



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

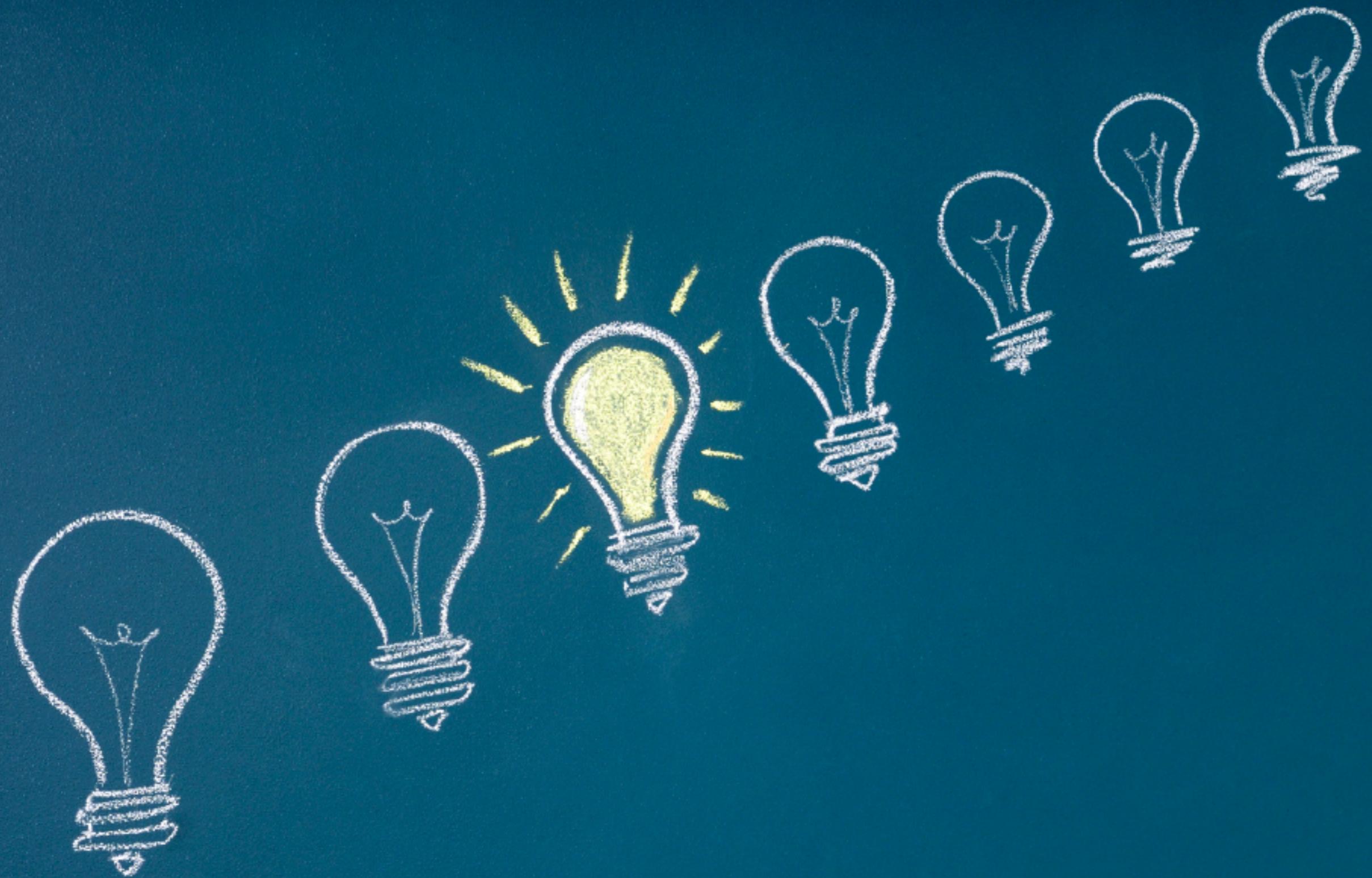
One idea per slide



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

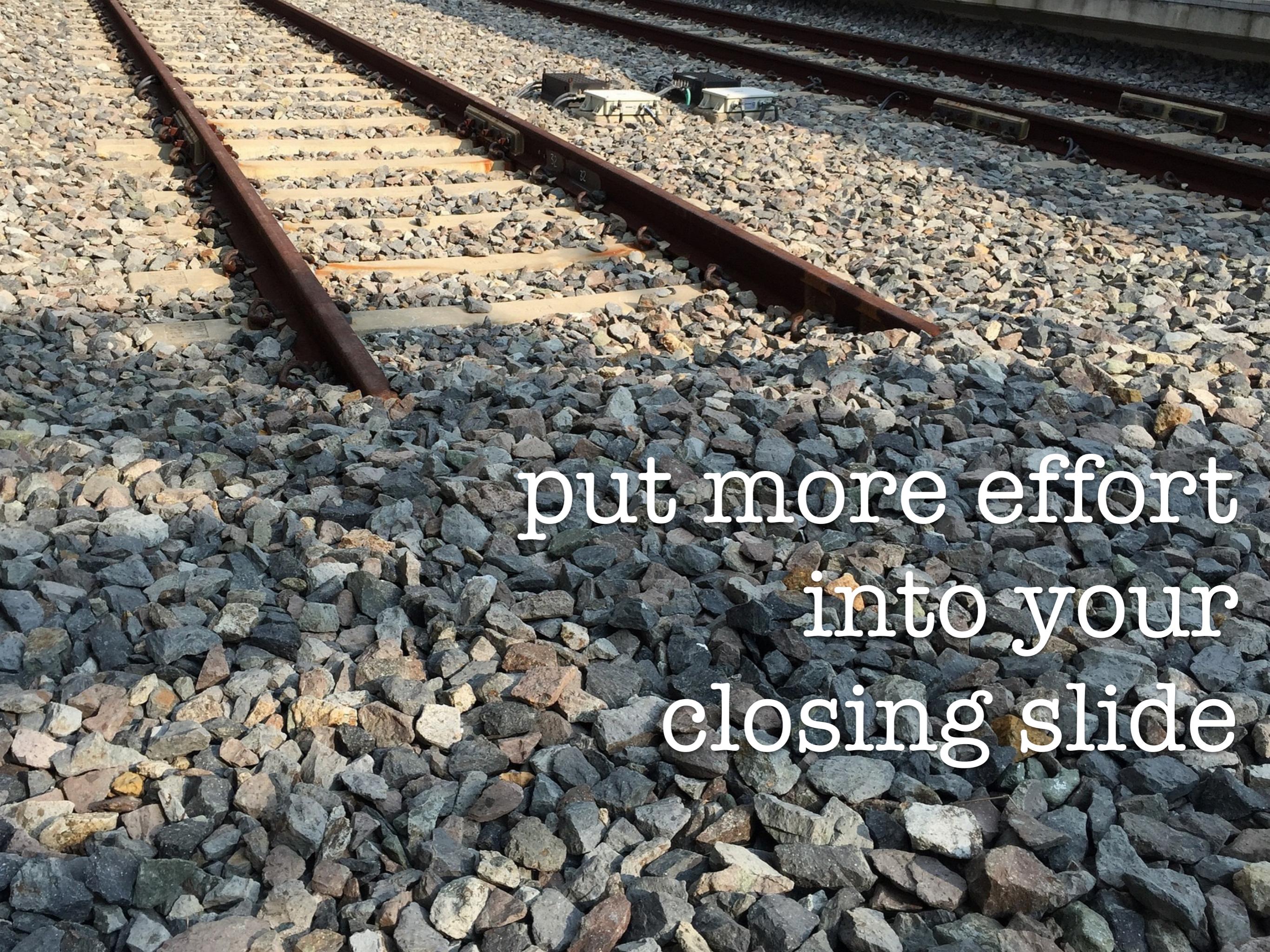
Principles and Practice Using C++

SECOND EDITION

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

We can do much better still.



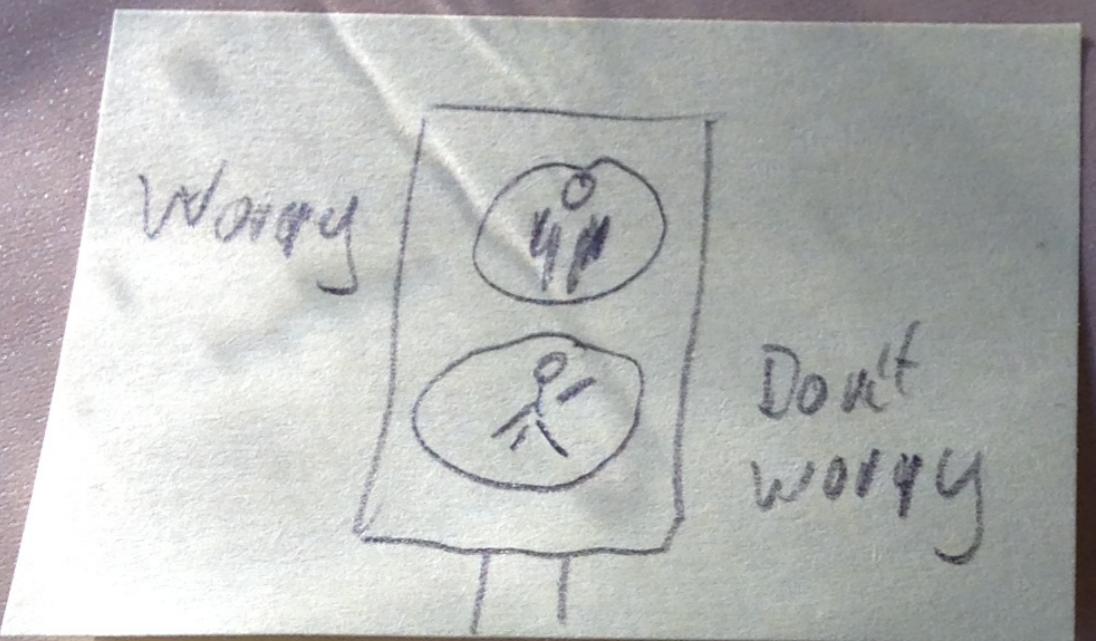
A photograph of a railway track switch mechanism. The tracks are made of dark steel rails and light-colored wooden sleepers. They are set into a bed of grey and brown gravel. In the center, there's a mechanical device with several small white boxes and some orange and black components. The text is overlaid on the right side of the image.

put more effort
into your
closing slide

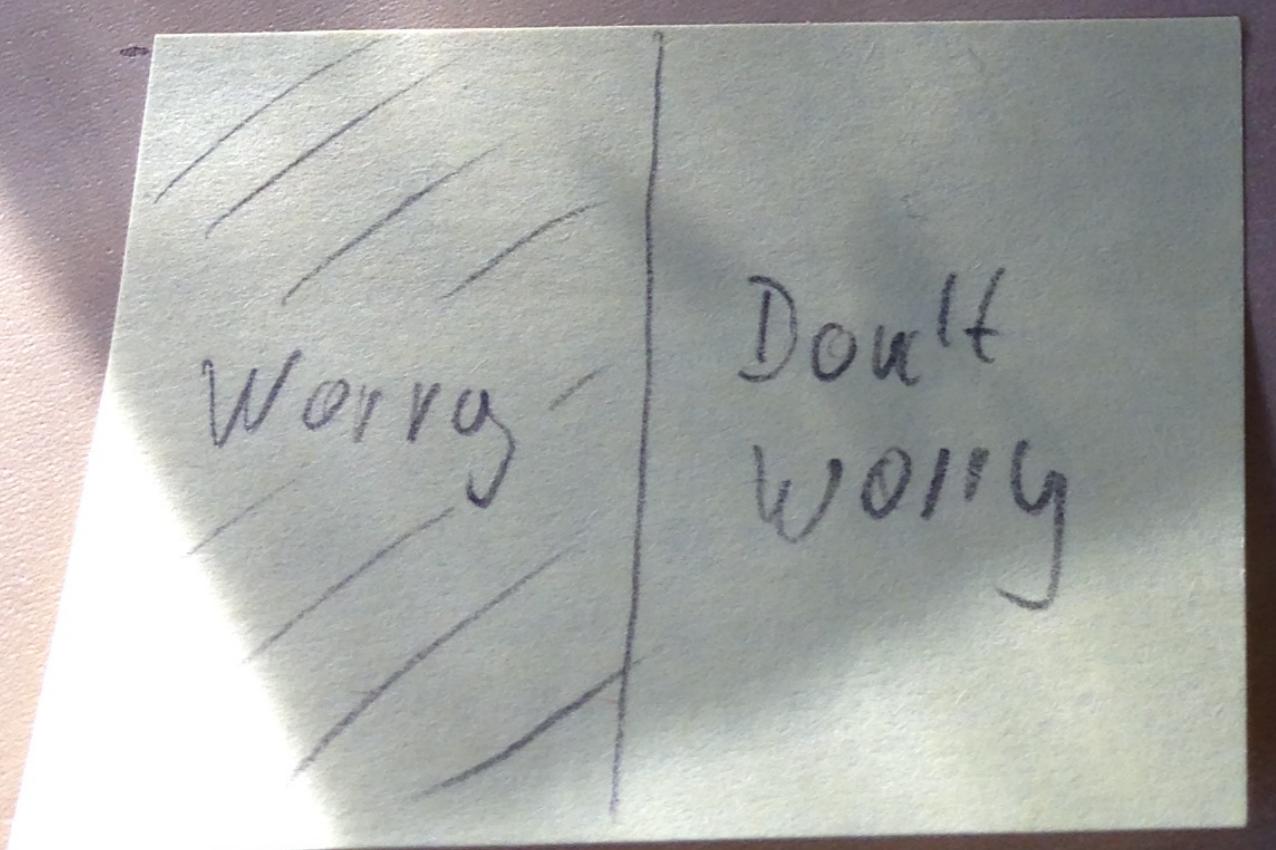
DTRT

- Worry!
- Don't worry!

(Logo)



Sometimes
you have to
worry
and sometimes you
don't



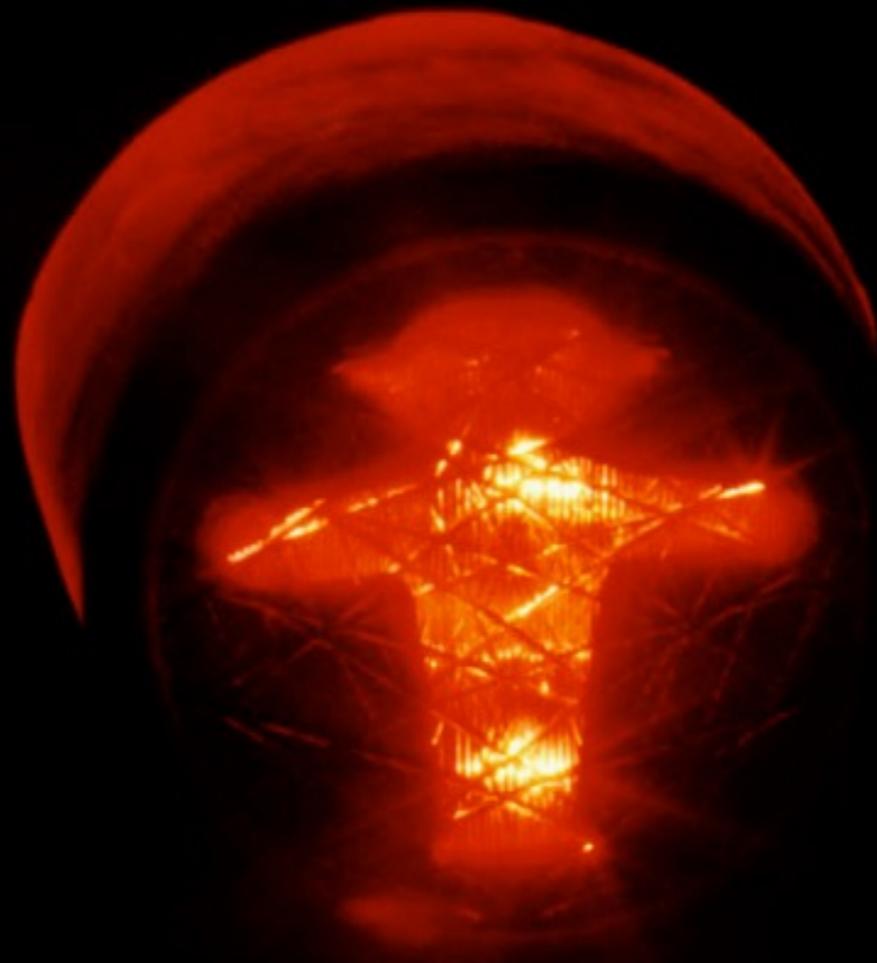
Do
The
Right
Thing

**Sometimes
you have to
worry
and sometimes you
don't**

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worry



don't
worry

WORRY

**DON'T
WORRY**

Hara hachi bu

„80% full“

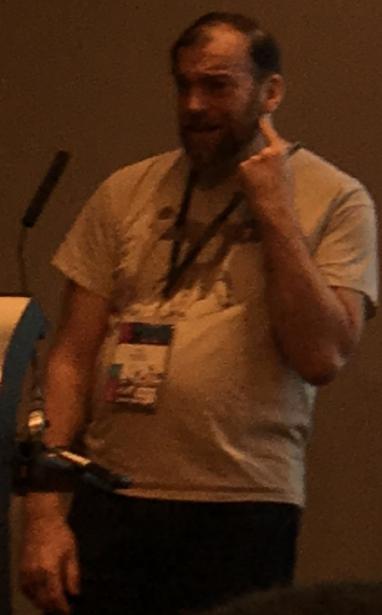


Bonus:
Observations
from ACCU 2016



„Lessig method“ in action

accu
2016



accu
2016

Uninitialised memory algorithms

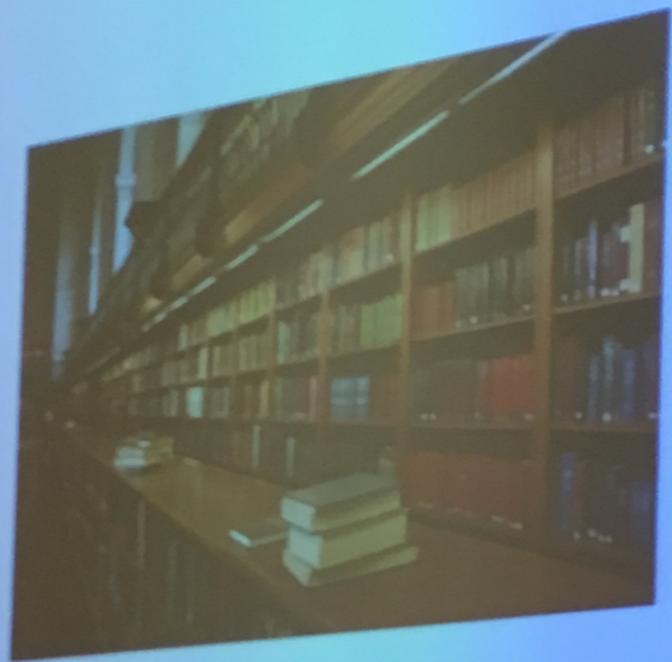
Specialised array-based containers are now possible

Array of unique_ptr

New type traits

Relocatable types

@hatcat01

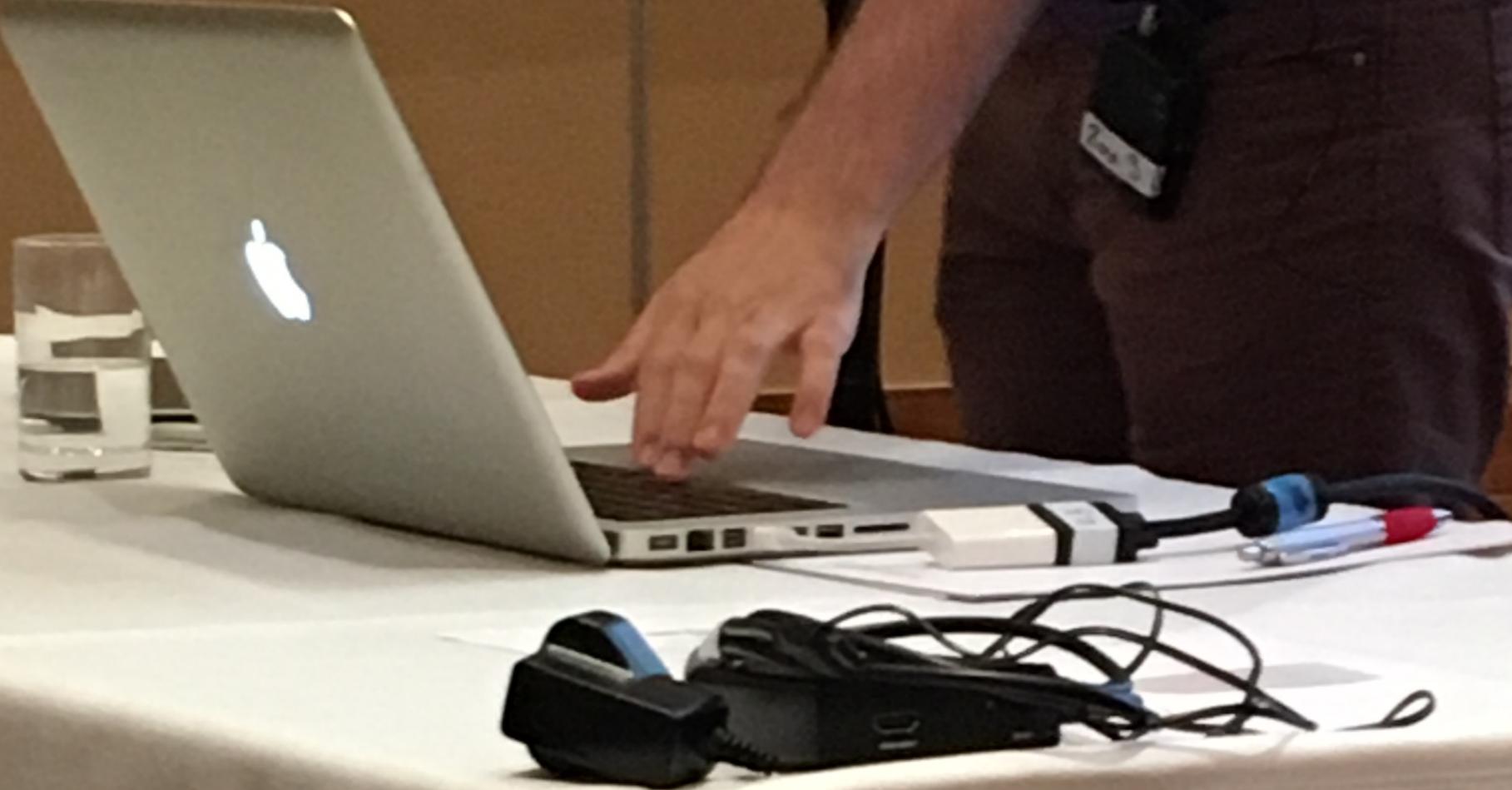


Why so small?

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



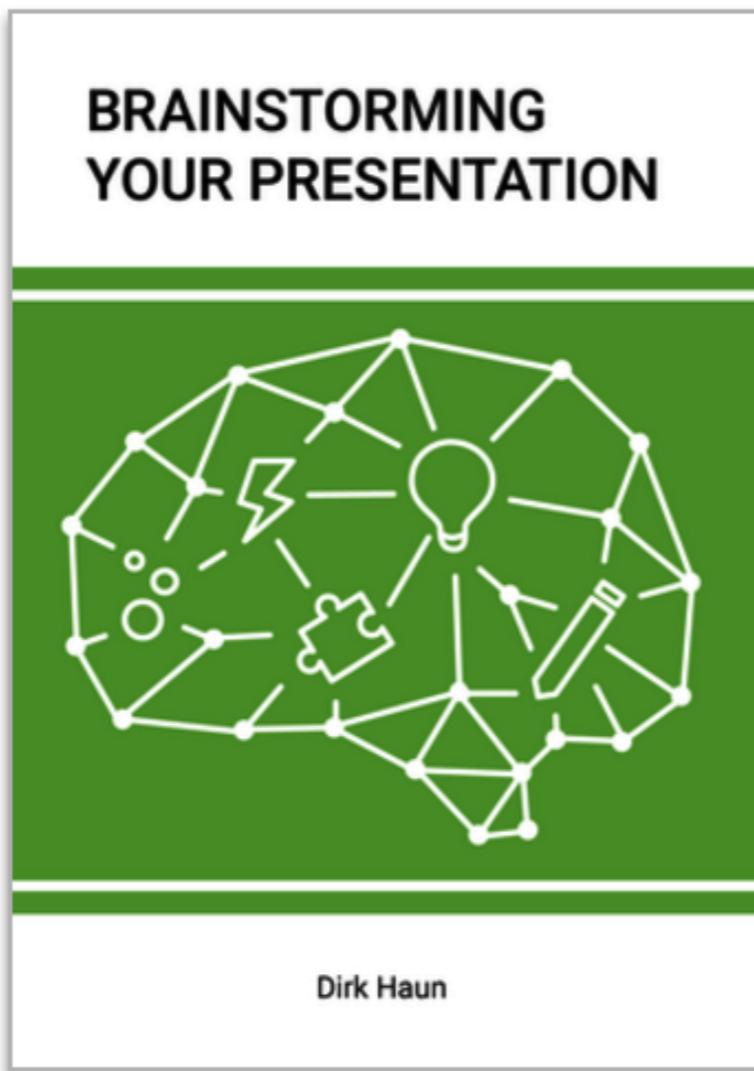
thankyouanyquestions?

Don't show the audience
your notes!

Go for the easy targets.

Hara hachi bu (80%).

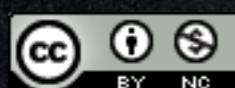
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Dirk Haun
**Presenting for
Geeks**

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