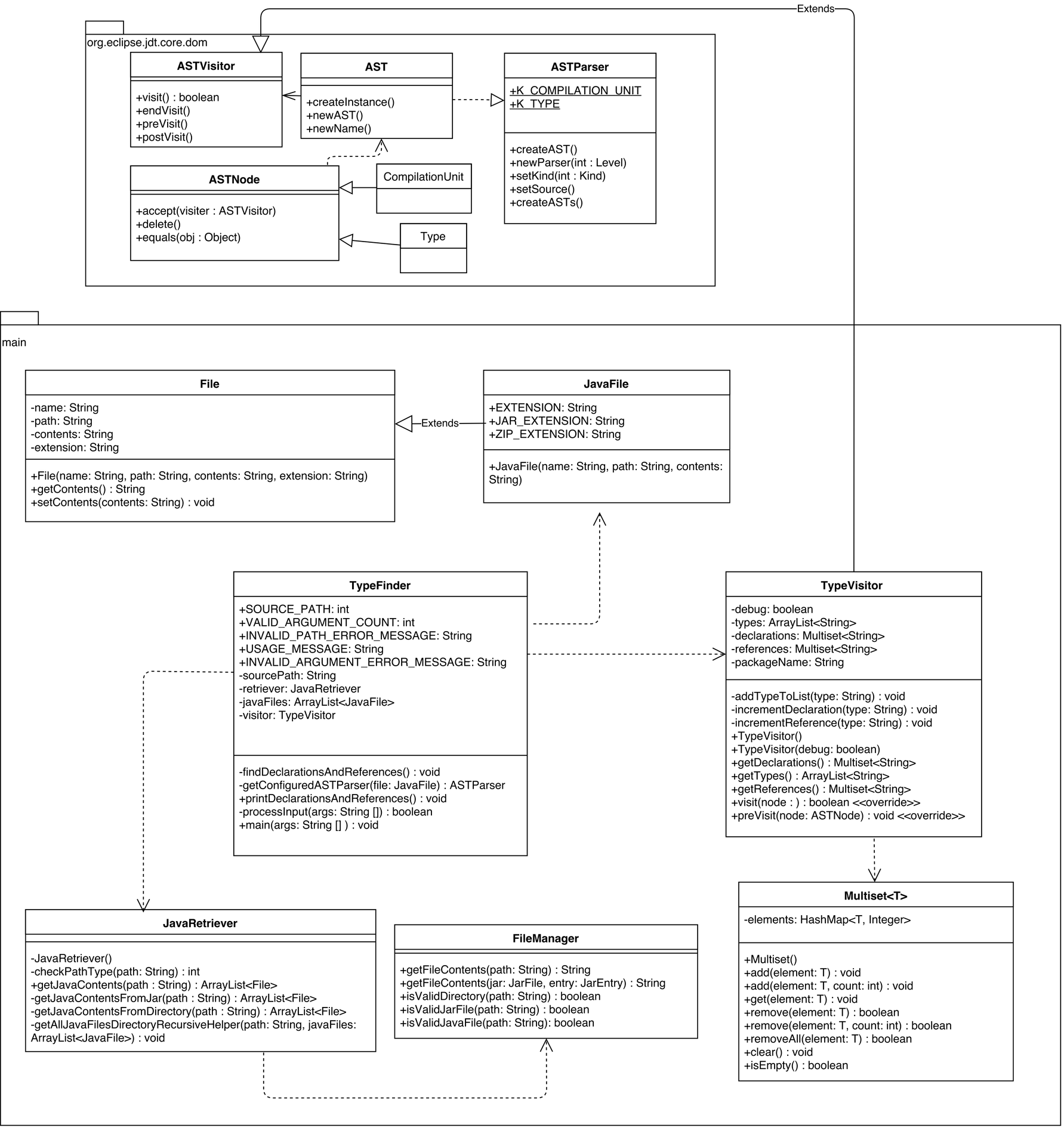
Extends
org.eclipse.jdt.core.dom
ASTVisitor
+visit() : boolean
+endVisit()
+preVisit()
+postVisit()
AST
+createInstance()
+newAST()
+newName()
ASTParser
+K_COMPILATION_UNIT
+K_TYPE
+createAST()
+newParser(int : Level)
+setKind(int : Kind)
+setSource()
+createASTs()
ASTNode
+accept(visiter : ASTVisitor)
+delete()
+equals(obj : Object)
CompilationUnit
Type
main
File
-name: String
-path: String
-contents: String
-extension: String
+File(name: String, path: String, contents: String, extension: String)
+getContents() : String
+setContents(contents: String) : void
Extends
JavaFile
+EXTENSION: String
+JAR_EXTENSION: String
+ZIP_EXTENSION: String
+JavaFile(name: String, path: String, contents: String)
TypeFinder
+SOURCE_PATH: int
+VALID_ARGUMENT_COUNT: int
+INVALID_PATH_ERROR_MESSAGE: String
+USAGE_MESSAGE: String
+INVALID_ARGUMENT_ERROR_MESSAGE: String
-sourcePath: String
-retriever: JavaRetriever
-javaFiles: ArrayList<JavaFile>
-visitor: TypeVisitor
-findDeclarationsAndReferences() : void
-getConfiguredASTParser(file: JavaFile) : ASTParser
+printDeclarationsAndReferences() : void
-processInput(args: String []) : boolean
+main(args: String []) : void
TypeVisitor
-debug: boolean
-types: ArrayList<String>
-declarations: Multiset<String>
-references: Multiset<String>
-packageName: String
-addTypeToList(type: String) : void
-incrementDeclaration(type: String) : void
-incrementReference(type: String) : void
+TypeVisitor()
+TypeVisitor(debug: boolean)
+getDeclarations() : Multiset<String>
+getTypes() : ArrayList<String>
+getReferences() : Multiset<String>
+visit(node :) : boolean <<override>>
+preVisit(node: ASTNode) : void <<override>>
Multiset<T>
-elements: HashMap<T, Integer>
+Multiset()
+add(element: T) : void
+add(element: T, count: int) : void
+get(element: T) : void
+remove(element: T) : boolean
+remove(element: T, count: int) : boolean
+removeAll(element: T) : boolean
+clear() : void
+isEmpty() : boolean
JavaRetriever
-JavaRetriever()
-checkPathType(path: String) : int
+getJavaContents(path : String) : ArrayList<File>
-getJavaContentsFromJar(path : String) : ArrayList<File>
-getJavaContentsFromDirectory(path : String) : ArrayList<File>
-getAllJavaFilesDirectoryRecursiveHelper(path: String, javaFiles: ArrayList<JavaFile>) : void
FileManager
+getFileContents(path: String) : String
+getFileContents(jar: JarFile, entry: JarEntry) : String
+isValidDirectory(path: String) : boolean
+isValidJarFile(path: String) : boolean
+isValidJavaFile(path: String): boolean