Learning Rust with Humility

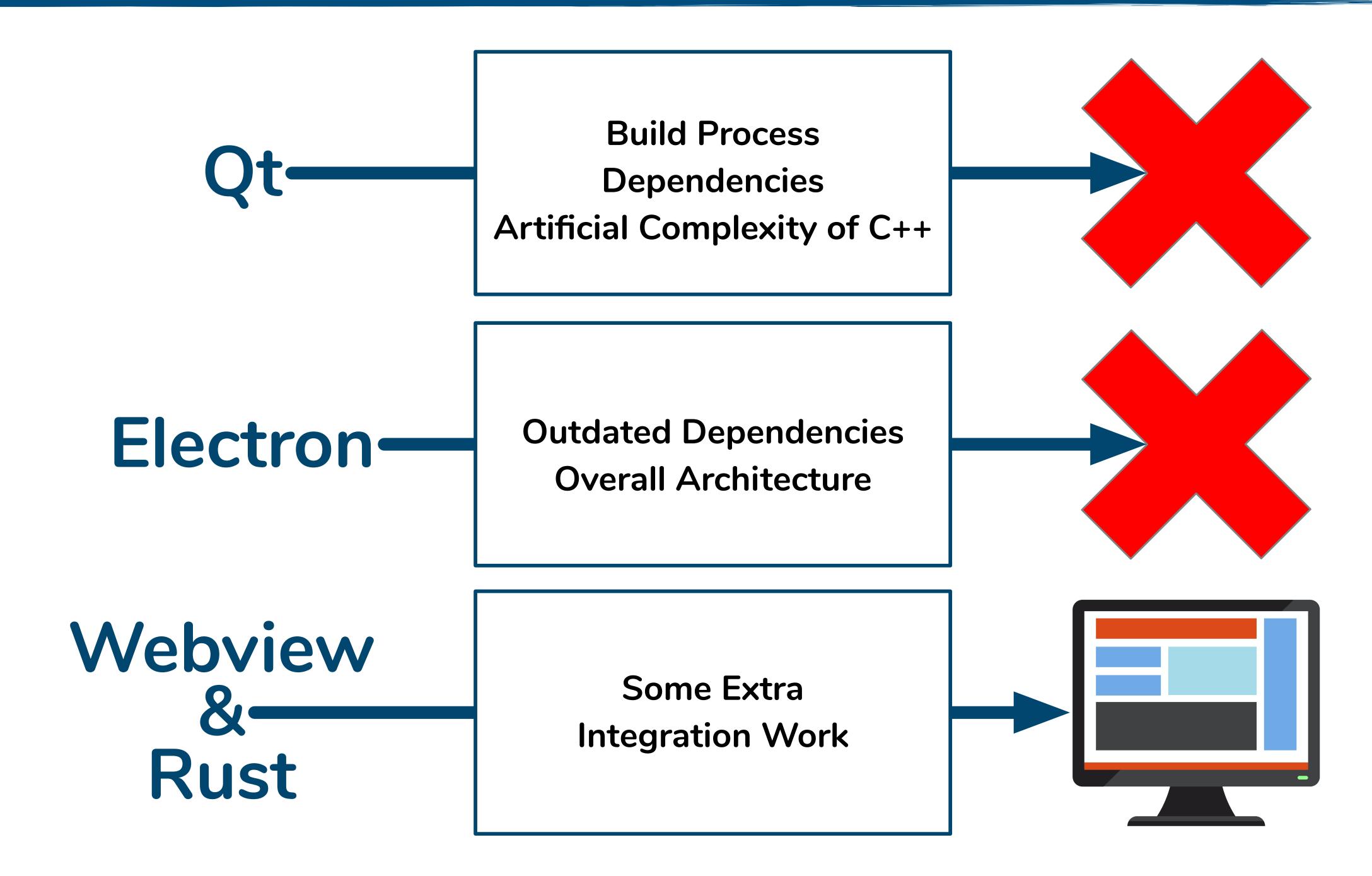
and Three Ideas



Stefan Baerisch, stefan@stbaer.com, 2020-11-07

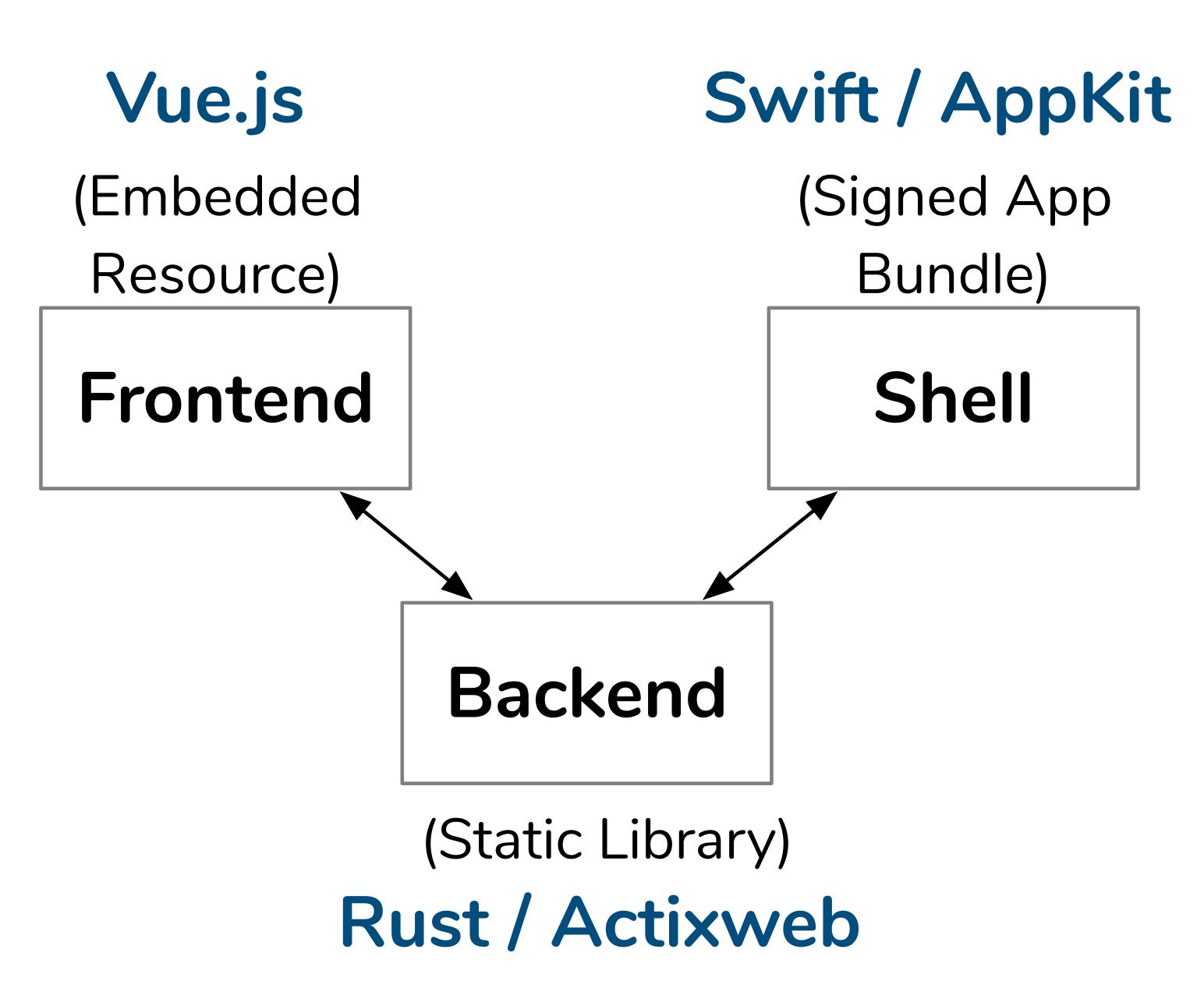
Know the Challenges

Building a Desktop App

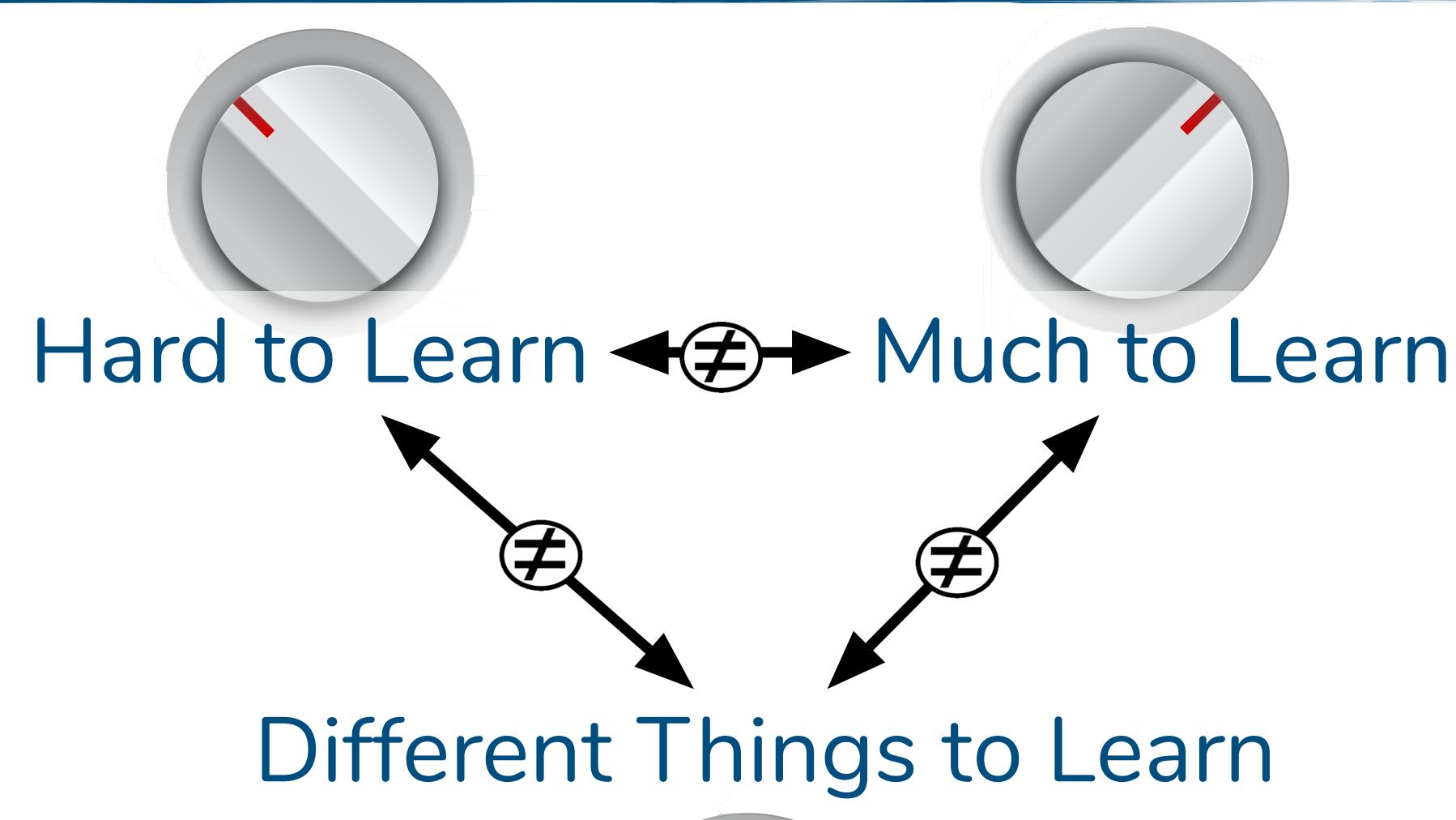


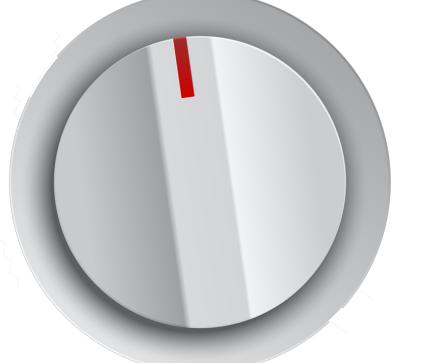
The App



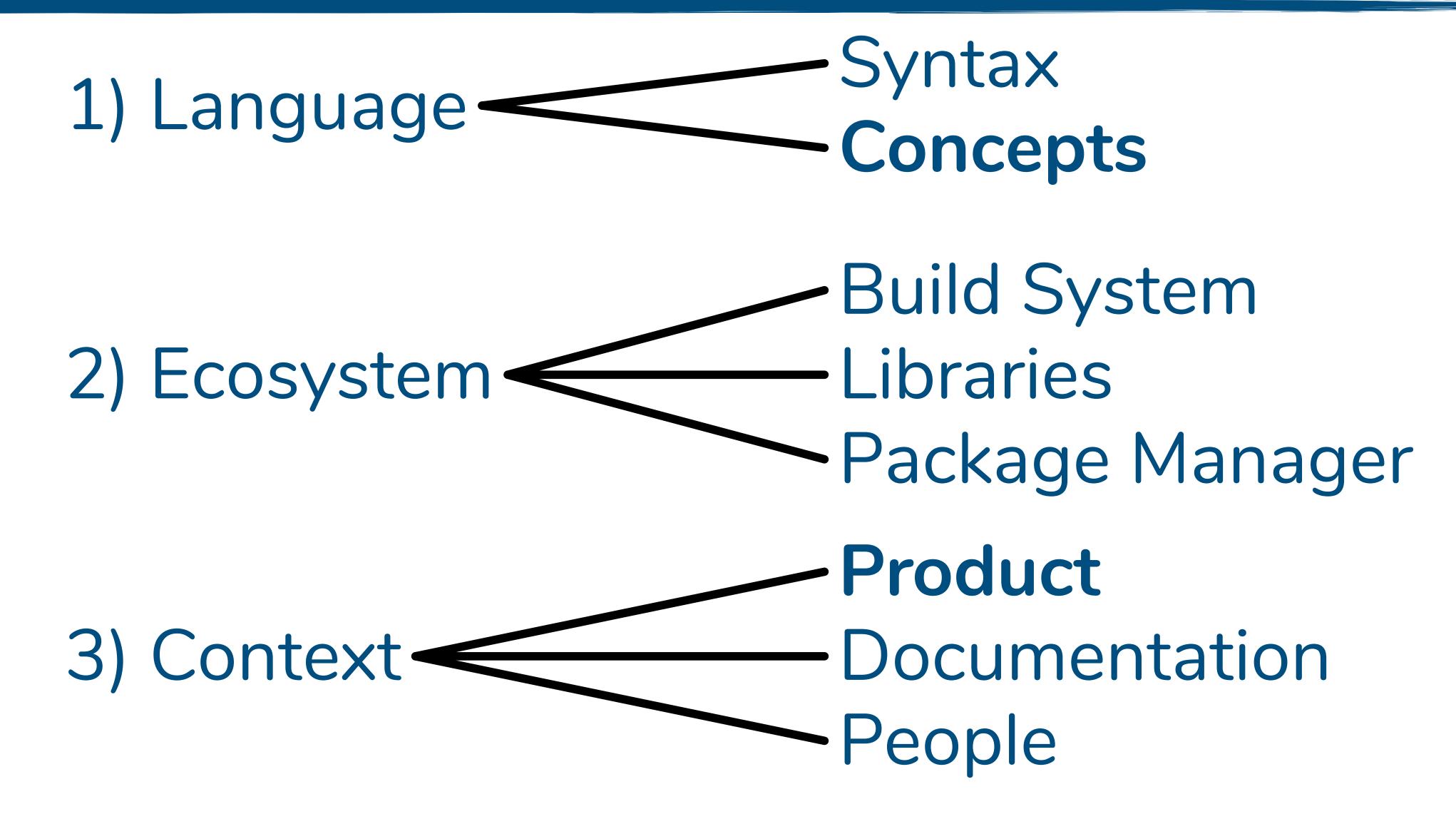


Lessons Learned from Learning



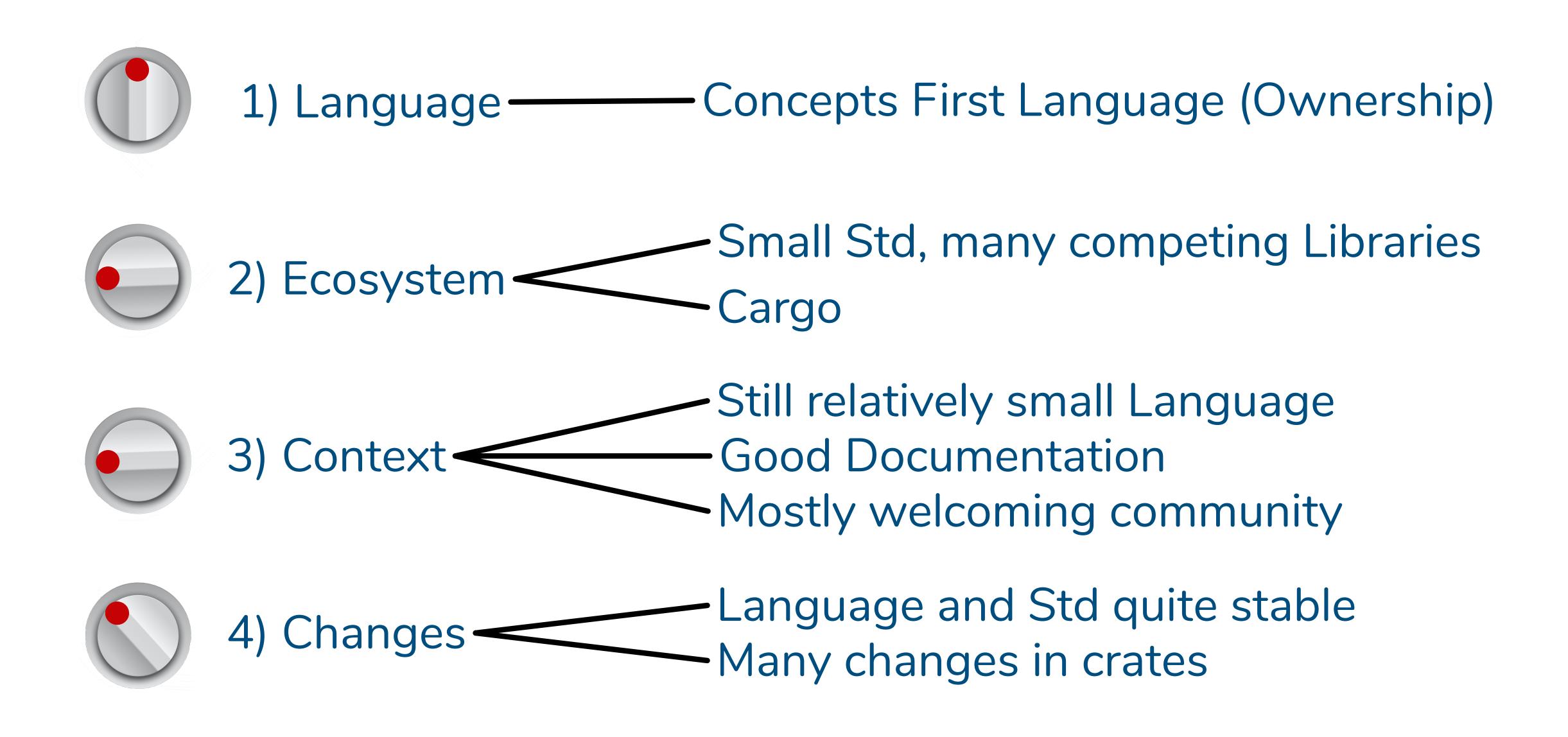


What makes Languages Hard to Learn

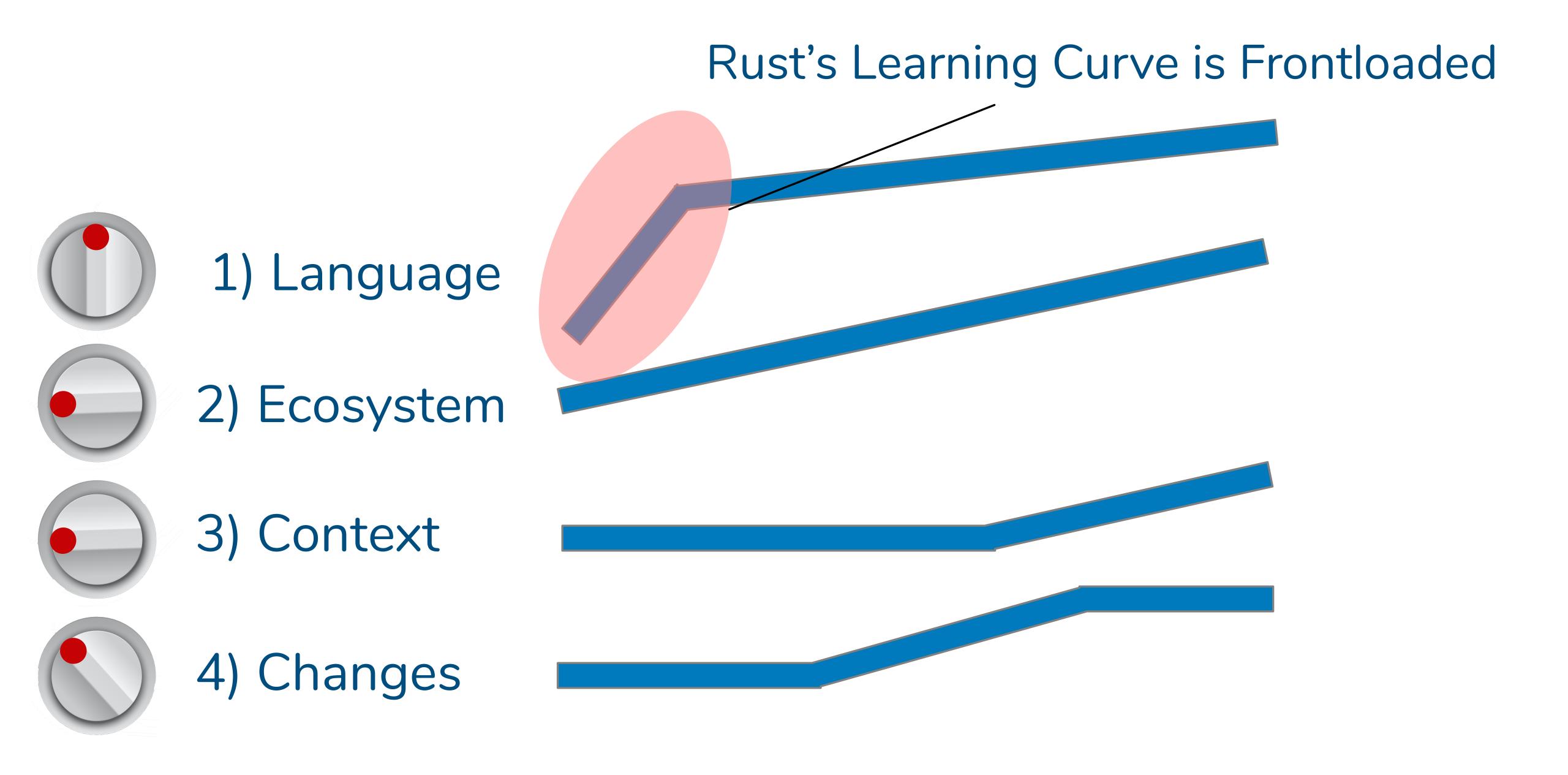


4) Changes

Rust as a Programming Language to Learn

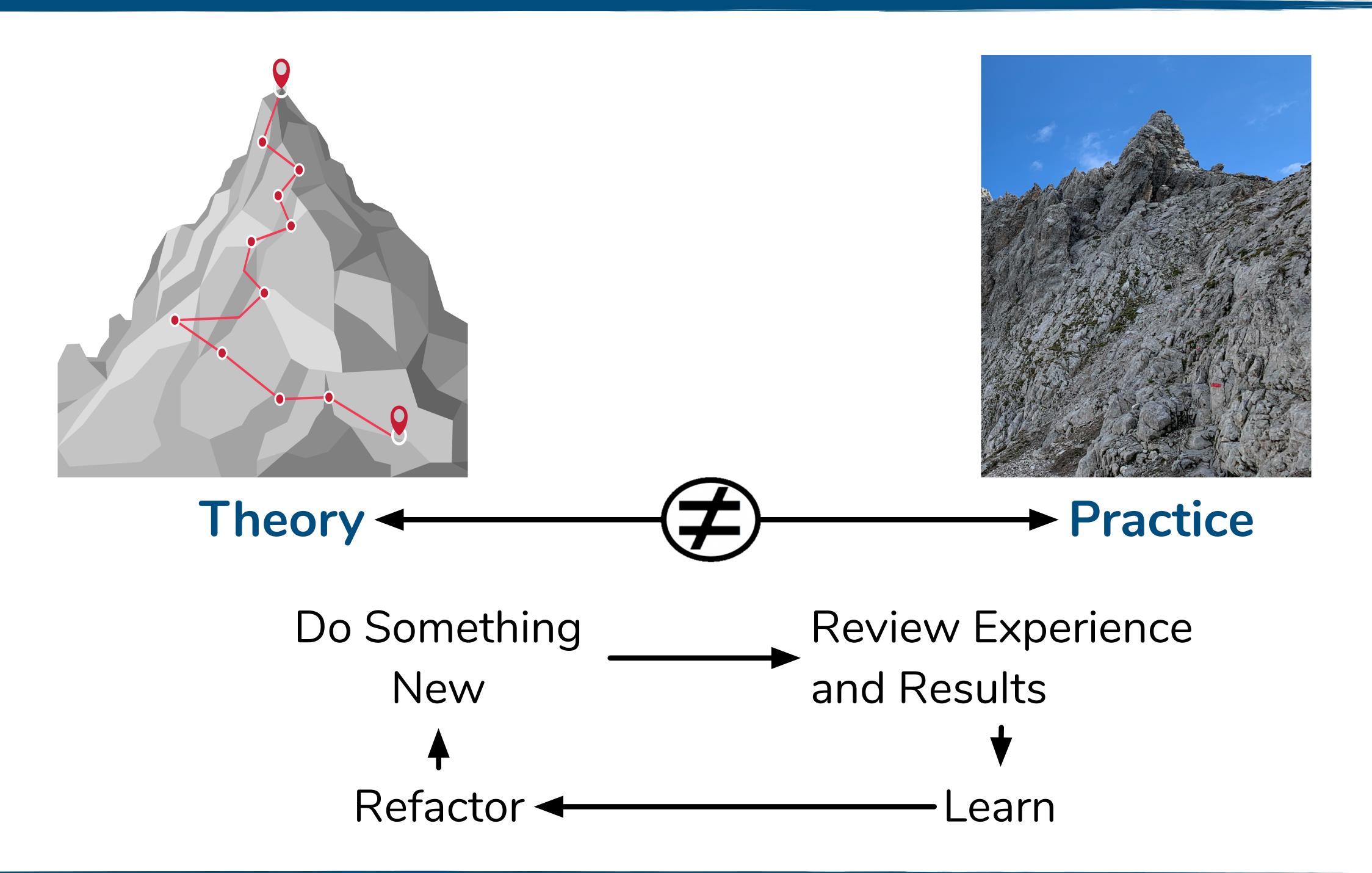


Learning Rust

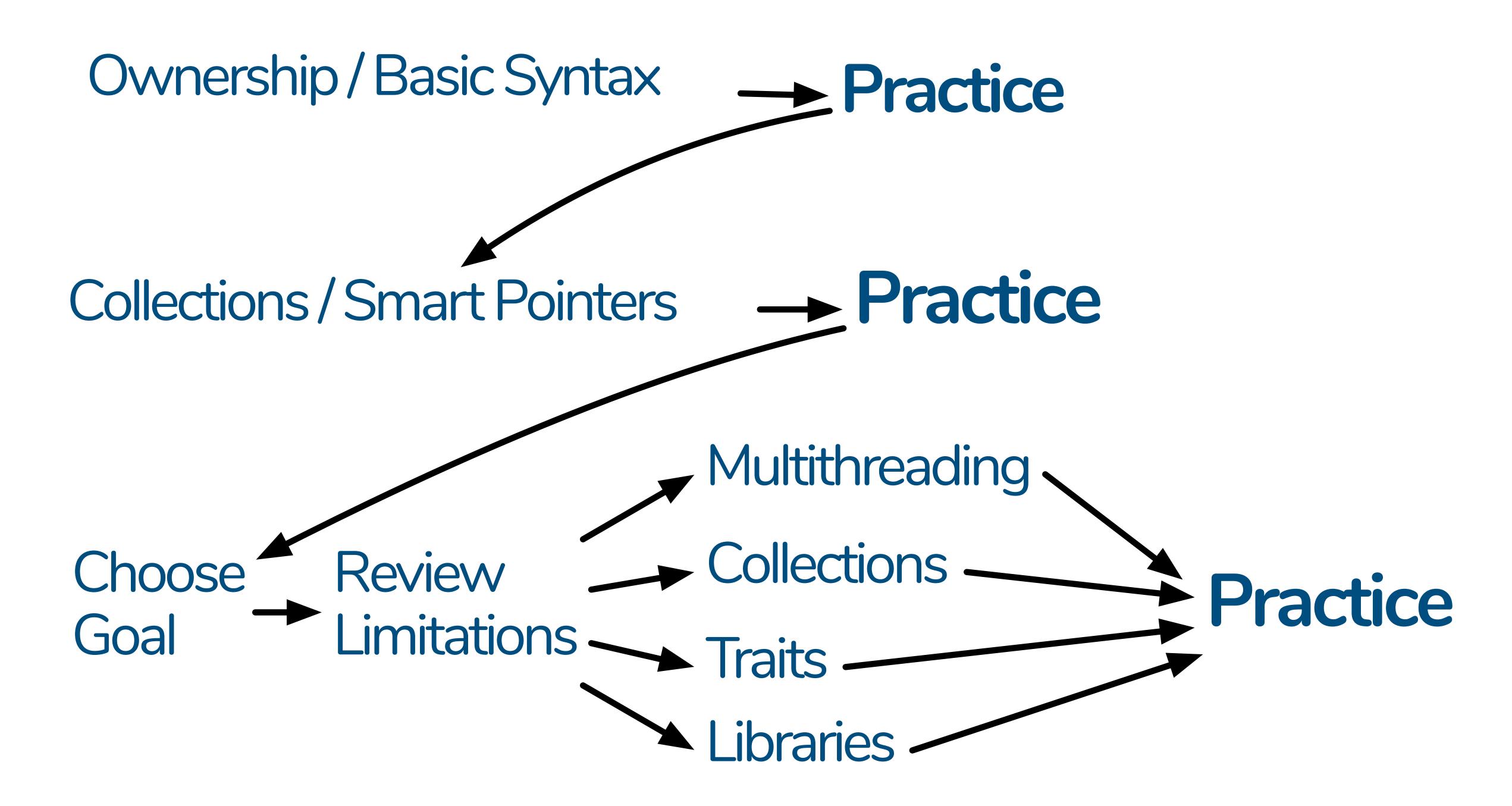


Mea 2 Practice

Lessons Learned from Learning

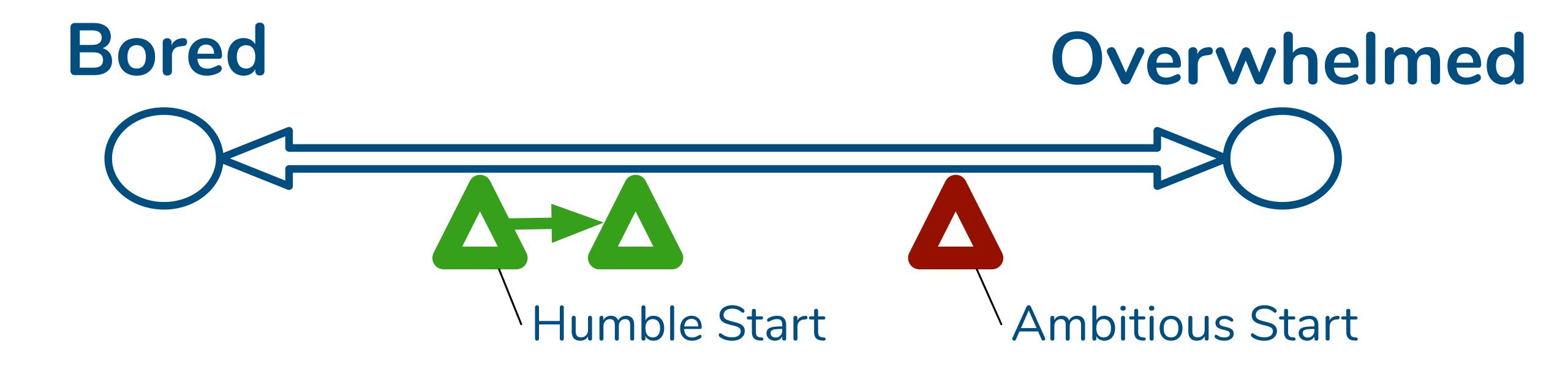


Rust Learning Roadmap



Aumility

Why Learning (with) Humility



It is more productive start humble, even if it is potentially less productive

Why Learning (with) Humility

Risky, potentially Humble, slow approach fast approach Difficulty Doing Concepts -Skill Areas

Humbly Learning Rust (1/2)

Simple Code is Ok (to start with)

if / else before match
write complex programs

Limited Code is Ok (to start with) std before crate

Inefficient Code is Ok (to start with) clone() sync I/O

Humbly Learning Rust (2/2)

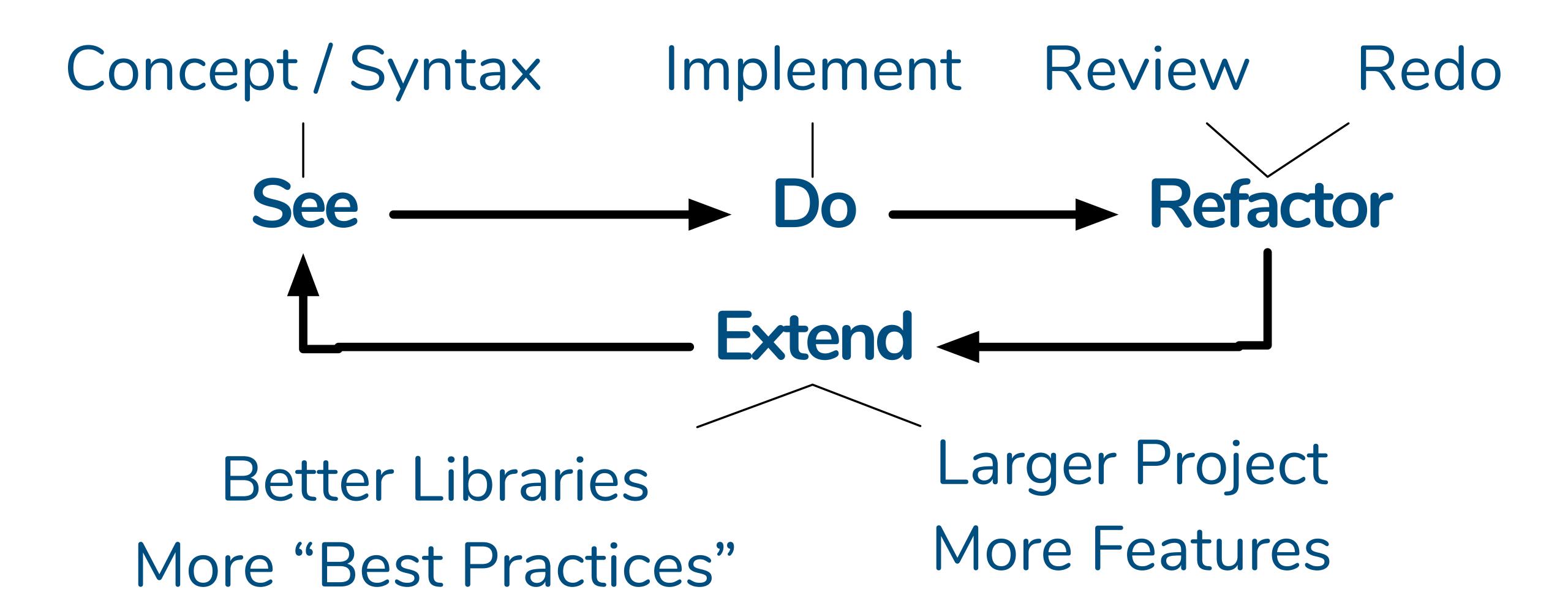
Unsafe Code is <u>not</u> Ok (to start with)
would make it harder to reason about the code

Boring is Ok (to start with)

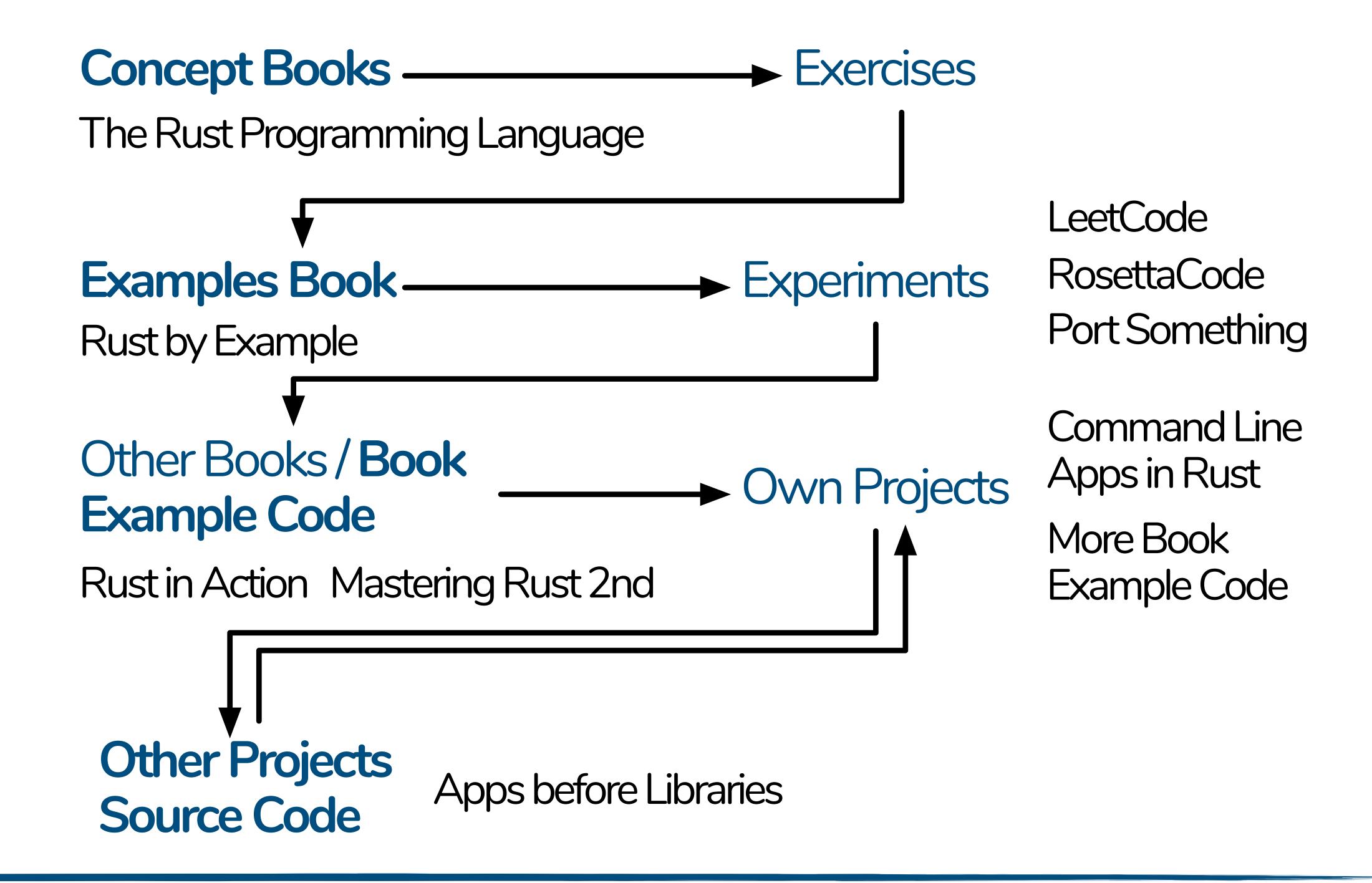
no non-std macros
no nightly

Small Steps are Ok (always)
gives a working state to step back to
keeps mental load low

Summary



Rust Learning Resources



Thank you!

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