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How can dynamically typed
JavaScript be so fast?

Just In Time (JIT) Compilation

Generate machine code during runtime,
not **ahead of time** (AOT).

Sourcecode

```
graph TD; A[Sourcecode] --> B[Parser]; B --> C[AST]; C --> D[Interpreter/Compiler]; D --> E[Machine Code];
```

Parser

AST

Interpreter/Compiler

Machine Code

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