

## Chapter 1

# Lint Rules Using the New Parser AST

### 1.1 Removing Left-Recursion: Revisited

YEET

### 1.2 Simplify Parser

\* Catch cases when user manually writes out a parser that is already defined in the library \* Apply parser laws, re-using Parser and Func representations to do cool things prettify = resugar . normaliseFunctions . simplify

### 1.3 Convert to Parser Bridge

\* This would be cool, idk if I have time though, but this should also piggyback off of Func \* the pos bridges don't actually exist, so we can ignore that case and just say its too much code synthesis \* shouldn't be too bad? idk \* indicate limitations that this will only work if the ADT is defined in the same file, in order to extend it