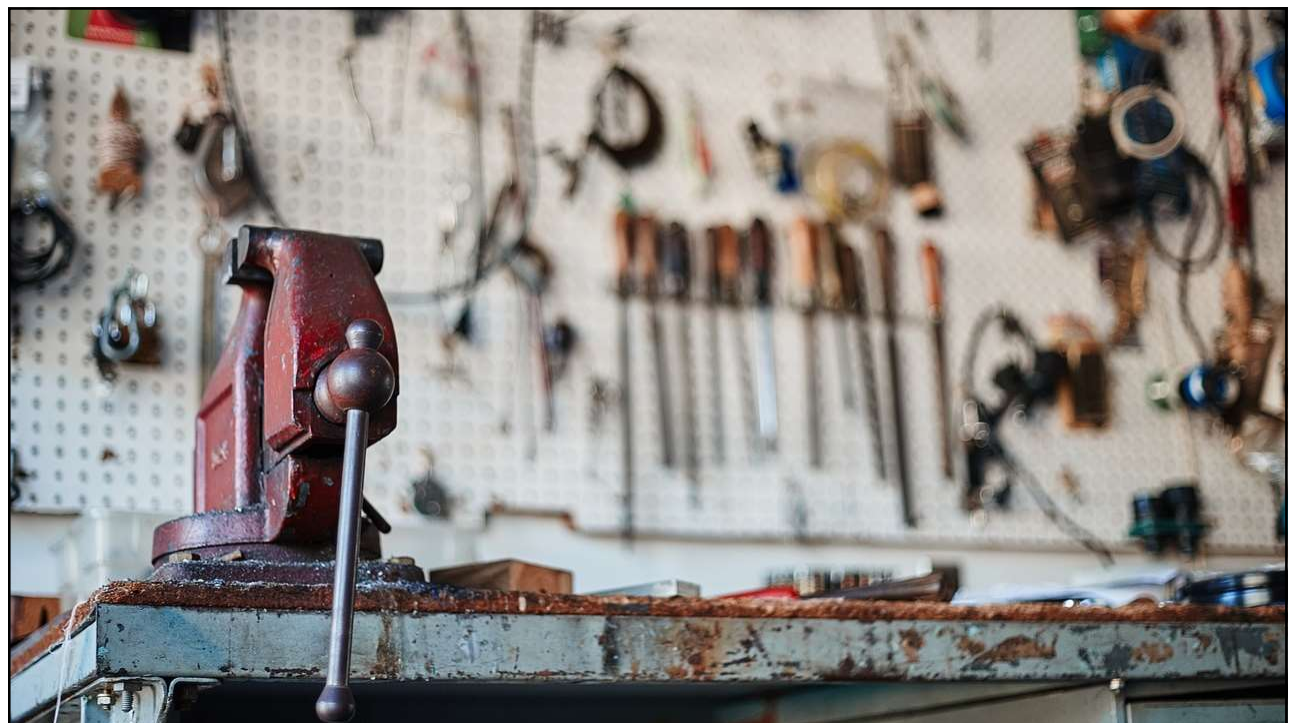


Learning Through Tinkering

Tom Cools
@TCoolsIT
www.tomcools.be



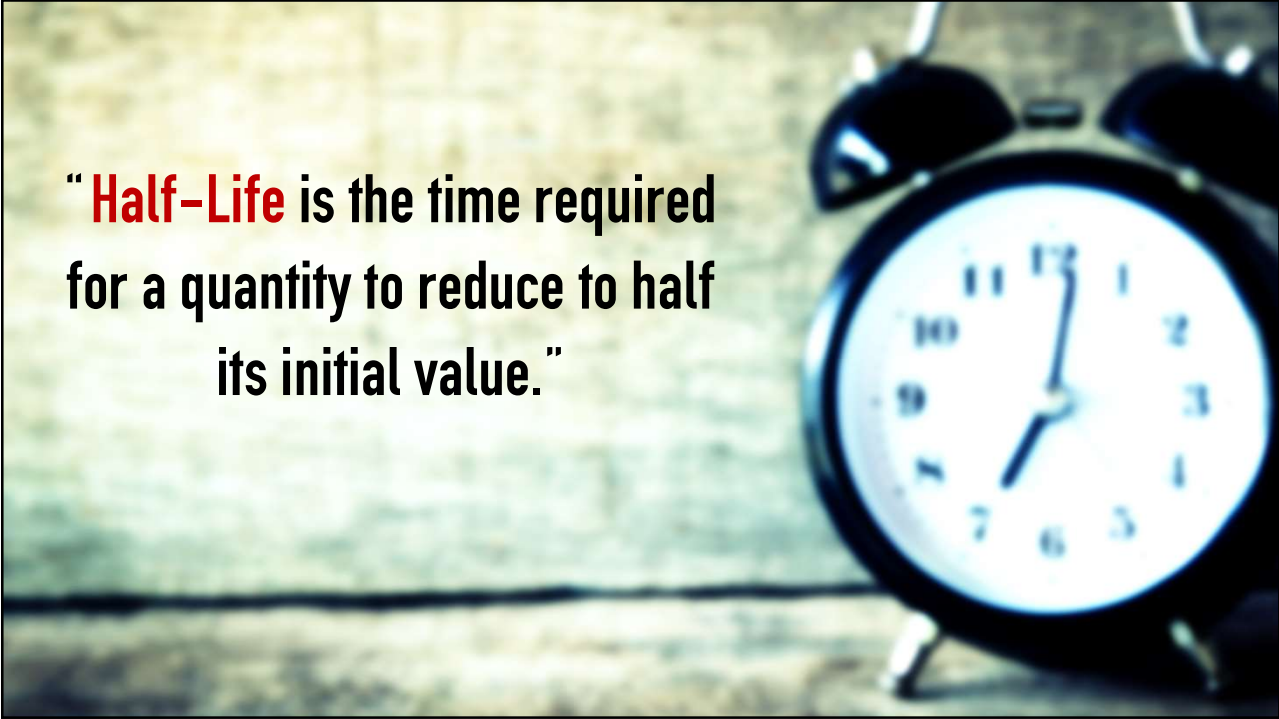
The image features a workshop background with a red vise on a workbench. A cartoon character with a red eye and black and white body holds a blue flag with the 'infoSupport Solid Innovator' logo. The text 'Learning Through Tinkering' is prominently displayed at the top, and contact information for Tom Cools is in the bottom left.



Half-Life

A black and white photograph of a classic twin-bell alarm clock. The clock is positioned on the right side of the frame, resting on a light-colored wooden surface. The background is a blurred, textured wall. The clock face is clearly visible, showing the numbers 1 through 12 and the hands.

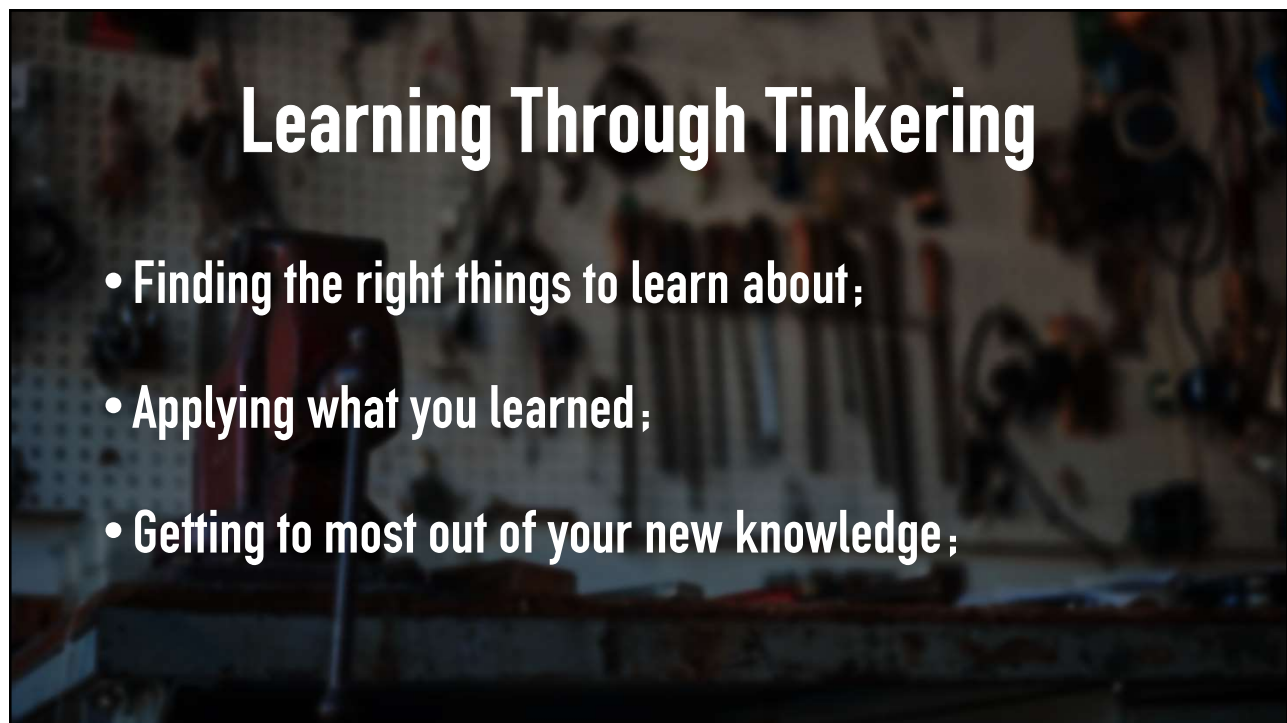
“**Half-Life** is the time required for a quantity to reduce to half its initial value.”

A black and white photograph of a classic twin-bell alarm clock, identical to the one in the first image. It is positioned on the right side of the frame, resting on a light-colored wooden surface. The background is a blurred, textured wall. The clock face is clearly visible, showing the numbers 1 through 12 and the hands.



The **Half-Life** of relevant knowledge in the IT-Sector:

2 to 5 years



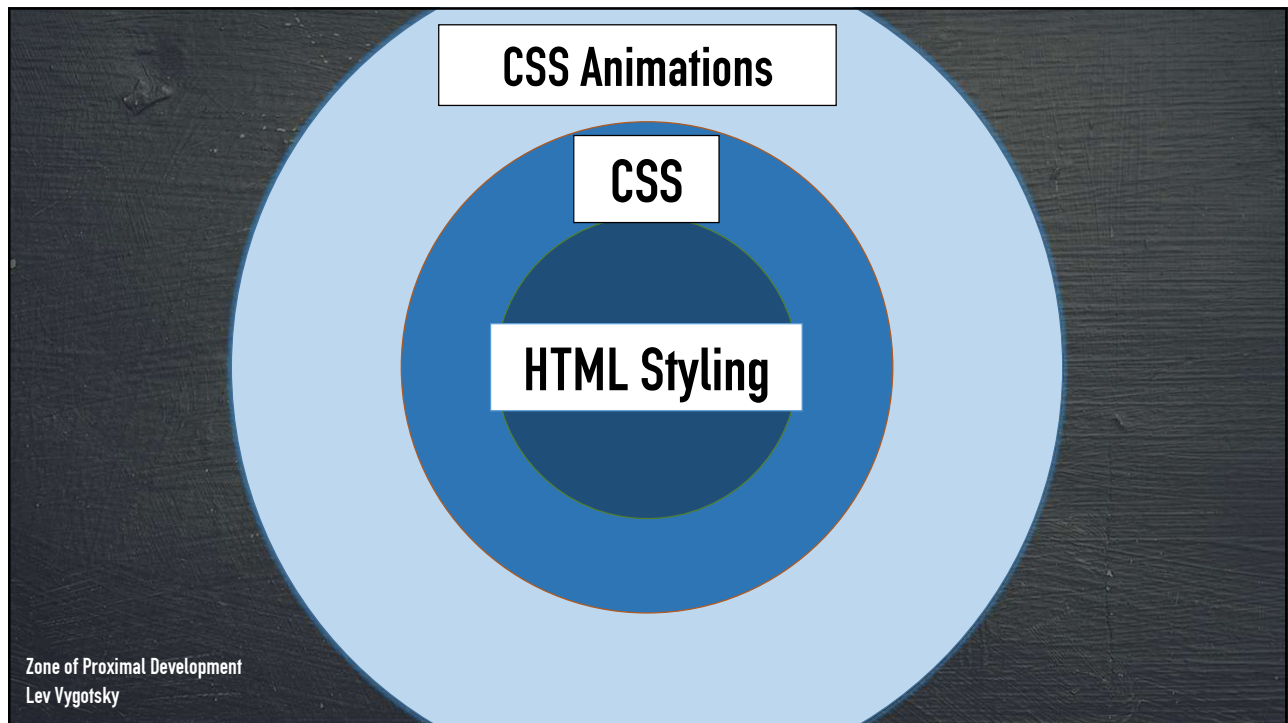
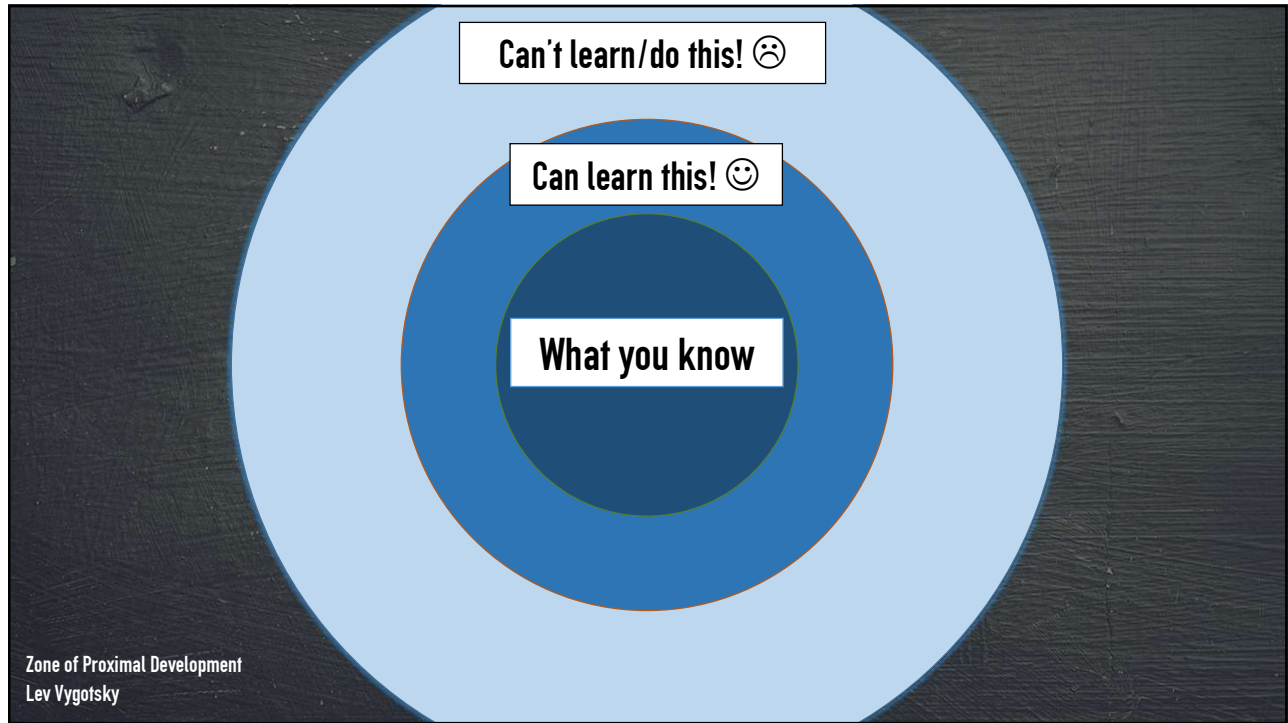
Learning Through Tinkering

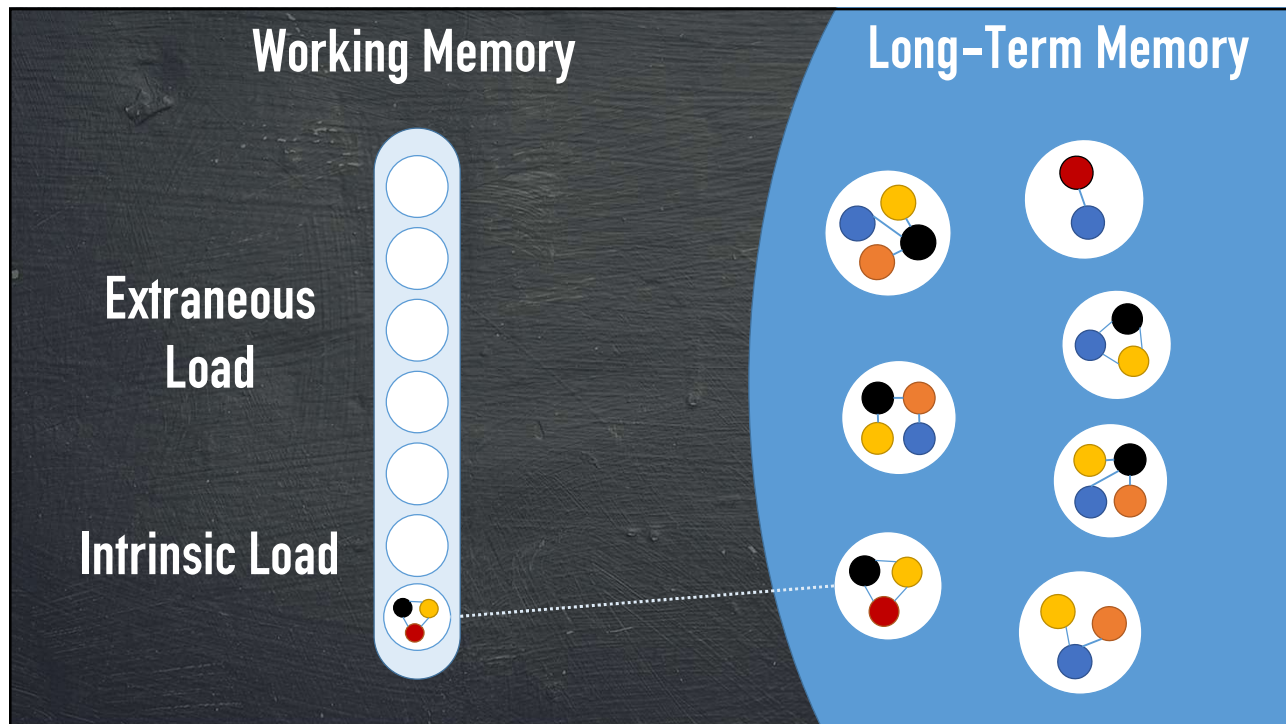
- Finding the right things to learn about;
- Applying what you learned;
- Getting to most out of your new knowledge;

Learning Through Tinkering

- Finding the right things to learn about;
- Applying what you learned;
- Getting to most out of your new knowledge;







“Technical implementations decay faster than the concepts they are based on”

Concepts don't decay as fast

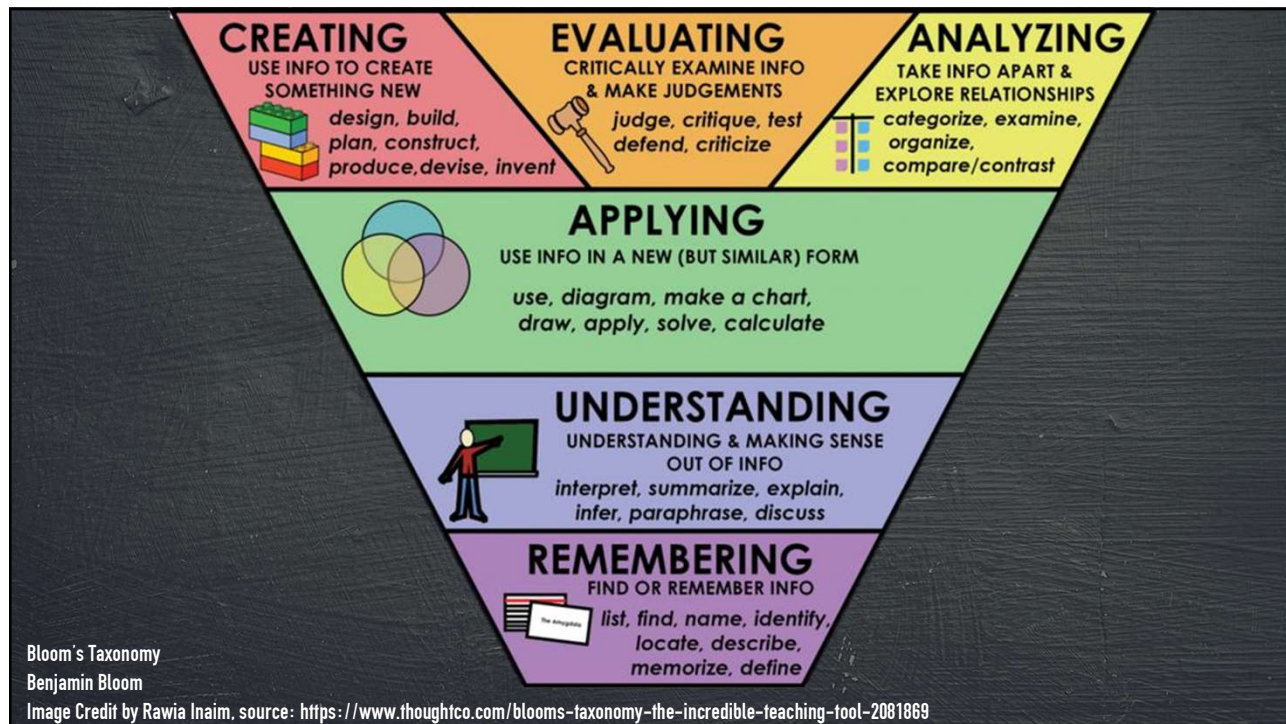
- Object Oriented Programming
- Functional Programming
- TDD
- DDD
- Design Patterns
- Clean Code





Learning Through Tinkering

- Finding the right things to learn about;
- Applying what you learned;
- Getting to most out of your new knowledge;

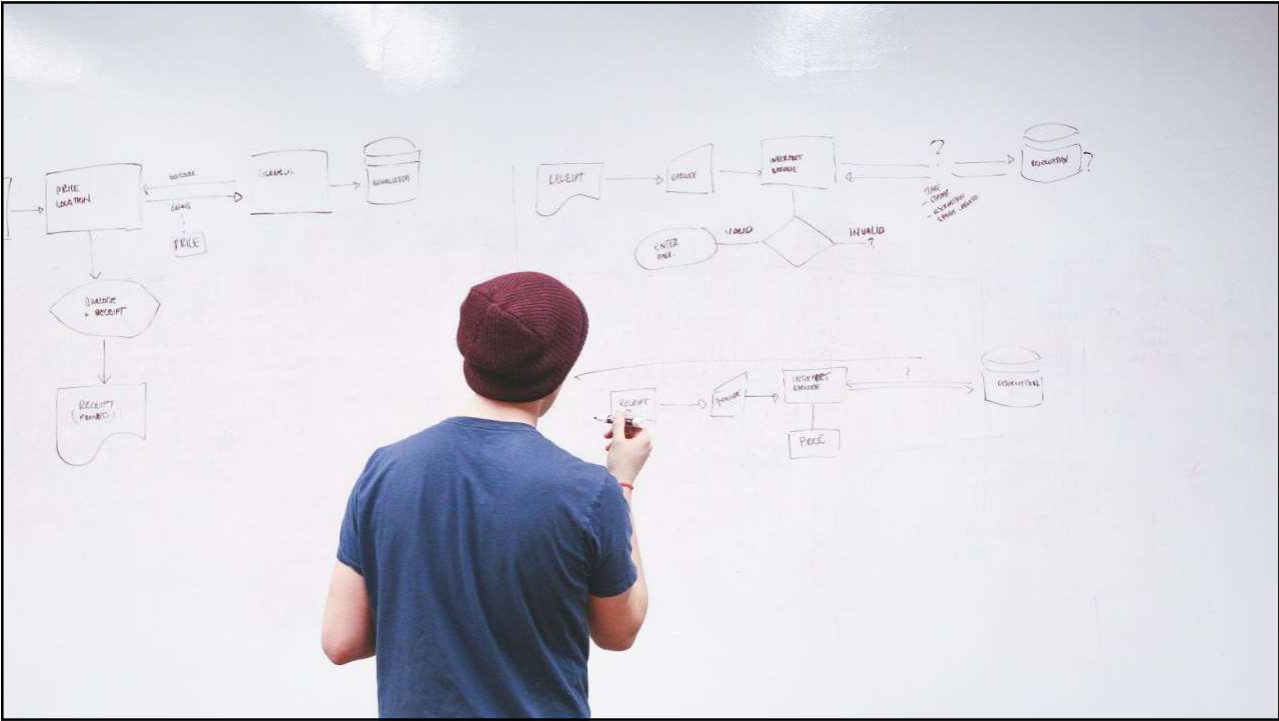


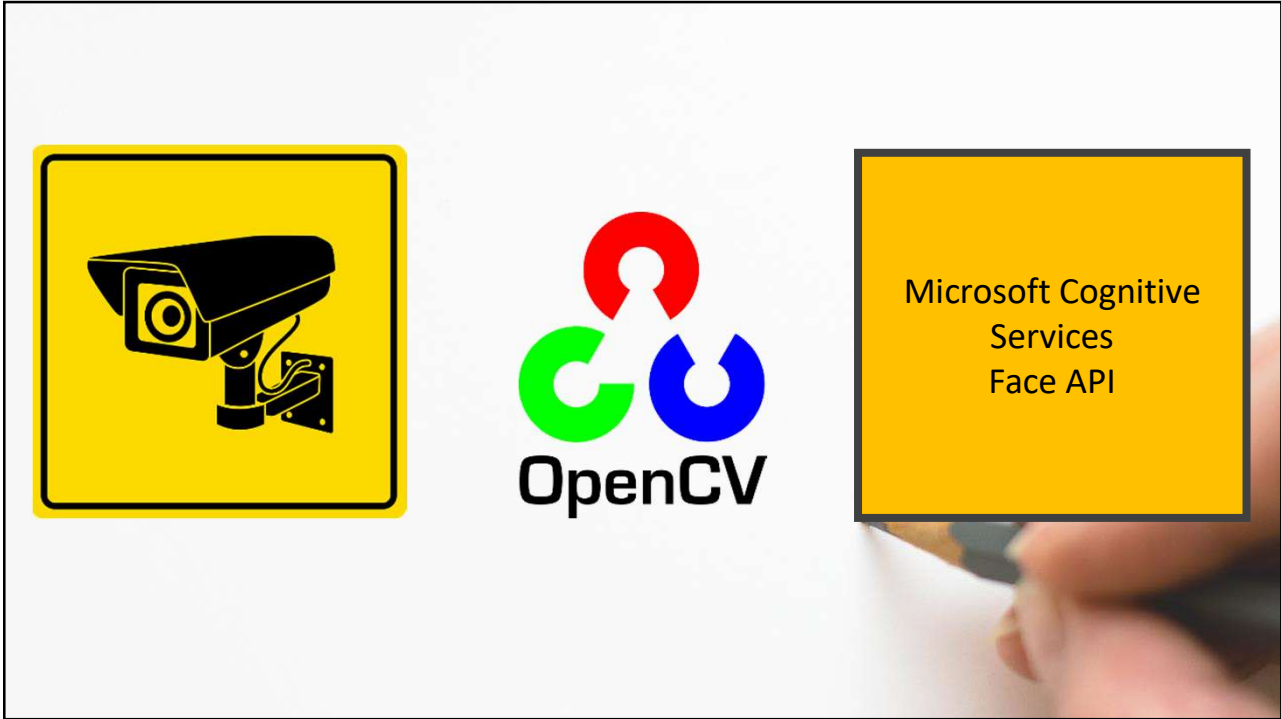
What is tinkering?

“Experimenting with ideas/frameworks
in an integrated environment
to fully understand their capabilities”









Microsoft Cognitive Services
Face API



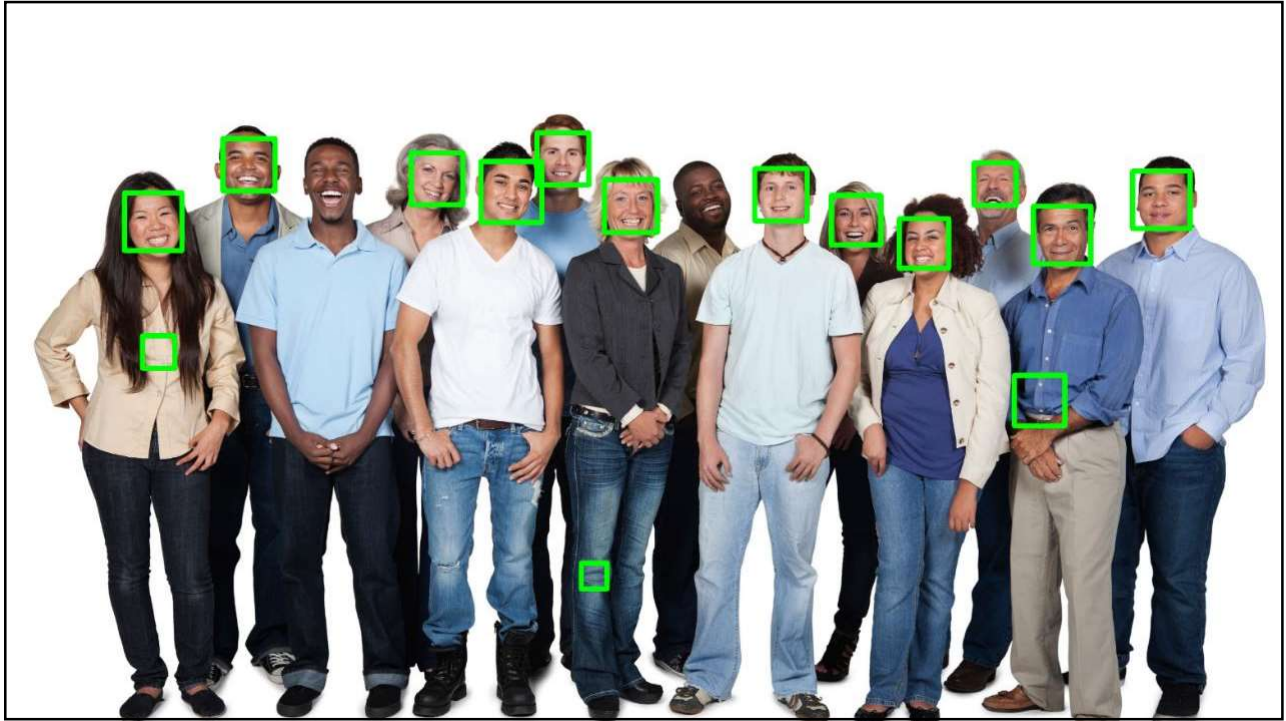
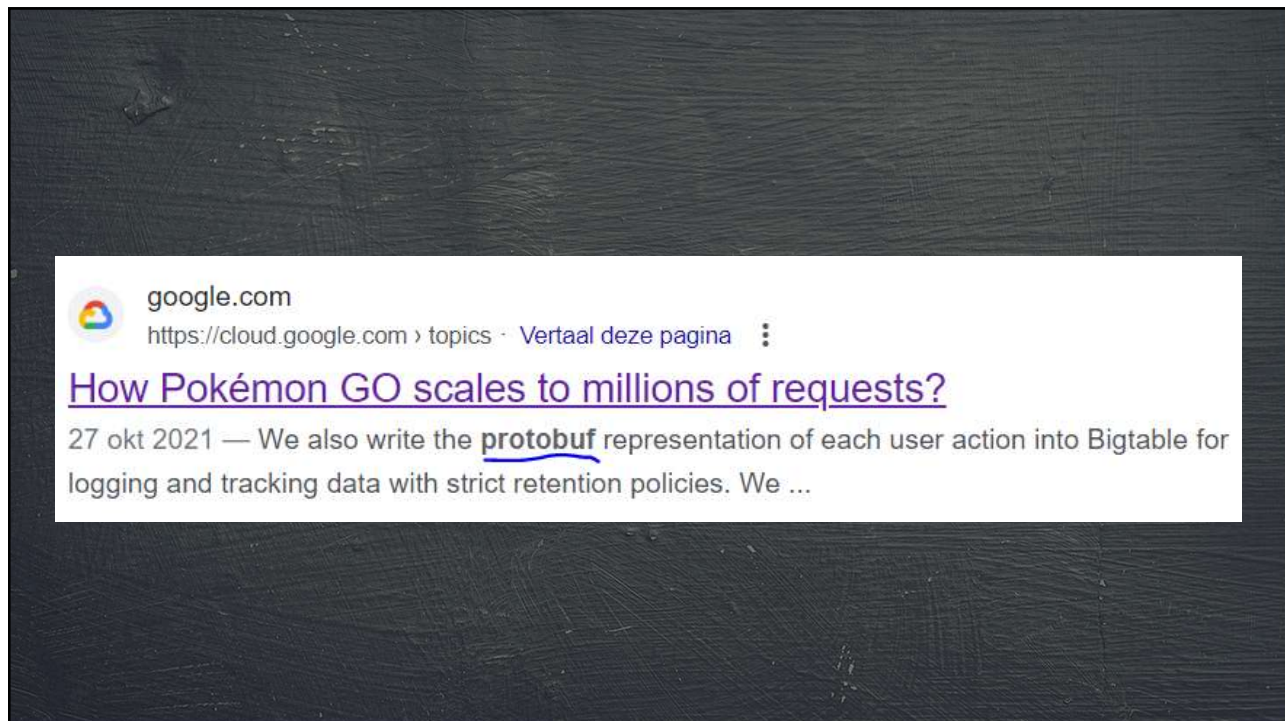
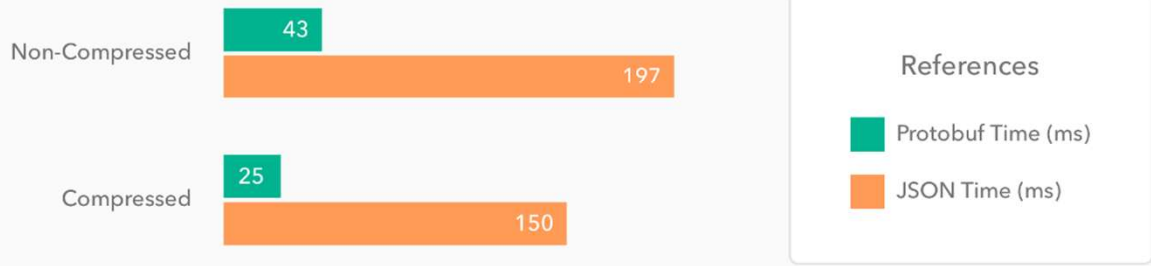




Image: CERN - ATLAS calorimeter
<http://cdsweb.cern.ch/record/910381#02>



Java to Java Communication

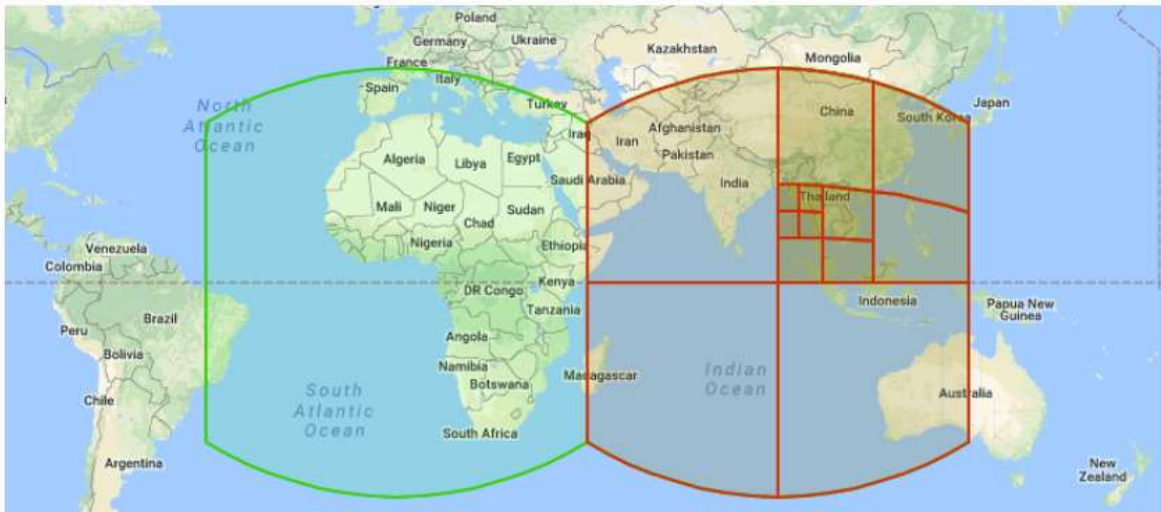


Source: <https://auth0.com/blog/beating-json-performance-with-protobuf/>

S2 Geometry

From: <http://s2geometry.io/>

Welcome to the S2 Geometry Library!







Character: "Chonk" by purr.in.ink
Twitter: @purrinink

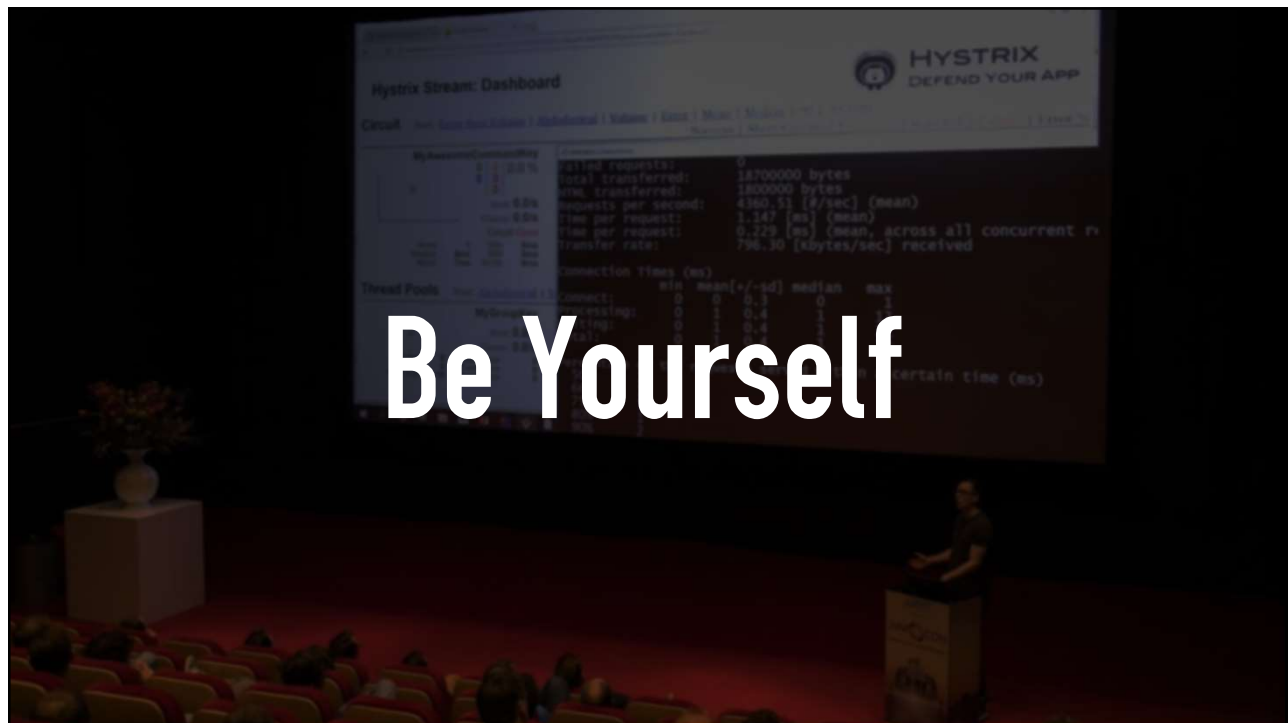


Alternative Approaches

Learning Through Tinkering

- Finding the right things to learn about;
- Applying what you learned;
- Getting the most out of your new knowledge;

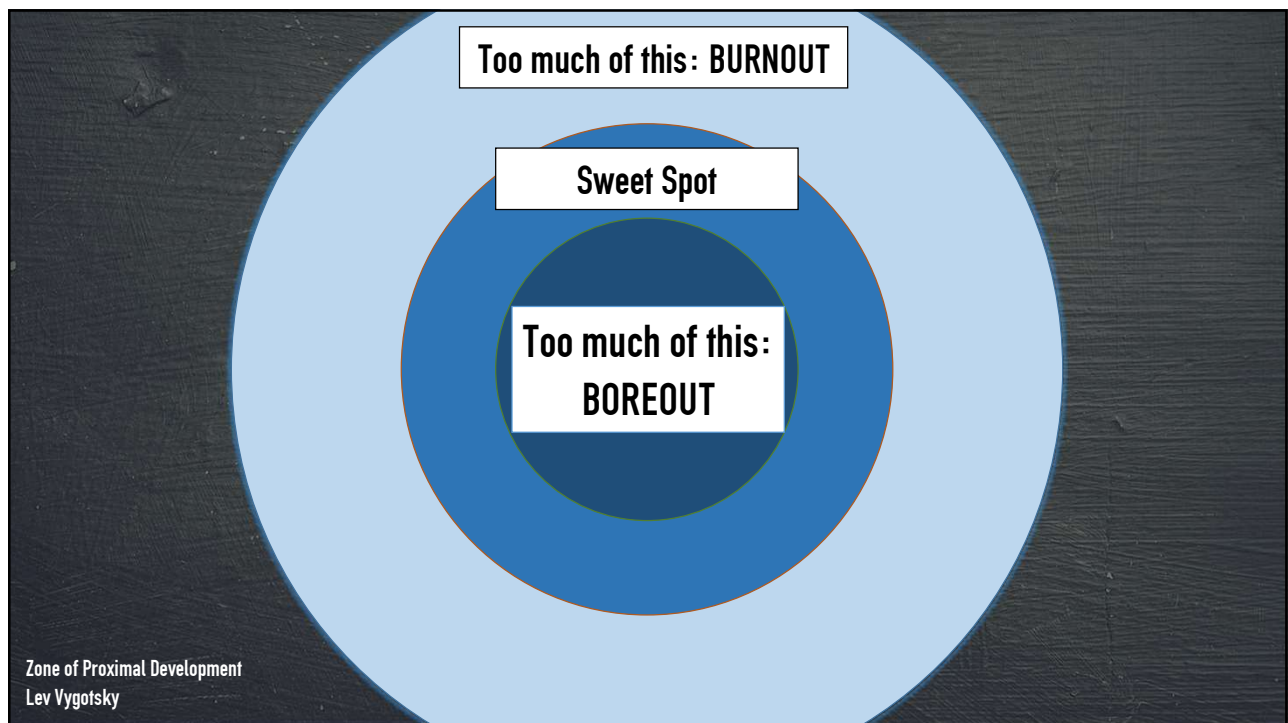
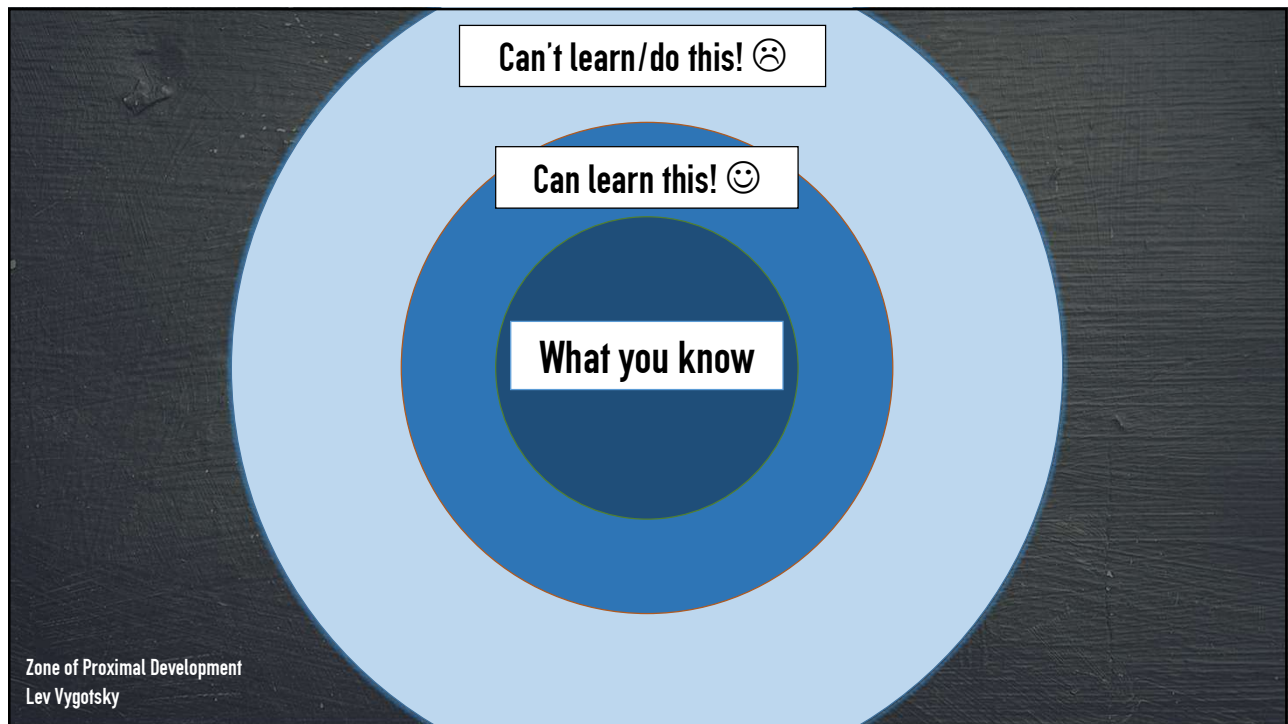
Share what you learned!





**“Who is responsible to update and maintain
your knowledge and skills?”**

You Are




Learning Through Tinkering

- Finding the right things to learn about;
- Applying what you learned;
- Getting the most out of your new knowledge;


Choose One Topic You've Seen

**GO TINKER WITH IT
AND SHARE WHAT YOU LEARNED!**

YouTube ^{BE}



THE OFFICIAL YOUTUBE CHANNEL OF
Bob Ross THE Joy of Painting



Bob Ross
1,897,404 subscribers

HOME VIDEOS **PLAYLISTS** COMMUNITY CHANNELS



Content: tomcools.be/finkering-devoxuk

Twitter/Mastodon: @TCoolsIT

Available for Questions or Remarks

Rate the session in the APP 😊

