

Symbol Table
-symbols: HashTable
+SymbolTable() +add(String, IDType, NumType): boolean +isProgram(String): boolean +isVARIABLE(String): boolean +isARRAY(String): boolean +isFunction(String): boolean +isProcedure(String): boolean

PascalParser
-scanner: Scanner -currentToken: TokenType
+PascalParser(String) +program(): void +identifier_list(): void +declarations(): void +type(): void +standard_type(): void +subprogram_declarations(): void +subprogram_head(): void +arguments(): void +parameter_list(): void +compound_statement(): void +optional_statements(): void +statement_list(): void +statement(): void +variable(): void +procedure_statement(): void +expression_list(): void +expression(): void +simple_expression(): void +simple_part(): void +term(): void +term_part(): void +factor(): void +sign(): void +match(): void +error(): void

Scanner
-type: TokenType -lexeme: String -input: PushbackReader -lookup: LookupTable
+Scanner(File) +nextToken(): boolean +getToken(): TokenType +getLexeme(): String

IDInfo (from Symbol Table)
+idType: IDType +numType: NumType +ia: int +iz: int
+IDInfo(IDType, NumType) +IDInfo(IDType, NumType, int, int)