

ART

Animation Rendering Tool



Programming Languages and Translators

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Why would you use ART?

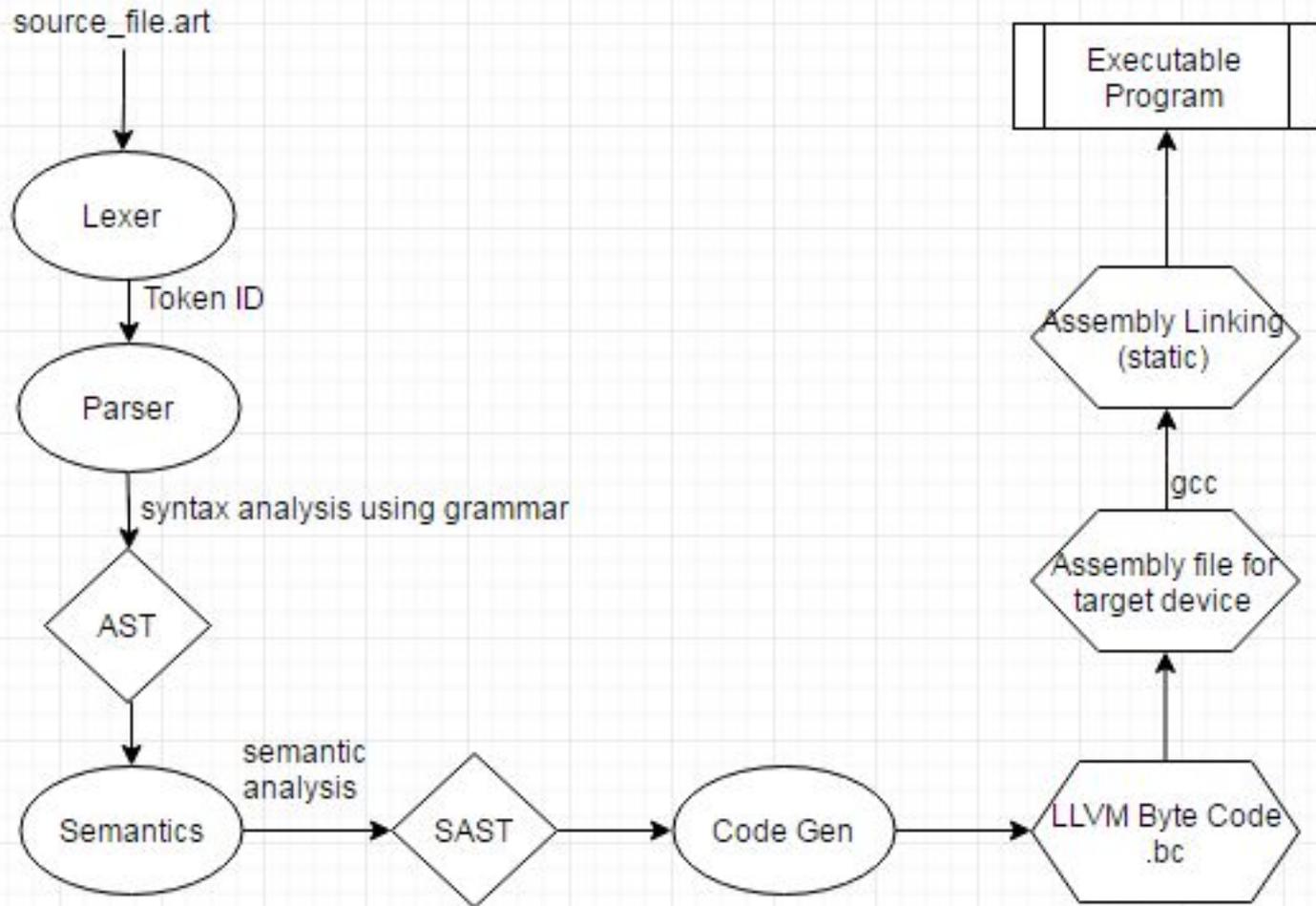
Animations are great for Everything!

- Education
- Simulations for research
- FUN!

Examples:

- Animate the planetary system
- Simulate properties of physics
- Draw simple drawings to demonstrate algorithms

How does ART work?



How did we work on it?

September 28	Project Proposal completed
October 8	First commit/development architecture setup
October 25	Language reference Manual completed
October 30	Lexer and parser completed
November 13	Code generation partially completed
November 15	Hello world code compiles
December 17	Semantics checking complete
December 18	Code generation fully completed.
December 18	Test suite (comprehensive) complete
December 19	Final report complete

- **Workflow:**
 - GitHub Repository
- **Preprocessing:**
 - Ocaml 4.02.3
- **Compilation:**
 - LLVM 3.8
- **Dev Tools:**
 - Sublime Text
 - Vim

DEMO TIME!