

Gameplan (in order of priority)

Utilities

- Intake of rules
- Transformation of non-binary rules into binary rules
- Generation of new rules using optionality
- Generation of new rules using *

Sentence parsing

- Earley parser
- Transformation of binarized tree into non-binarized tree

Tree generation

- Take in a tree object and generate svg using `Luxor.jl`
- Create a tree creation website using svg generation
 - This will provide practice building MVC in Genie.jl and generation of trees

Sentence generation

- Generate random sentences using phrase structure rules
- Implement length cutoff in case of recursive rules

