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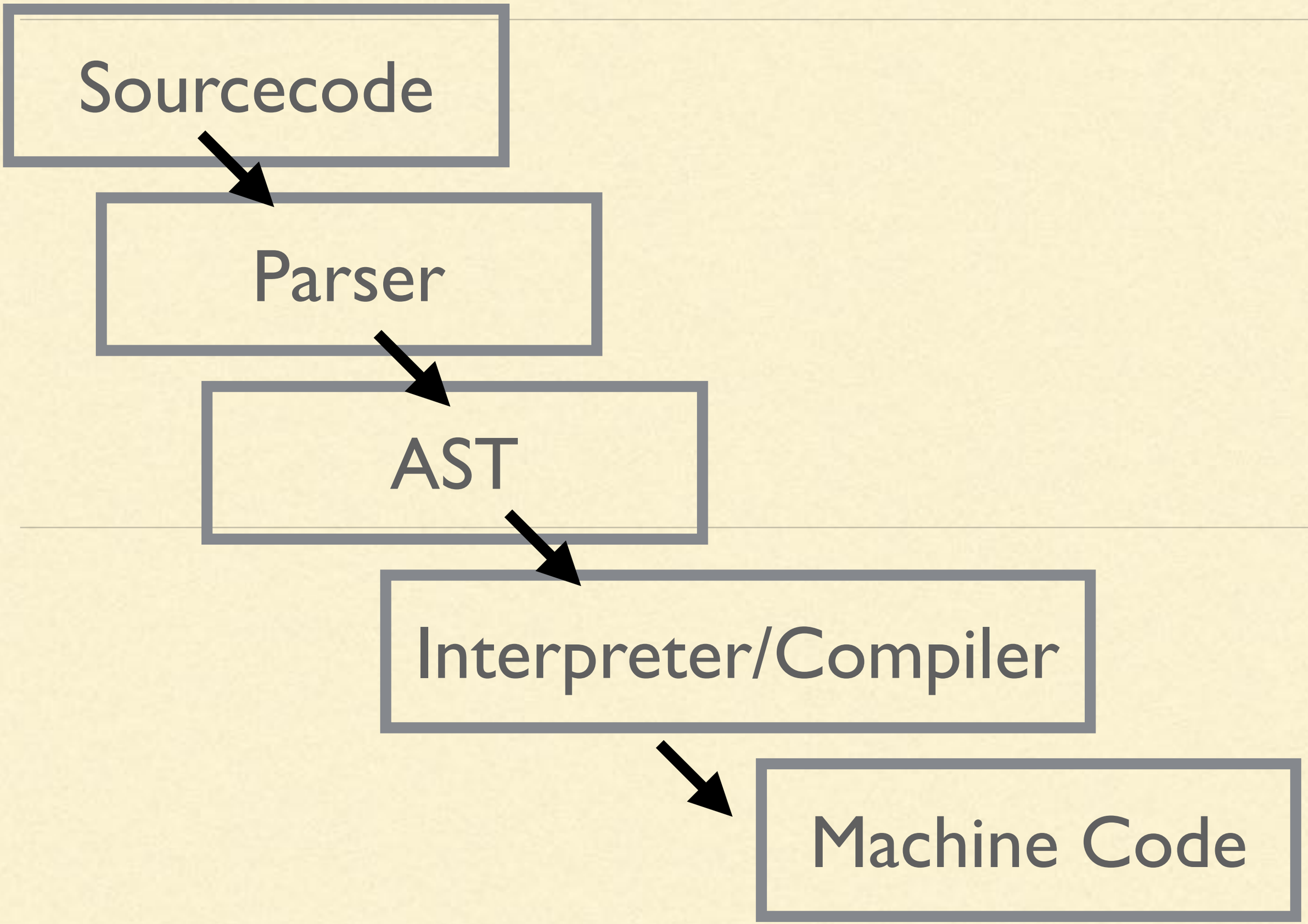
How can dynamically typed JavaScript be so fast?

Just In Time (JIT) Compilation

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


Sourcecode
Parser
AST
Interpreter/Compiler
Machine Code

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