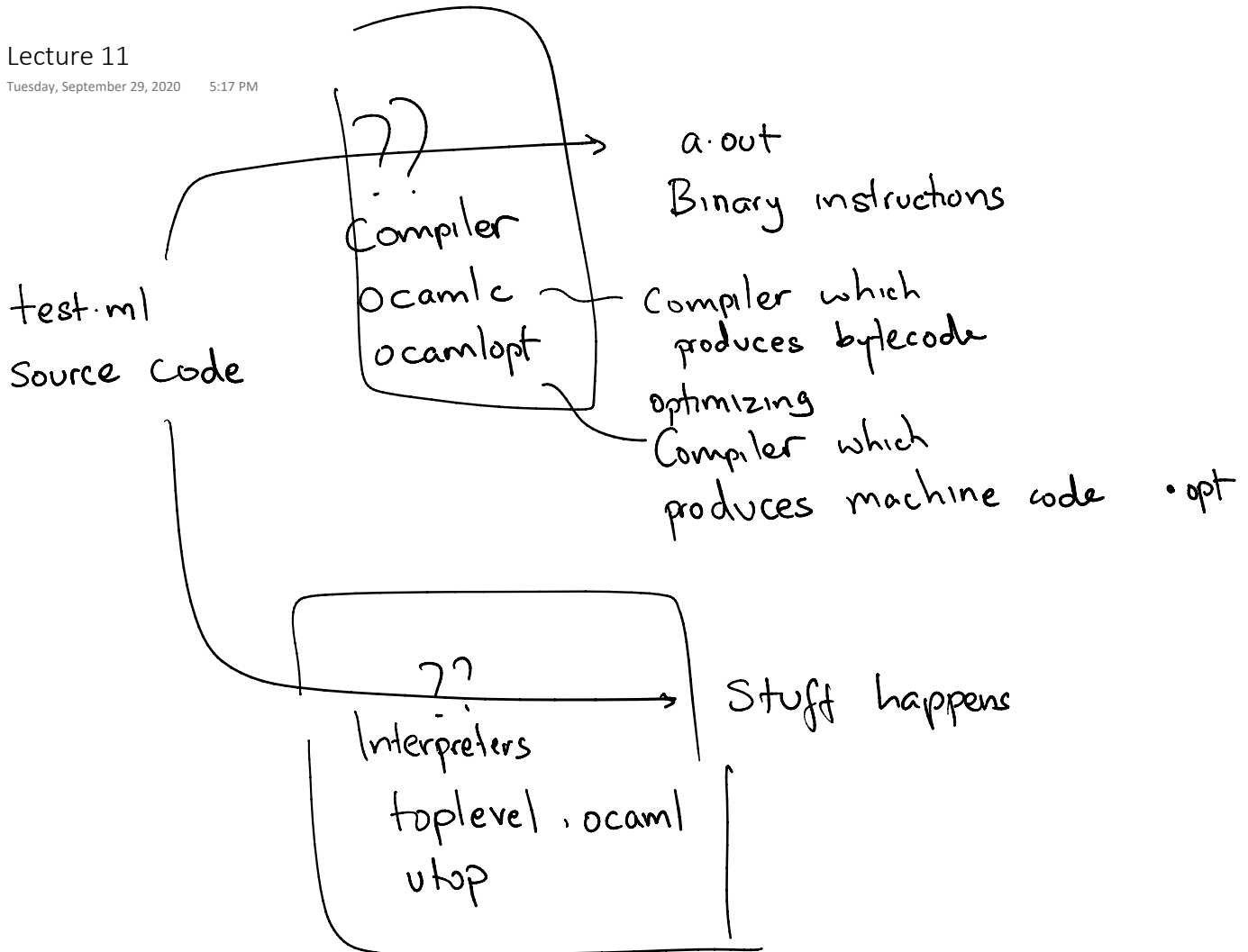


Lecture 11

Tuesday, September 29, 2020 5:17 PM



"Hosted" : Cpython "C"

Hotspot JVM "C++"

Javascript : SpiderMonkey } Rust?
v8 } C++

"Bootstrapped" : Compiler written its language

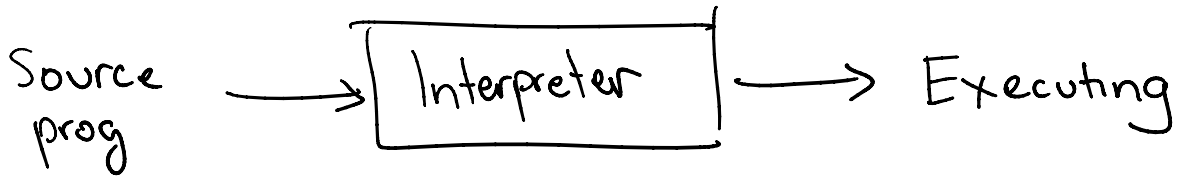
gcc/c gcc/c++

clang/c++ ocaml

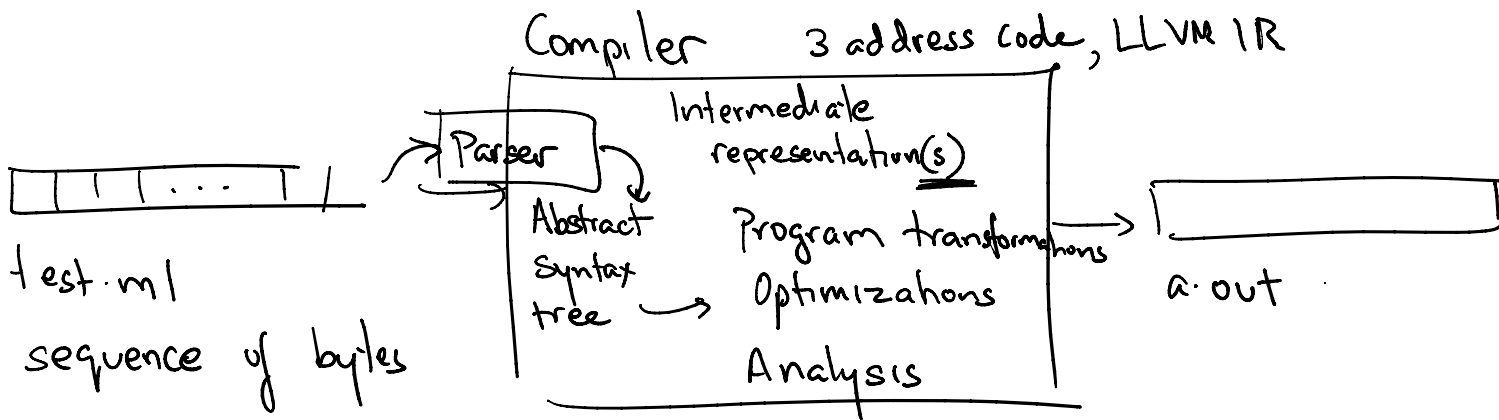
Rust : source code → IR → machine code

Krust : source code \rightarrow IR \rightarrow machine code
 Rust LLVM C++

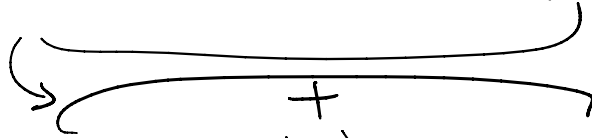
Bootstrapped interpreters



PyPy Rikes JVM



34 - 4 + (2 + 82)



Syntactic trivia disappeared

Whitespace
Comments

34 4 2 82