

Diagram: CCodeAnalyser

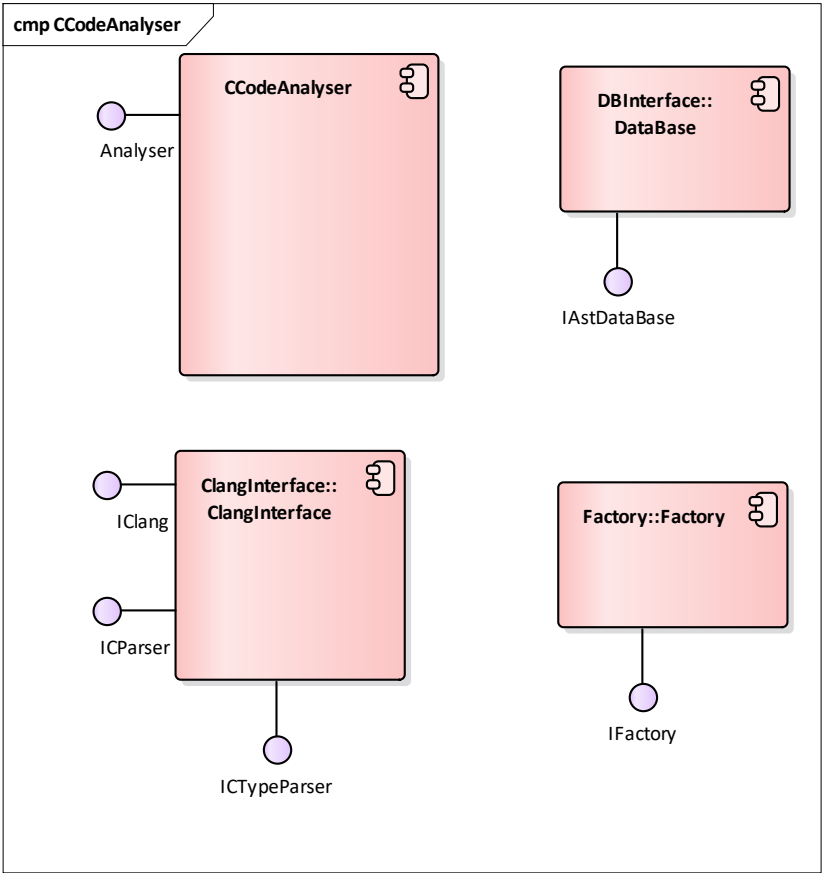


Diagram: CCodeAnalyser

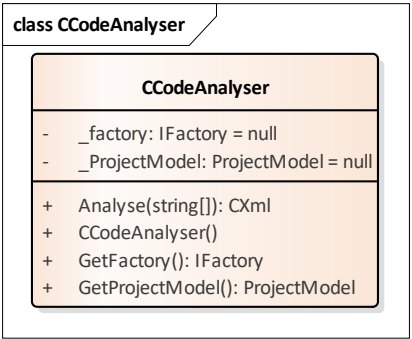


Diagram: ClangInterface

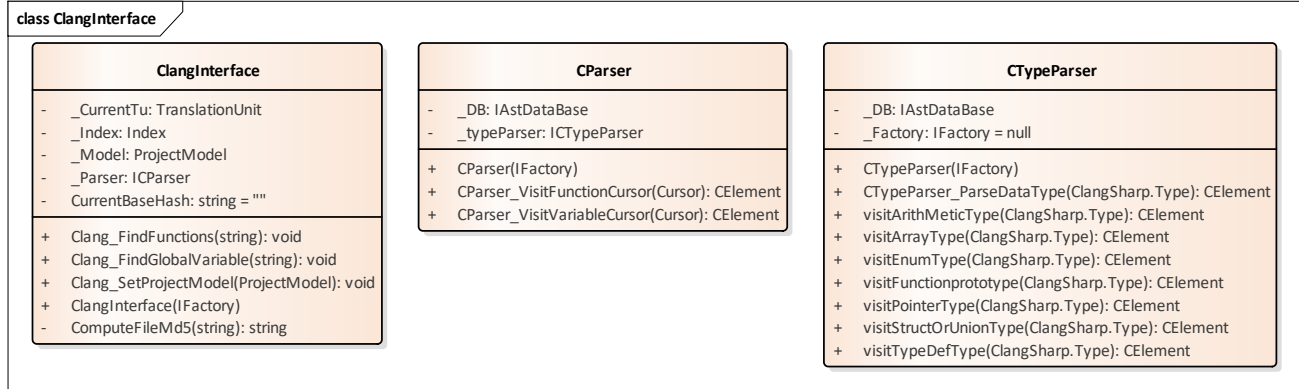


Diagram: DBInterface

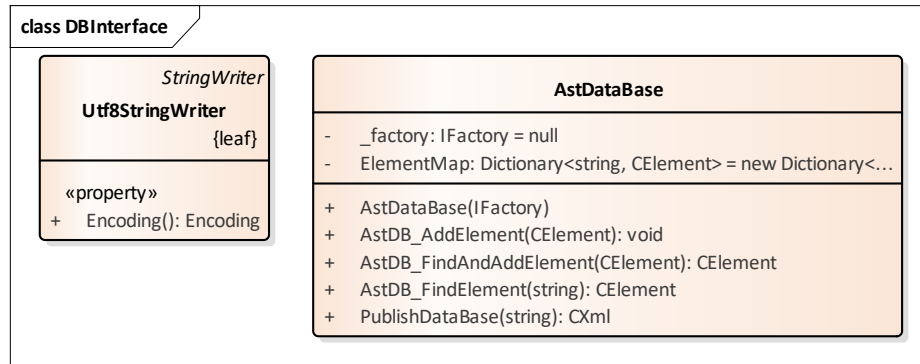


Diagram: Factory

class Factory

ClangFactory

```
- _Clang: ClangInterface.ClangInterface = null
- _DB: IAstDataBase = null
- _parser: ICParse = null
- _SourceGroups: Dictionary<string, string> = null
- _SWCType: Dictionary<string, SWCType> = null
- _TypeParser: ICTypeParser = null
- model: ProjectModel = null

+ ClangFactory()
+ Fac_getClangInterface(): IClang
+ Fac_GetComponentName(CElement): string
+ fac_getCParse(): ICParse
+ Fac_getDataBase(): IAstDataBase
+ Fac_GetInterfaceName(CFunction): string
+ Fac_getProjectModel(string[]): ProjectModel
+ Fac_GetSWCConfig(): Dictionary<string, string>
+ Fac_GetSWCType(): Dictionary<string, SWCType>
+ fac_getTypeParser(): ICTypeParser
+ Fac_GetXmlDataType(CDataType): DataType
+ Fac_GetXmlFunctionType(CFunction): Function
+ Fac_GetXmlVariableType(CVariable): Variable
- parsefile(string): void
# Updateclangoptions(): void
- updateModel(CommandLineparser): void
- updateSwcConfig(): void
```

CommandLineparser

```
- _CommandLineOptions: Dictionary<string, List<string>> = new Dictionary<...>

+ Init(): void
+ parseOptions(string[]): void

«property»
+ CommandLineOptions(): Dictionary<string, List<string>>
```

Diagram: Interfaces

class Interfaces

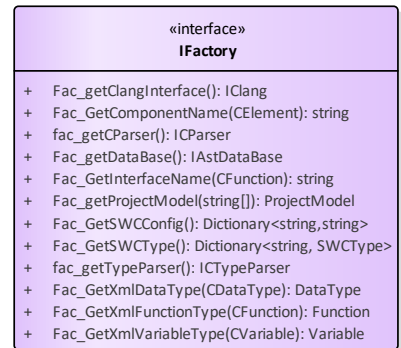
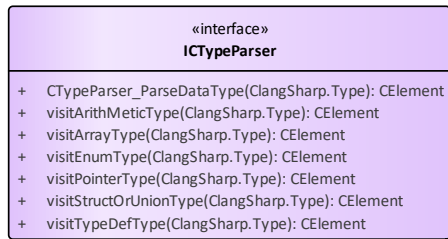
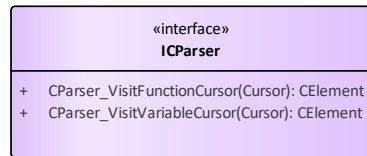
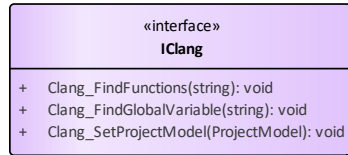
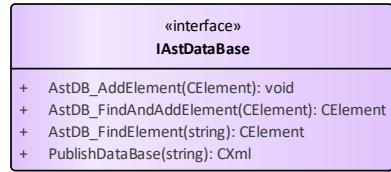


Diagram: Util

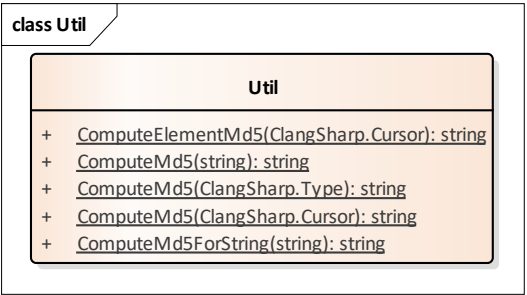


Diagram: Types

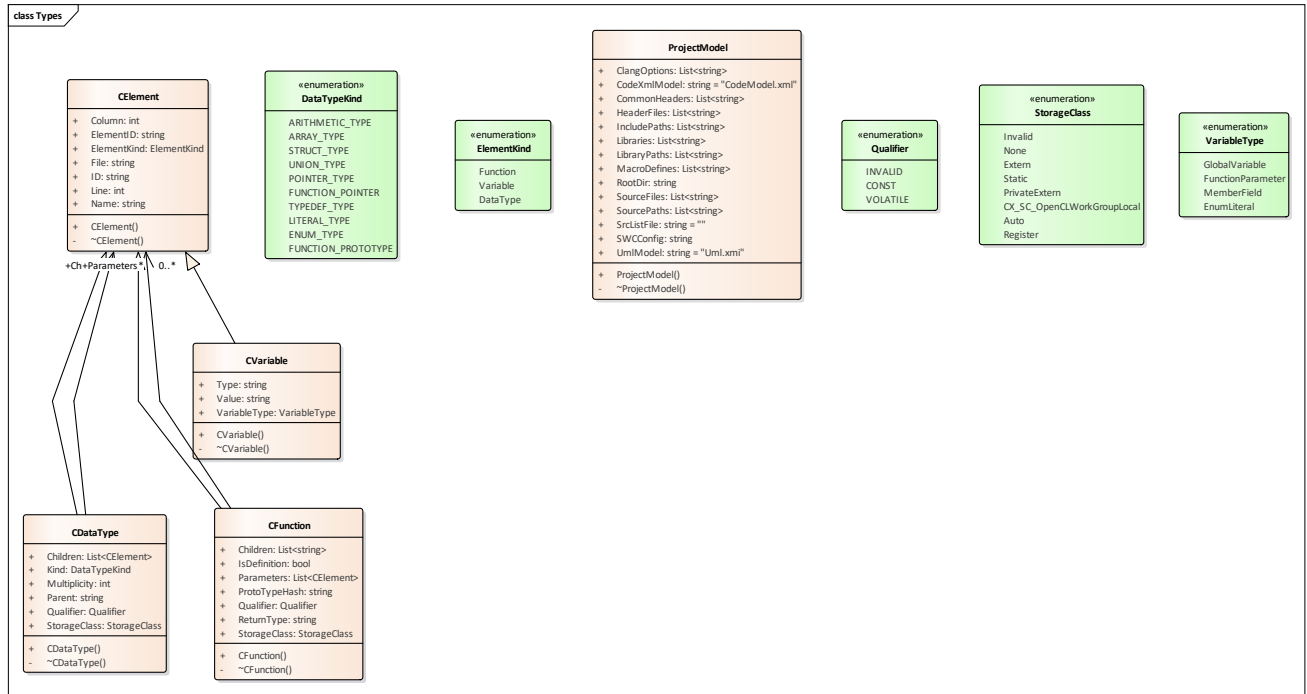


Diagram: Xml

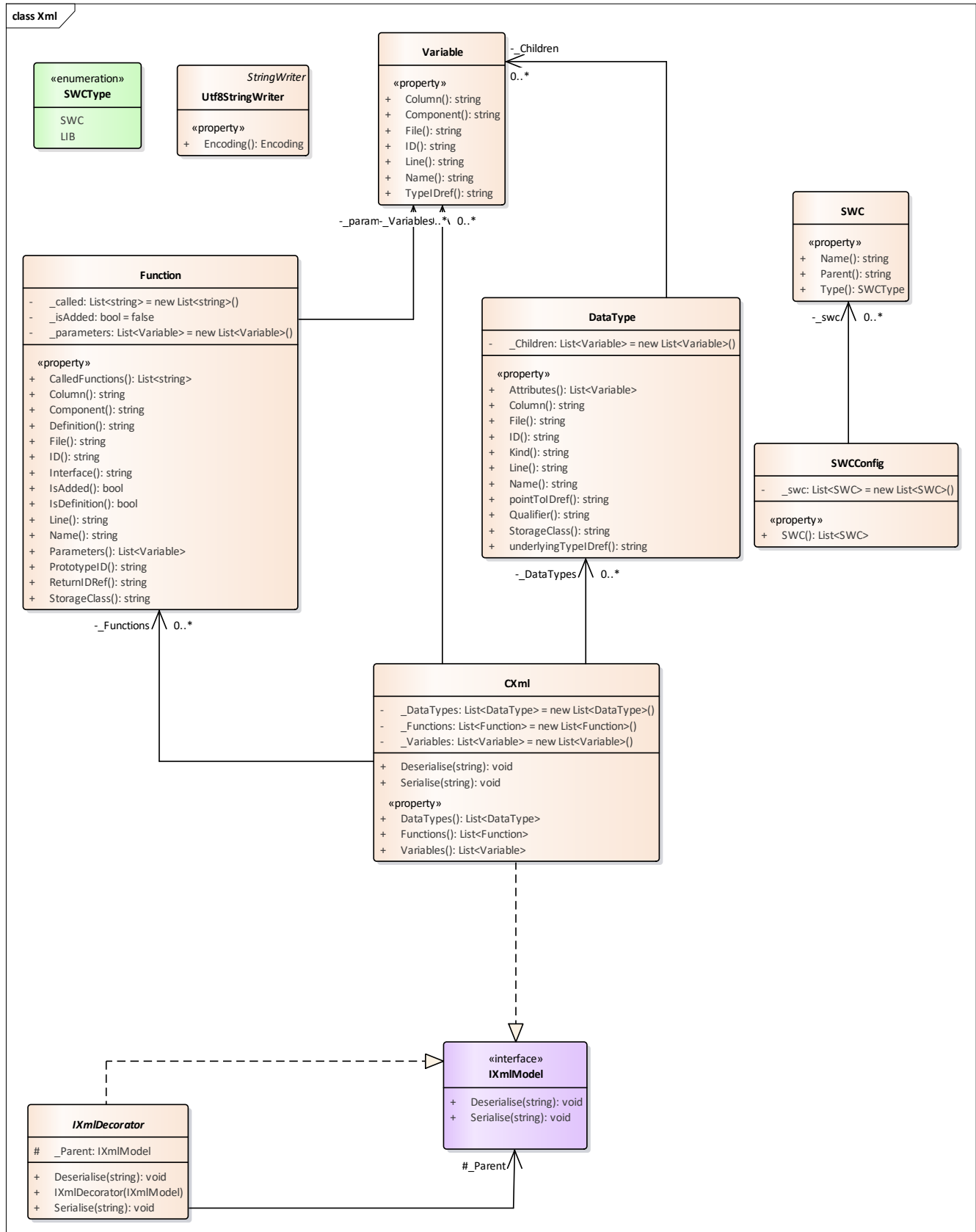


Diagram: Util

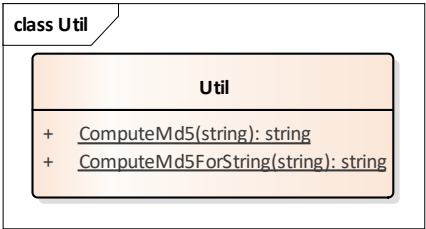


Diagram: ModelGenerator

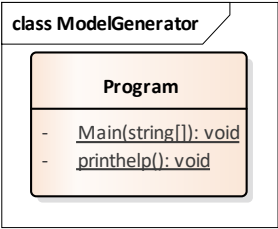


Diagram: MainExecutionSequence

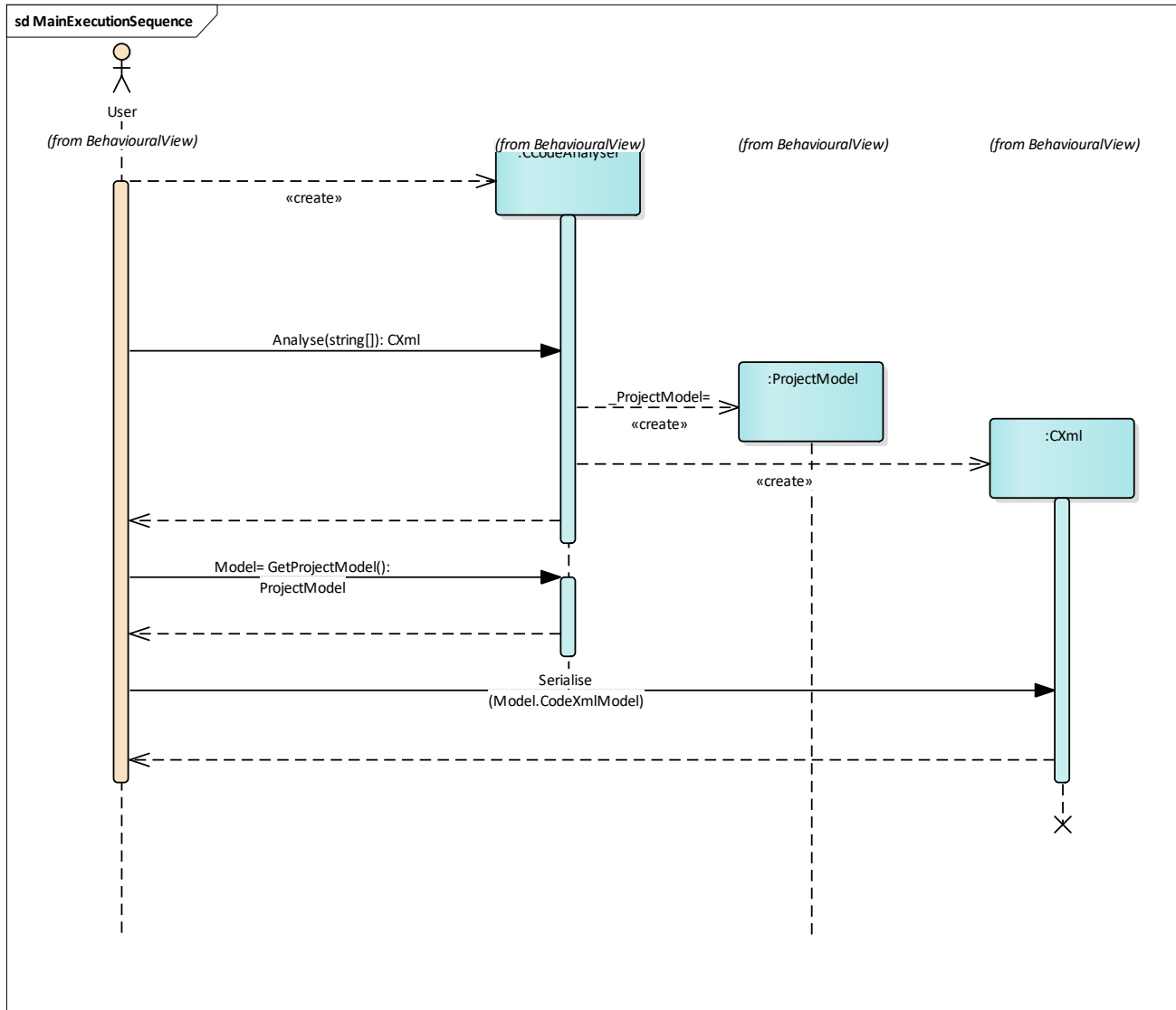


Diagram: ObjectConstruction

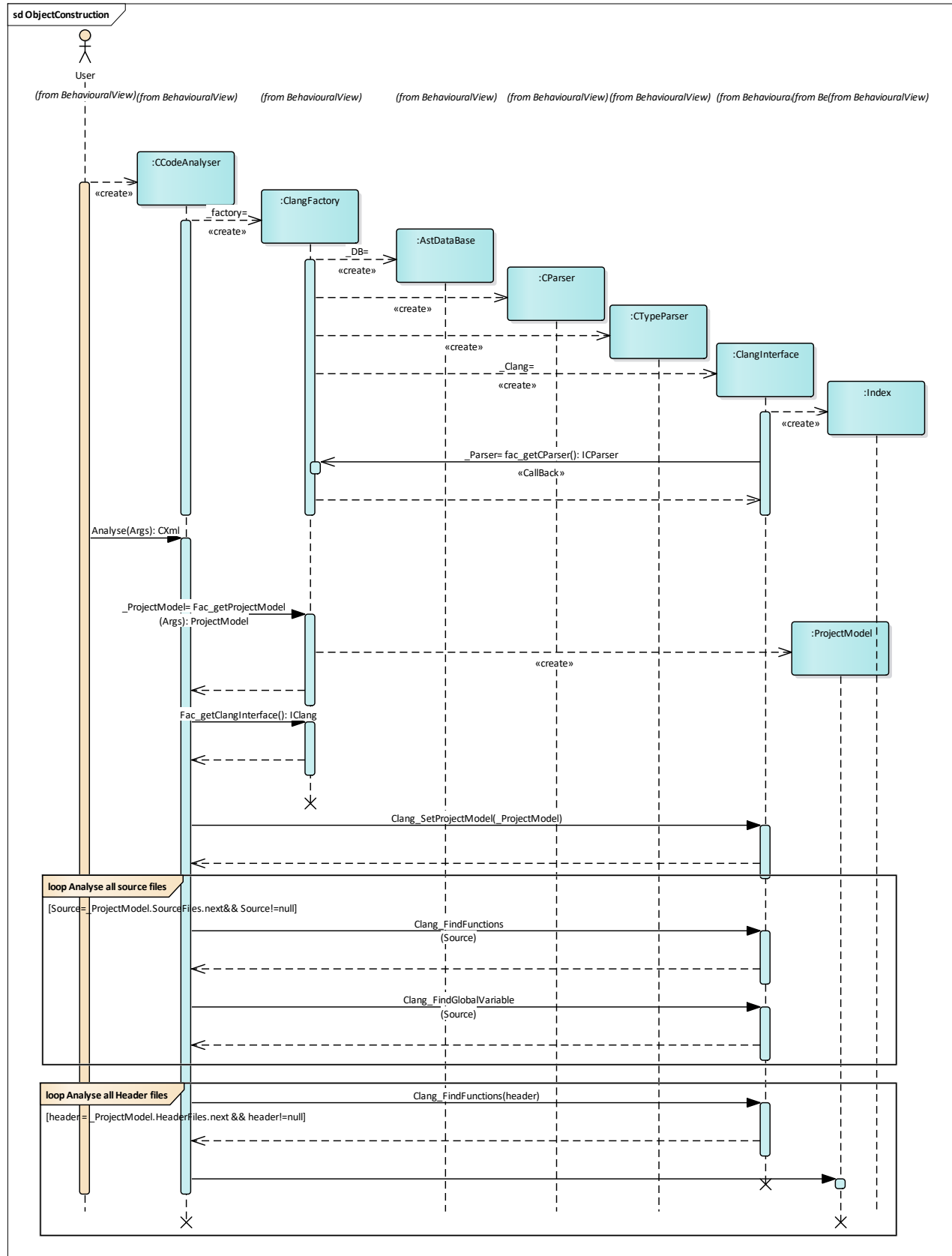


Diagram: FindFunctionPrototypes

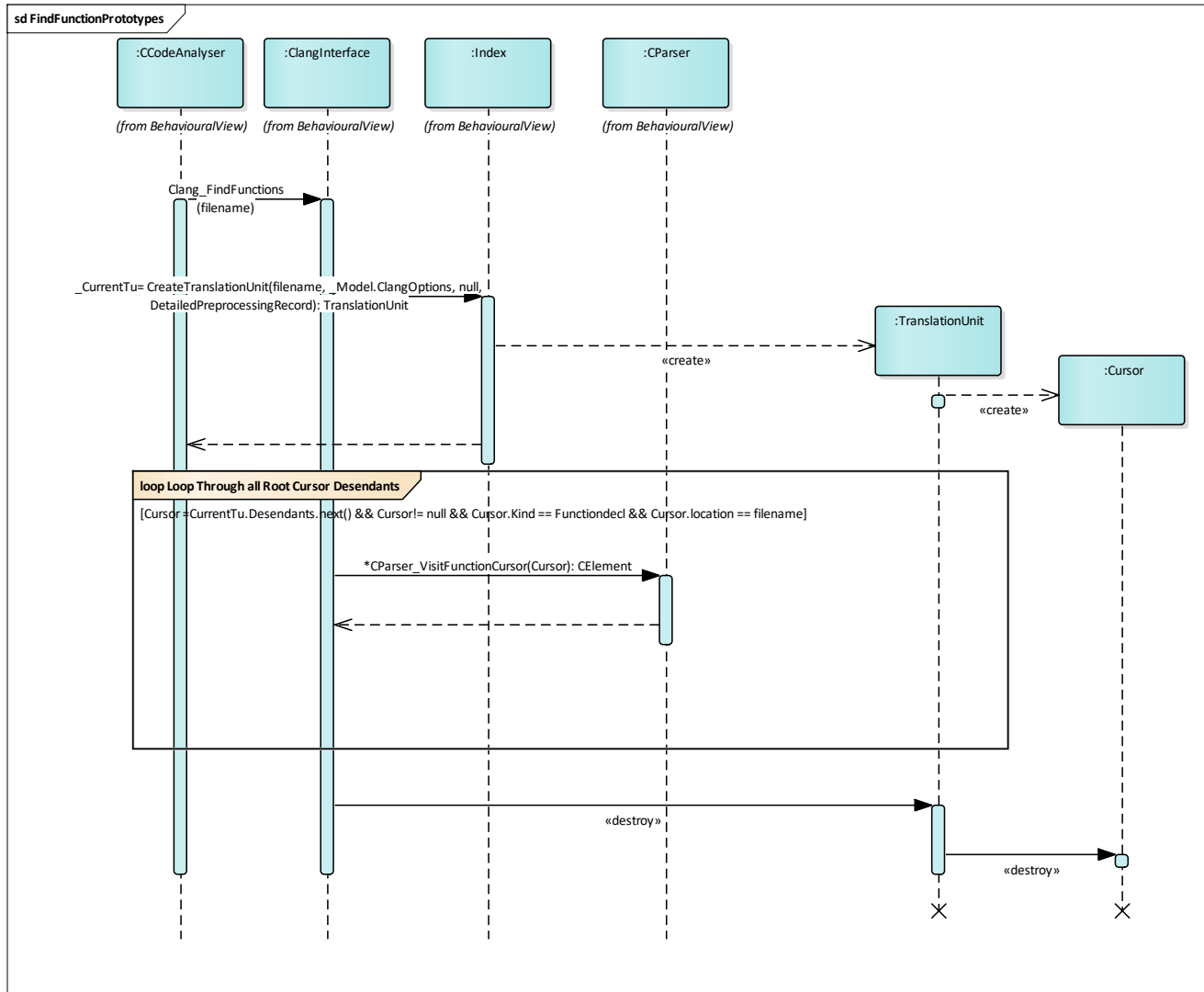


Diagram: ParsingTypes

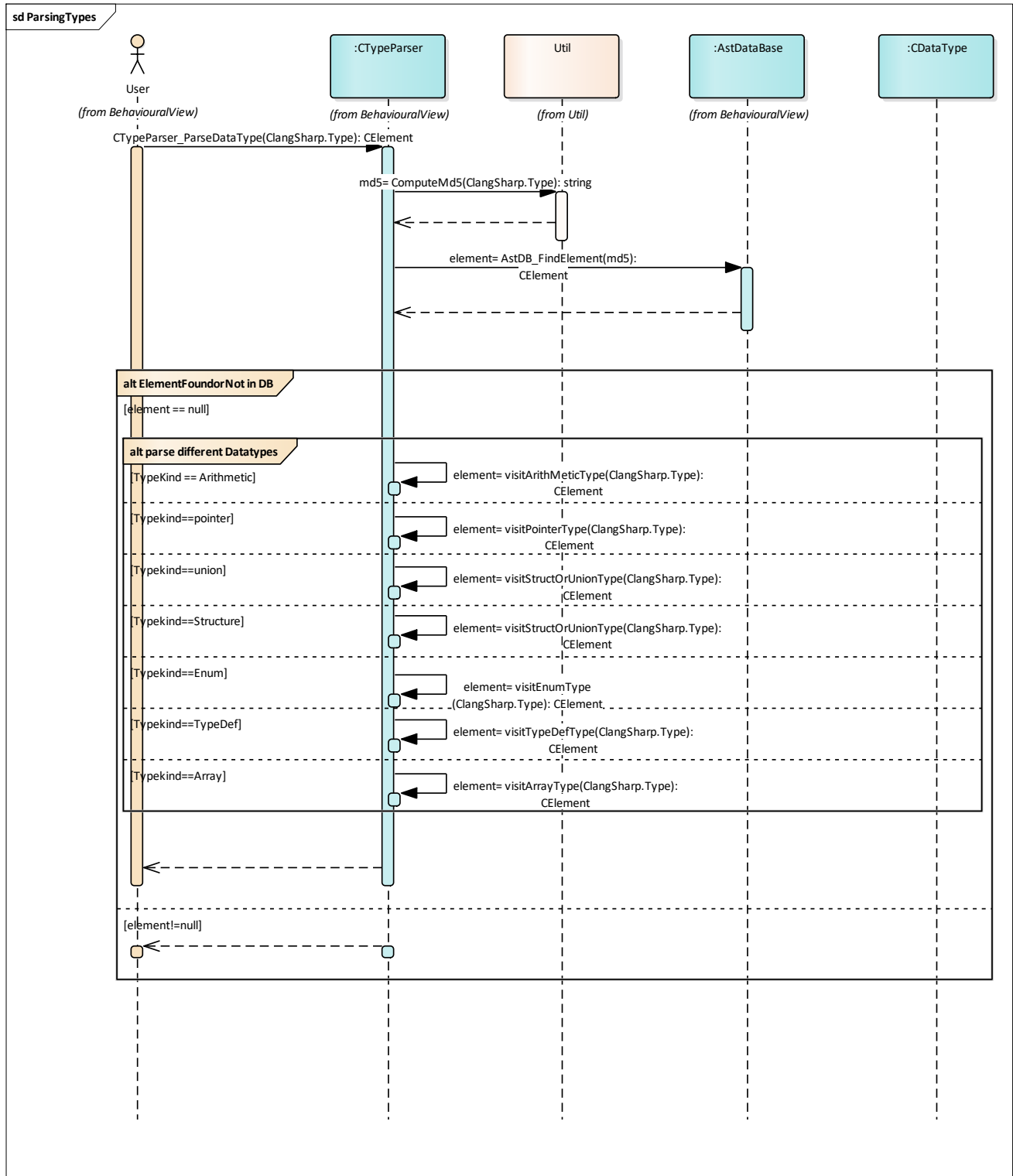


Diagram: ParsingFunctionPrototypes

