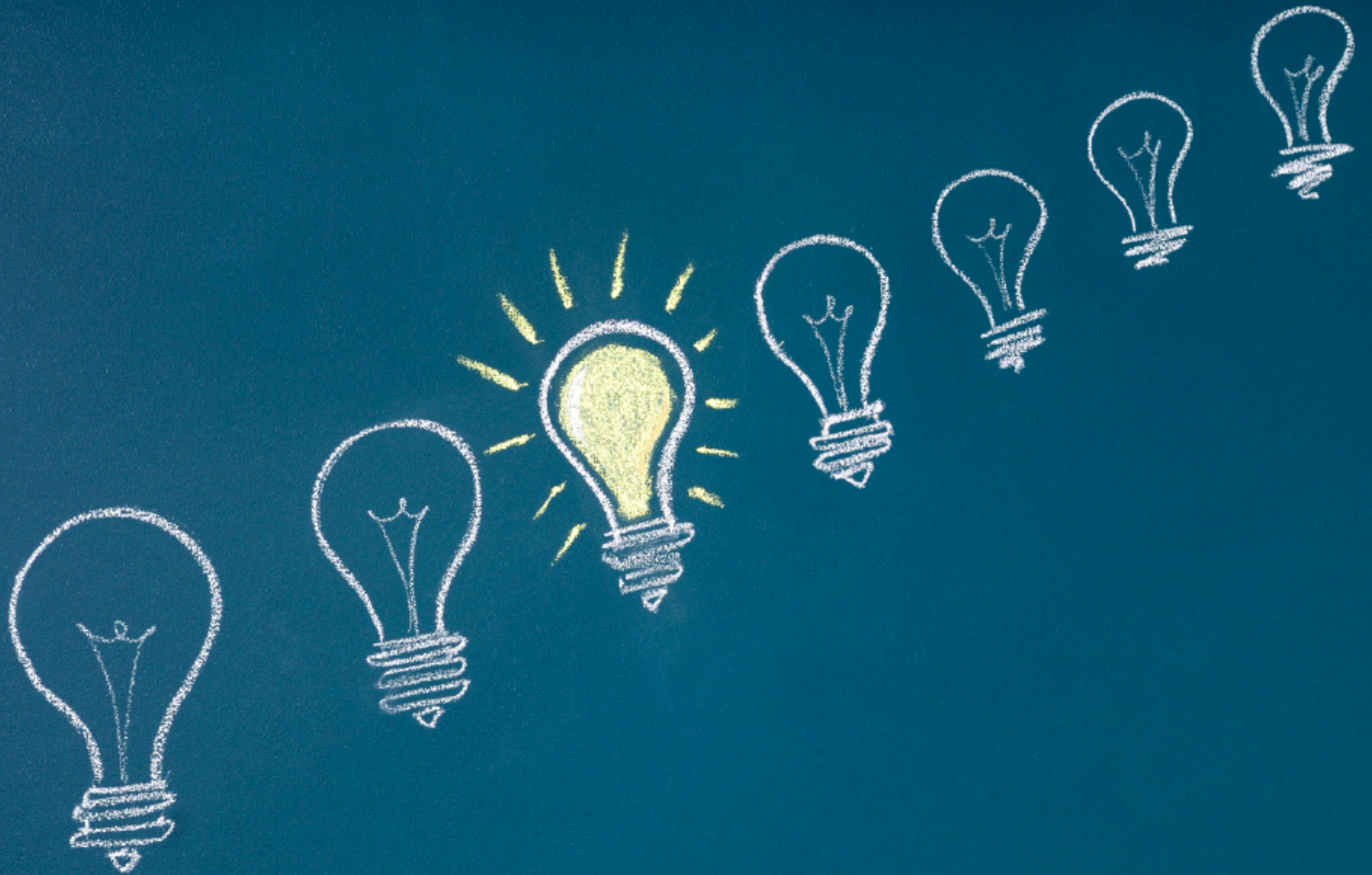


One idea per slide

One idea per slide







One idea per slide



# Just to be clear ...

- (short) lists are okay
- code is okay





Know what to call slides with a lot of text on them?  
Your notes! If you feel you need slides with text, it's probably because you need notes.  
**Don't show the audience your notes.**

Susan Weinschenk





presentation

“What is the use of a ~~book~~,”  
thought Alice,  
“without pictures or conversation?”





go for the  
easy targets



# Further lessons

- Take the easy option (always!)

Take the easy option  
(always!)


# Hooks





**Hooks**

# C++11

- Is a better approximation of my ideals for support of good programming
    - Significantly better than C++98
  - Has tons of distracting “old stuff”
    - Going back to C in 1972
  - We must focus on the essentials
    - And the “good stuff”
    - “Elegance *and* efficiency”
  - C++11 is not the end, we can do much better still
    - Anyone who says *I have a perfect language* is a fool or a salesman
  - Stability/compatibility is an important feature in itself
    - And not free
- 

BJARNE STROUSTRUP

THE CREATOR OF C++

Using  
C++ 11  
and  
C++ 14



# PROGRAMMING

*Principles and Practice Using C++*

SECOND EDITION

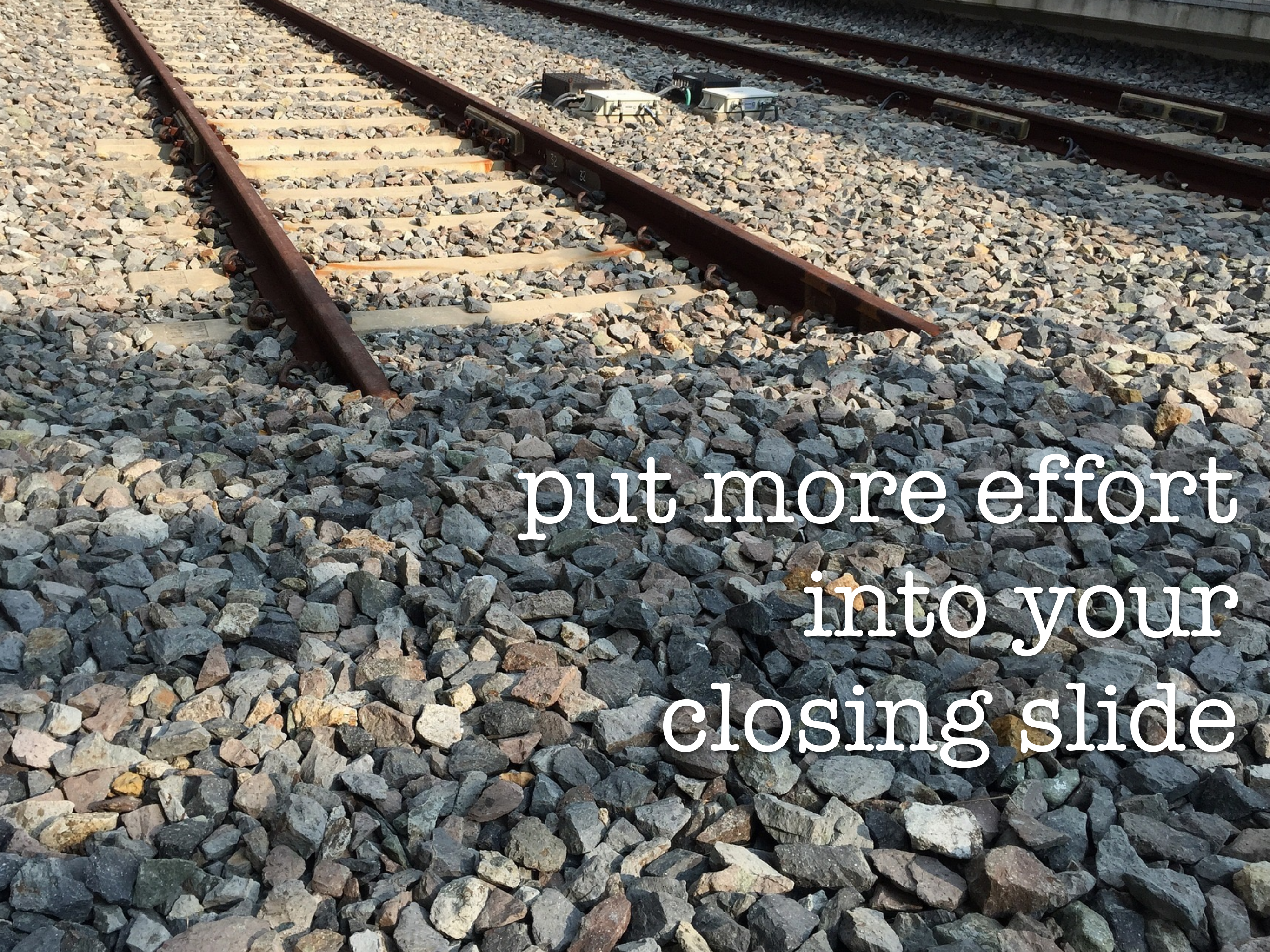
The standard committee  
not breaking  
your 20-year-old code  
is a **feature**.



We can do much better still.







put more effort  
into your  
closing slide



# DTRT

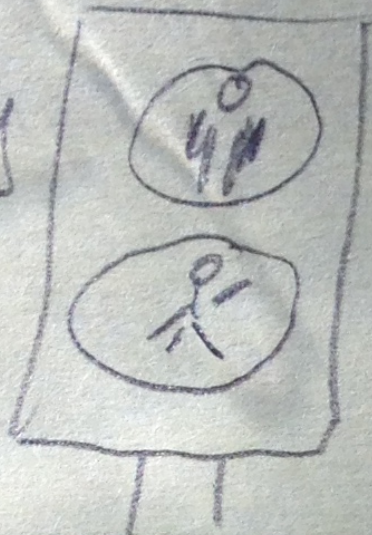
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- Worry!
- Don't worry!

(Logo)



Worry



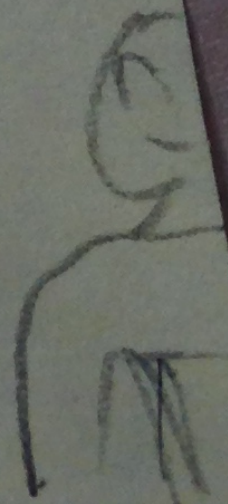
Don't  
worry

Sometimes  
you have to  
worry  
and sometimes you  
don't

Worry

Don't  
worry

Do  
The  
Right  
Thing





**Sometimes**

**you have to**

**worry**

**and sometimes you**

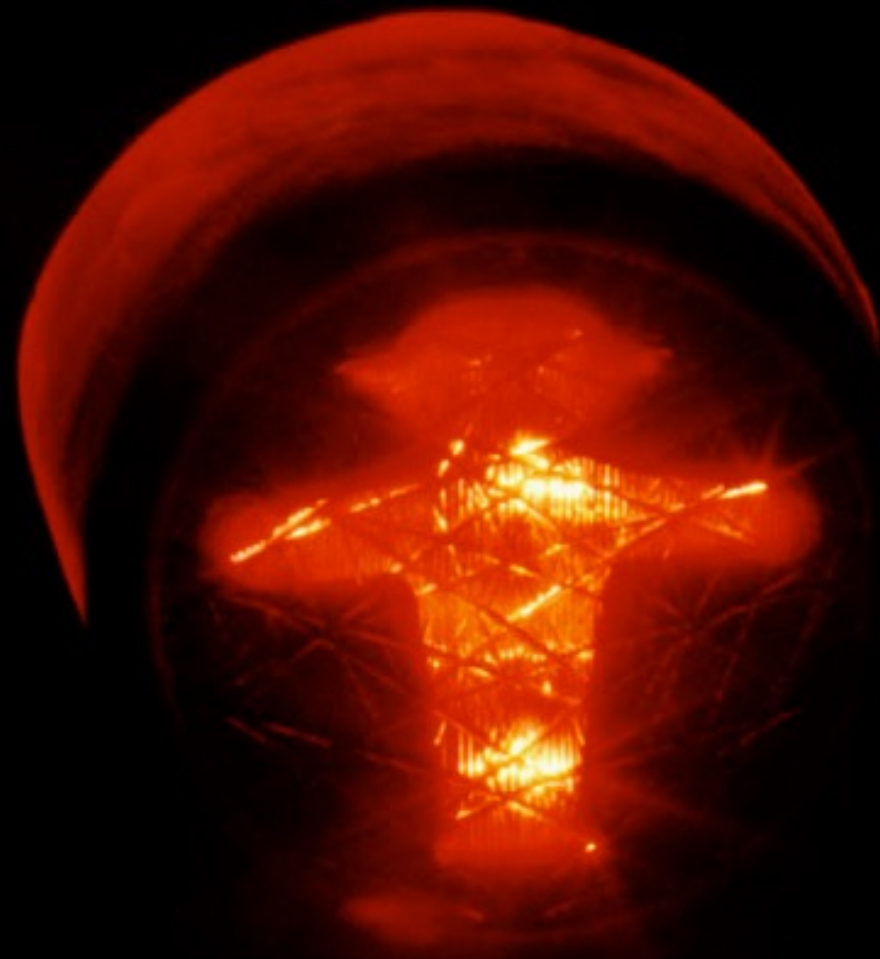
**don't**

**Do  
The  
Right  
Thing**





**worry**



**don't  
worry**

**WORRY**

**DON'T  
WORRY**



Hara hachi bu

„80% full“







Bonus:  
Observations  
from ACCU 2016



# „Lessig method“ in action

accu  
2016

## Uninitialised memory algorithms

Specialised array-based containers are now possible

Array of unique\_ptr

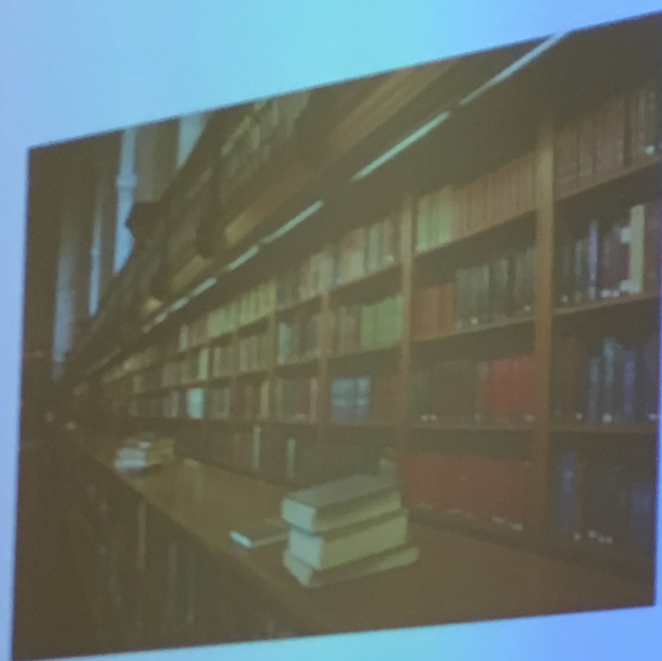
New type traits

Relocatable types

@hatcat01

accu  
2016





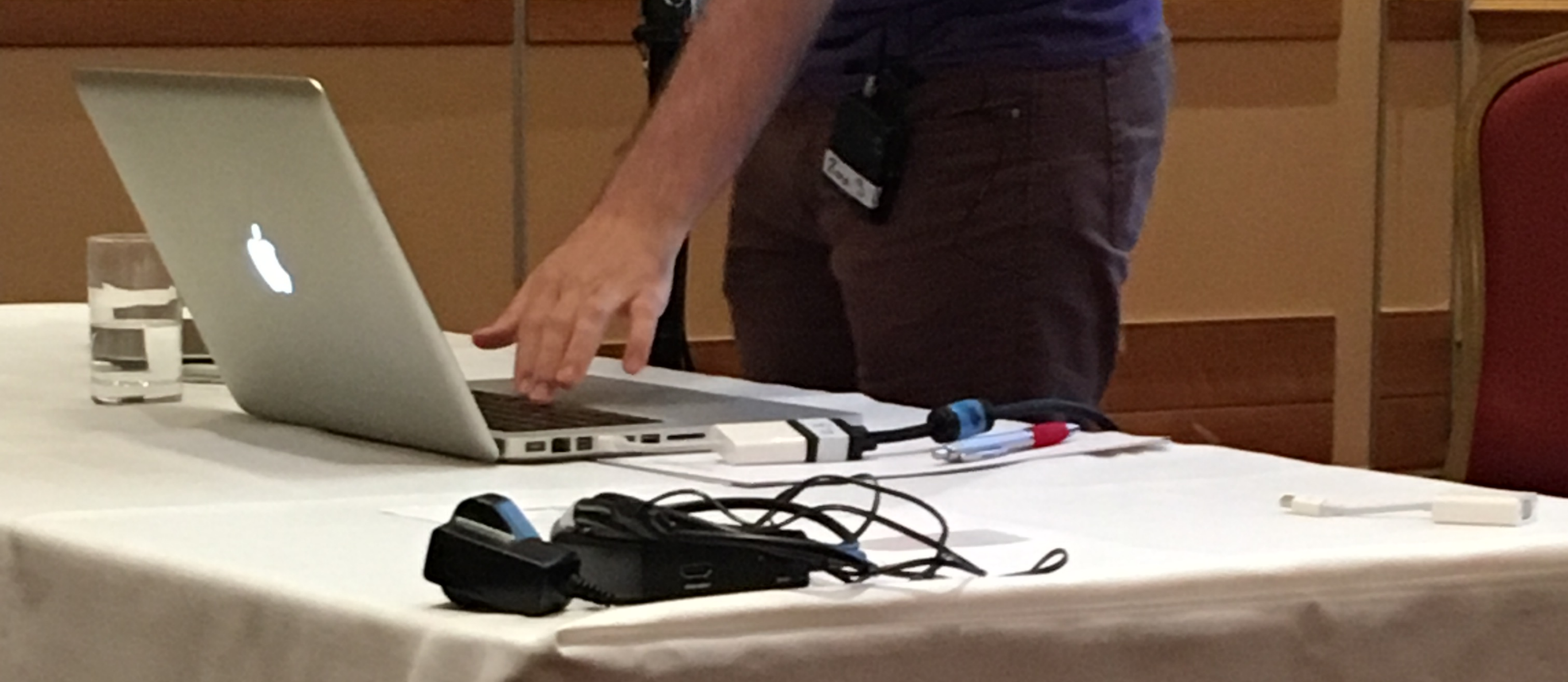
Why so small?



# Time Management







Use a remote, please



Beware of the laser pointer





## Both class and Context instances can play Roles

- ... in which case, *we really don't need classes any more*
- *They never were part of the OO vision*
- The **trygve** language supports more or less arbitrary scope nesting (anything inside anything)
- Classes become truly *operational models*, exactly the Piagetian ideal that Kay strove for



thankyouanyquestions?



Don't show the audience  
your notes!

Go for the easy targets.

Hara hachi bu (80%).



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@dirkhaun





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