Glue Tool

- transpiles semantics specification to JS

- used in conjunction with Ohm-JS

- cat *transpiled grammar + transpiled JS semantics —> transpiler*

- use Ohm-JS to create a PEG parser for a mini-language for semantics transpiler (I call this the *glue* tool)

- "do 1 thing well"

  - simple spec —> JS code

- machine readable syntax allows for future extension via pipelining

  - ugly "human" syntax is ASCII to aid in alpha-level debugging

Easy Automation

- use Left handles

  - every "statement" begins with a unique character

  - ugly to read (human)

  - easy to parse (automatically)

  - early BASIC used this principle

    - e.g. assignment begins with `LET` instead of an identifier — parser can easily tell "what is coming"

  - easy to eye-ball and debug

  - can replace with more human-readable syntax later, after it works

    - but, why bother?

    - transform from human-readable syntax to machine-readable syntax and leave it in machine-readable form for future automation