

# REFLECTION

## Changes Made

- Abstract Syntax Tree
  - Since the AST contained unnecessary keywords or nodes, I have:
    - Group key-value pairs instead of separating each key and value into separate “leaf” nodes
    - Nested objects are clearly distinguished by their parent label, with their children directly listed under them
    - Keywords like leaf or explicit mentions of dict/list are unnecessary because the hierarchy conveys this message
    - Added a feature to turn off the “annotate\_nodes” feature when printing the AST
- Documentation
  - Attribute Grammar
    - I have provided an attribute grammar and have described it since the feedback says that it is missing
  - Documenting changes
    - I have added more points in the Code Explanation section to reflect the changes I made for the AST construction