FuncSymbolTable

Syntactic & Semantic Analyzer

0…\*

IavaLexer

Automatically created by the Iava.g

IavaParser

Automatically created by the Iava.g

Generated by

Iava.g

Defines the IAVA grammar

IavaTreeWalker.g

Defines the IAVA semantics

SymbolTable

0…\*

Type

FullType

1

1

1

IavaTreeWalkerFunc.g

Defines the IAVA semantics

Based on

Based on

Generated by

Generated by

Generated by

IavaTreeWalkerFunc

Automatically created by the IavaTreeWalkerFunc

.g

IavaTreeWalker

Automatically created by the IavaTreeWalker.g

1

1

1

1

ErrorReportet

Handle compilation errors

InputHandler

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

ErrorMessage

PrintErrorHandler

Implements IErrorHandler interface

IErrorHandler

Handle inform compilation errors