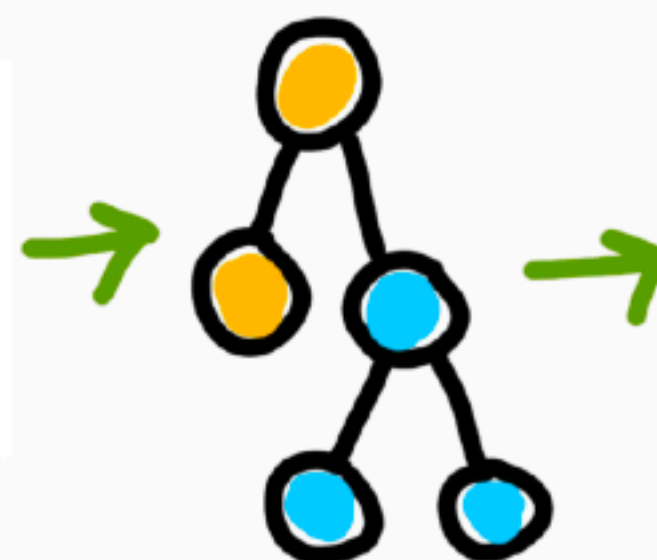




Works



We take your JS



Parse it



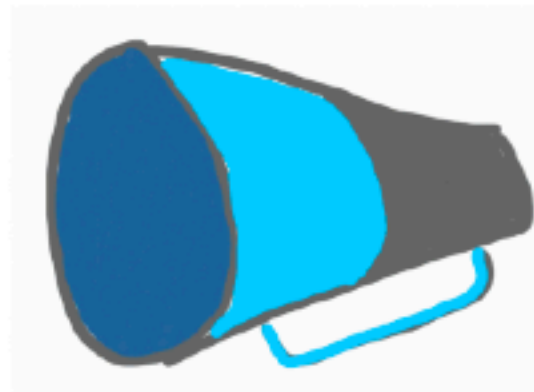
turn that into an

Abstract Syntax
Tree

TURBOFAN

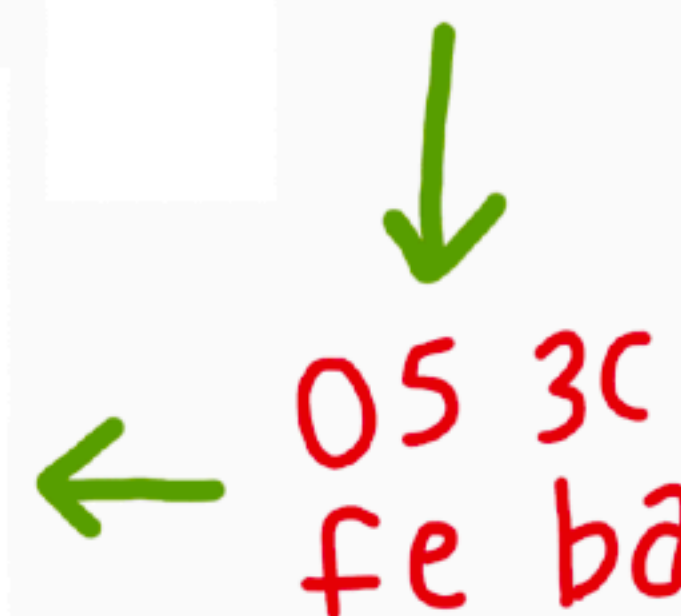


Optimize & Compile it

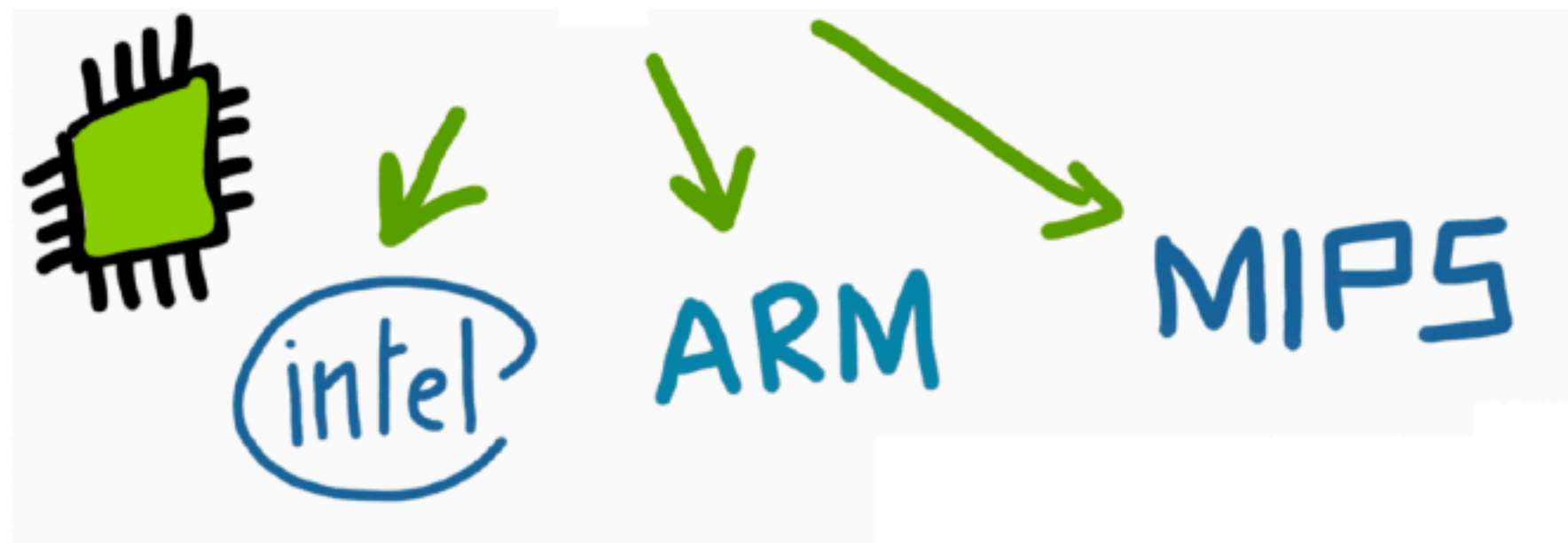


Get feedback

for speculative
optimisations

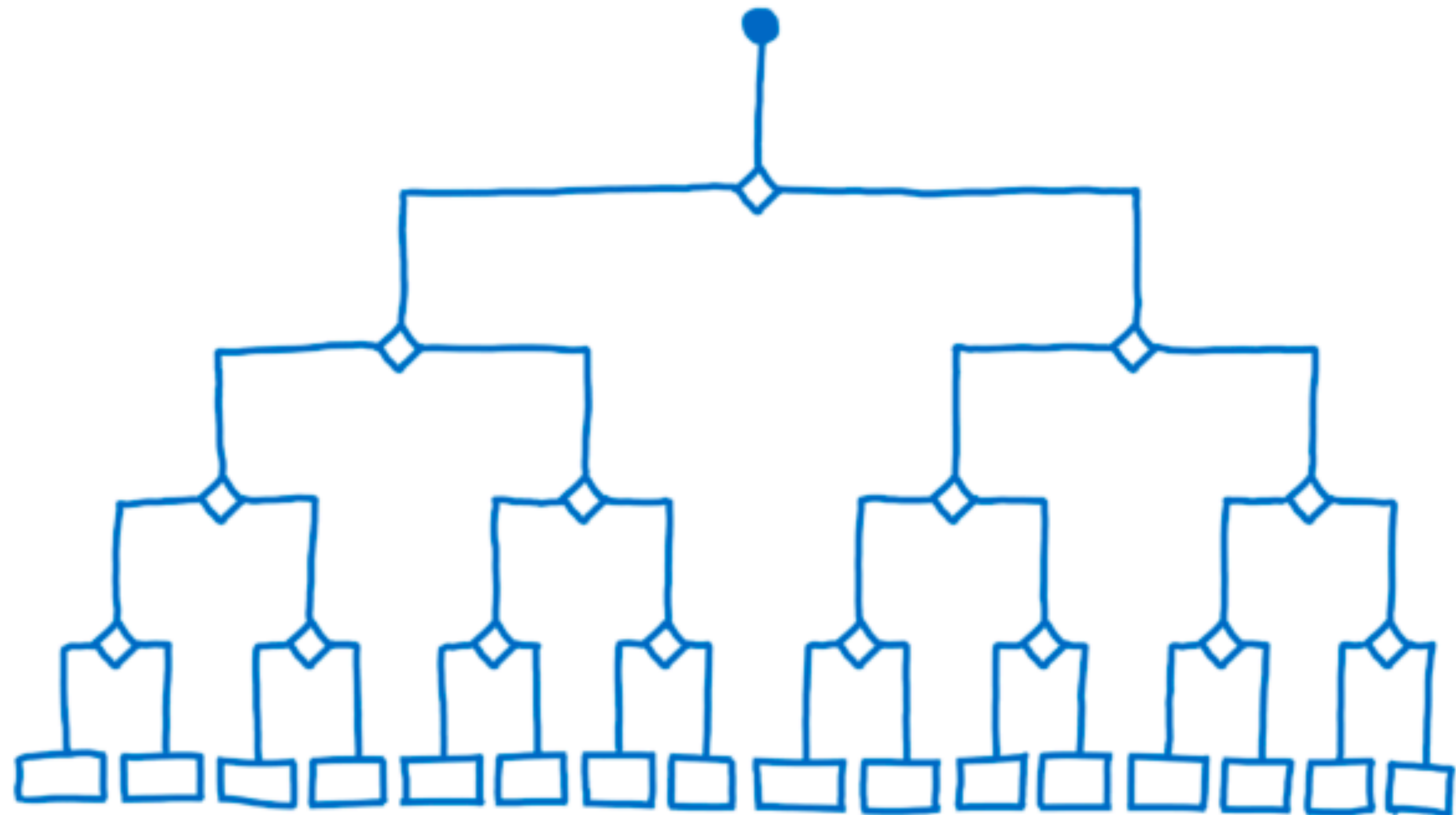


Generate
bytecode



then run your optimized code!

```
sum += arr[i]
```



is sum an int?

is arr an array?

is i an int?

is `arr[i]` an `int`?