

src

TypeFinder

+ DIRECTORY_PATH : int
 + VALID_ARGUMENT_COUNT : int
 - directory : String
 - java_file_as_string : List<String>

- initFinder(args : String []): boolean
 + main(arg : String[])
 - getConfiguredASTParser() : ASTParser

JavaJarFileReader

- isJavaFile(fileName : String) : boolean
 - isJarFile(fileName : String) : boolean
 + getAllFilesToString(dirPath : String) : ArrayList<String>
 + extractJarFile(jarFile : String, destDir : String) : Void
 + getJarFileNames(dirPath : String) : ArrayList<String>
 + getAllJarFileNames(currDirectory : File) : ArrayList<String>
 + getJavaFileContentToString(file : String) : String
 + getJavaFileNames(dirPath : String) : ArrayList<String>
 + getAllJavaFileNames(currDirectory : File) : ArrayList<String>

TypeVisitor

types : ArrayList<String>
decCounter : HashMap <String, Integer>
refCounter : HashMap<String, integer>

+ TypeVisitor()
 + postVisit(node : AbstractTypeDeclaration) : void
 - addTypeToList(type : String)
 - incDecCount(type : String)
 - incRefCount(type : String)
 + visit (node :) : boolean <<override>>

org.eclipse.jdt.core.dom

ASTVisitor

+ visit(node :) : boolean
 + endVisit()
 + preVisit()
 + postVisit()

AST

+ createInstance()
 + newAST()
 + newName()

ASTParser

+ K_COMPILATION_UNIT

+ createAST()
 + newParser(int : Level)
 + setKind(int : Kind)
 + setSource()
 + createASTs()

ASTNode

+ accept(visiter : ASTVisitor)
 + delete()
 + equals(obj : Object)

CompilationUnit

