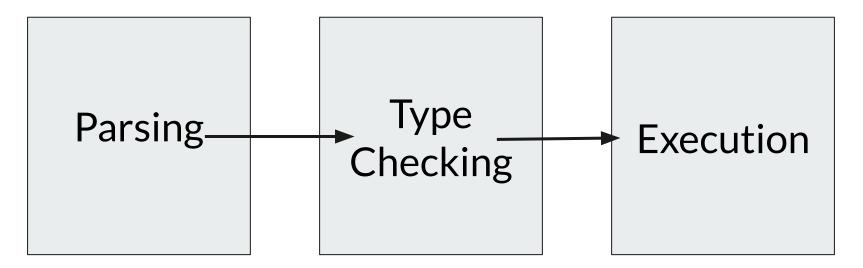
End-to-End Program Execution with CNNs

Dietrich Geisler, Not Skynet

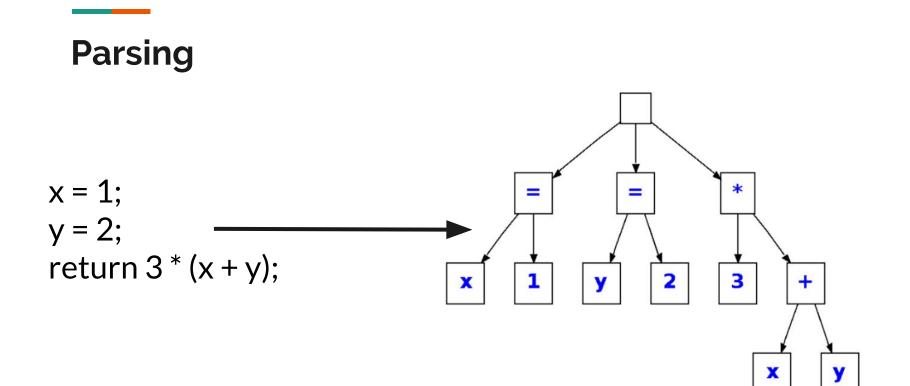


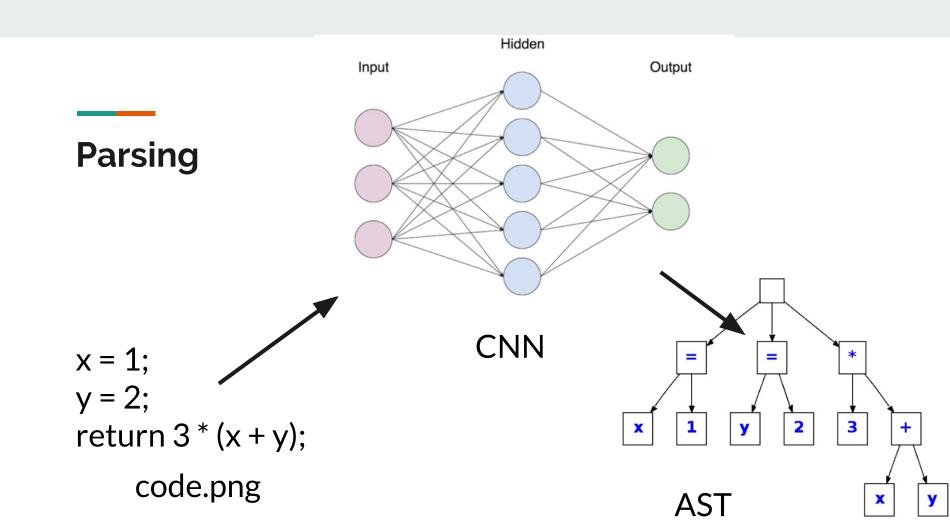
Programs: A Review



Neural Networks

[Insert stock explanation of what a neural networks is. Probably involves lots of lines and circles, maybe some pictures of numbers or robots or something]]]]]]







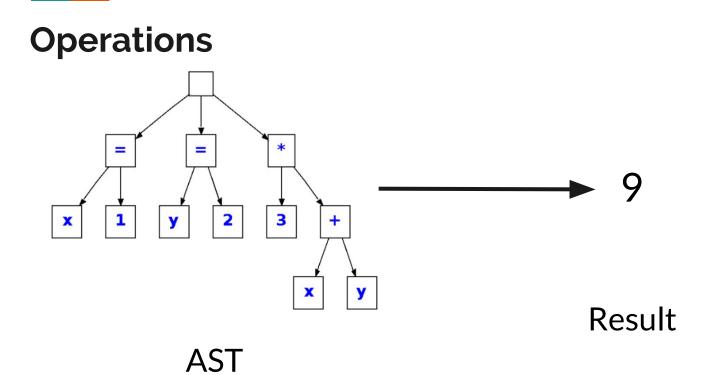
Type Checking

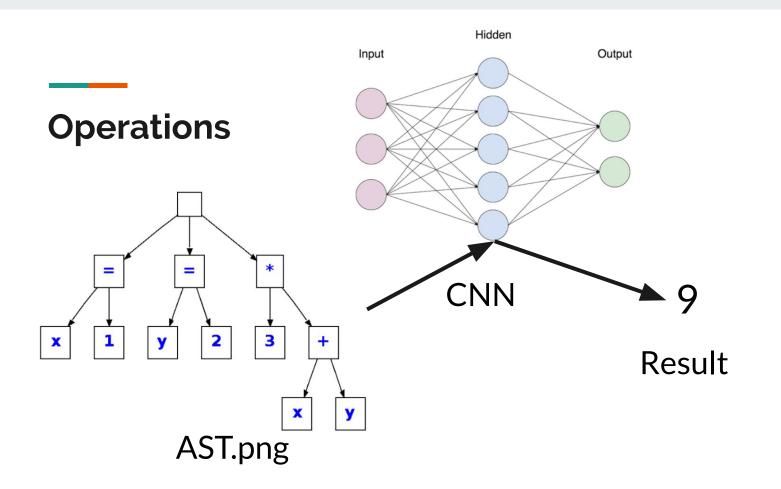
I heard this involves something called "safety" and "understanding what the code does"

Fortunately, NNs don't need either

Who needs type checking? We have neural networks



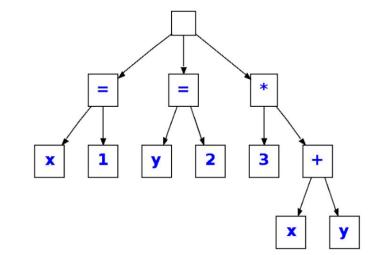


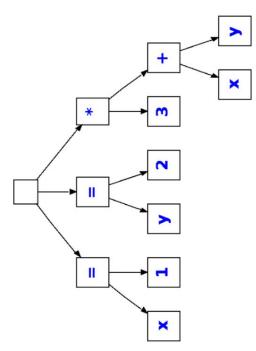


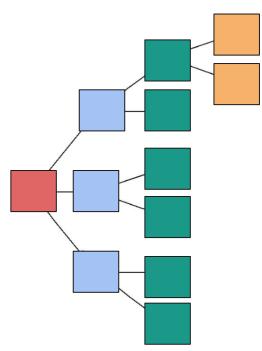
Who needs type checking? We have neural networks

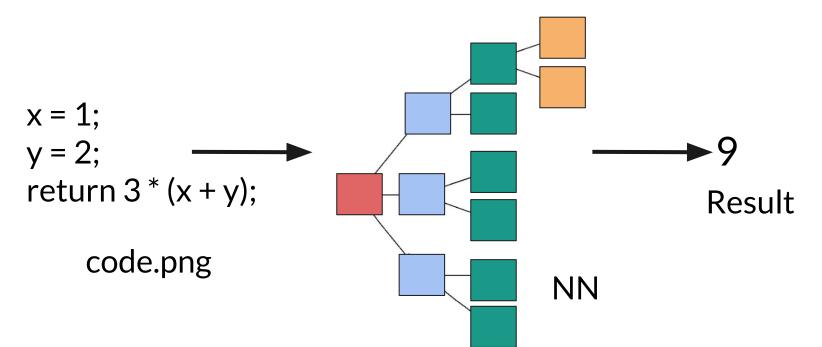
AST nodes as a neural network











Who needs type checking? We have neural networks

AST nodes as a neural network

Just let deep learning solve everything

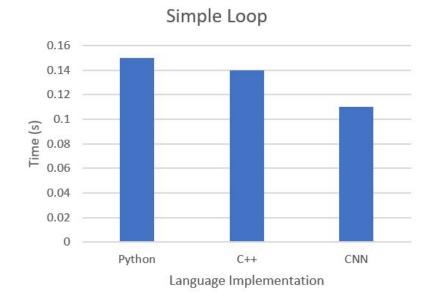


Codebase

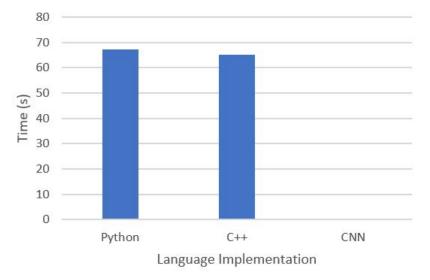
import deep_learning

def run(input):
print deep_learning.nn(input)

Results



Matrix-Matrix Multiplication



Questions

...will be directed to our QNN