**Syntactic & Semantic Analyzer Class Diagram**

Syntactic & Semantic Analyzer

SymbolTable

Iava.tree.g

Defines the IAVA semantics

Iava.g

Defines the IAVA grammar

Based on

Generated by

Generated by

ErrorHandler

Handle compilation errors

IavaTreeParser

Automatically created by the Iava.tree.g

IavaParser

Automatically created by the Iava.g

IavaLexer

Automatically created by the Iava.g

Generated by

InputHandler

Get input file to compile and compile it (main class)