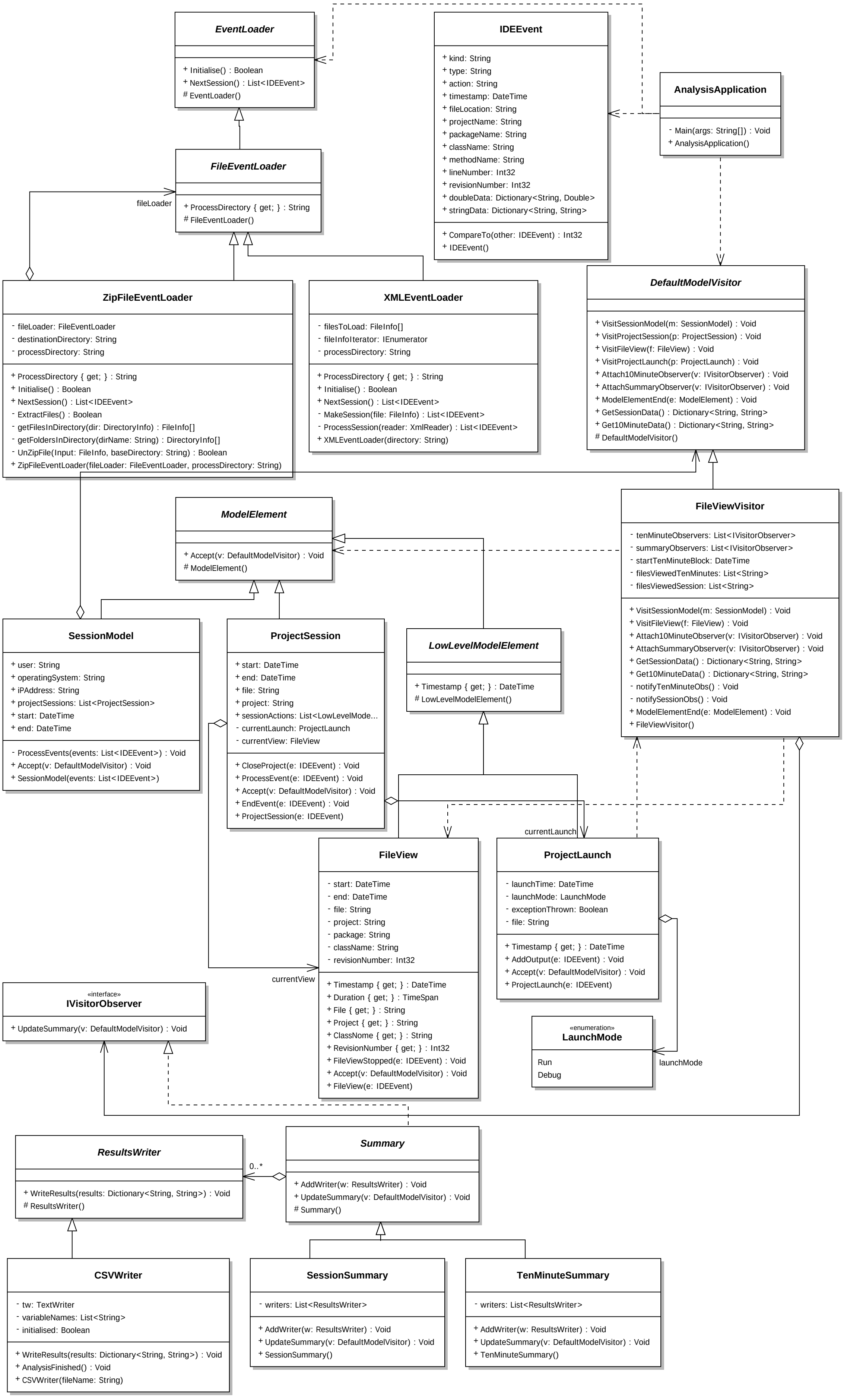
EventLoader
+ Initialise() : Boolean
+ NextSession() : List<IDEEvent>
# EventLoader()
IDEEvent
+ kind: String
+ type: String
+ action: String
+ timestamp: DateTime
+ fileLocation: String
+ projectName: String
+ packageName: String
+ className: String
+ methodName: String
+ lineNumber: Int32
+ revisionNumber: Int32
+ doubleData: Dictionary<String, Double>
+ stringData: Dictionary<String, String>
+ CompareTo(other: IDEEvent) : Int32
+ IDEEvent()
AnalysisApplication
- Main(args: String[]) : Void
+ AnalysisApplication()
FileEventLoader
fileLoader
+ ProcessDirectory { get; } : String
# FileEventLoader()
ZipFileEventLoader
- fileLoader: FileEventLoader
- destinationDirectory: String
- processDirectory: String
+ ProcessDirectory { get; } : String
+ Initialise() : Boolean
+ NextSession() : List<IDEEvent>
- ExtractFiles() : Boolean
- getFilesInDirectory(dir: DirectoryInfo) : FileInfo[]
- getFoldersInDirectory(dirName: String) : DirectoryInfo[]
- UnZipFile(Input: FileInfo, baseDirectory: String) : Boolean
+ ZipFileEventLoader(fileLoader: FileEventLoader, processDirectory: String)
XMLEventLoader
- filesToLoad: FileInfo[]
- fileInfoIterator: IEnumerator
- processDirectory: String
+ ProcessDirectory { get; } : String
+ Initialise() : Boolean
+ NextSession() : List<IDEEvent>
- MakeSession(file: FileInfo) : List<IDEEvent>
- ProcessSession(reader: XmlReader) : List<IDEEvent>
+ XMLEventLoader(directory: String)
DefaultModelVisitor
+ VisitSessionModel(m: SessionModel) : Void
+ VisitProjectSession(p: ProjectSession) : Void
+ VisitFileView(f: FileView) : Void
+ VisitProjectLaunch(p: ProjectLaunch) : Void
+ Attach10MinuteObserver(v: IVisitorObserver) : Void
+ AttachSummaryObserver(v: IVisitorObserver) : Void
+ ModelElementEnd(e: ModelElement) : Void
+ GetSessionData() : Dictionary<String, String>
+ Get10MinuteData() : Dictionary<String, String>
# DefaultModelVisitor()
ModelElement
+ Accept(v: DefaultModelVisitor) : Void
# ModelElement()
FileViewVisitor
- tenMinuteObservers: List<IVisitorObserver>
- summaryObservers: List<IVisitorObserver>
- startTenMinuteBlock: DateTime
- filesViewedTenMinutes: List<String>
- filesViewedSession: List<String>
+ VisitSessionModel(m: SessionModel) : Void
+ VisitFileView(f: FileView) : Void
+ Attach10MinuteObserver(v: IVisitorObserver) : Void
+ AttachSummaryObserver(v: IVisitorObserver) : Void
+ GetSessionData() : Dictionary<String, String>
+ Get10MinuteData() : Dictionary<String, String>
- notifyTenMinuteObs() : Void
- notifySessionObs() : Void
+ ModelElementEnd(e: ModelElement) : Void
+ FileViewVisitor()
SessionModel
+ user: String
+ operatingSystem: String
+ iPAddress: String
+ projectSessions: List<ProjectSession>
+ start: DateTime
+ end: DateTime
- ProcessEvents(events: List<IDEEvent>) : Void
+ Accept(v: DefaultModelVisitor) : Void
+ SessionModel(events: List<IDEEvent>)
ProjectSession
+ start: DateTime
+ end: DateTime
+ file: String
+ project: String
+ sessionActions: List<LowLevelMode...
- currentLaunch: ProjectLaunch
- currentView: FileView
+ CloseProject(e: IDEEvent) : Void
+ ProcessEvent(e: IDEEvent) : Void
+ Accept(v: DefaultModelVisitor) : Void
+ EndEvent(e: IDEEvent) : Void
+ ProjectSession(e: IDEEvent)
LowLevelModelElement
+ Timestamp { get; } : DateTime
# LowLevelModelElement()
currentLaunch
FileView
- start: DateTime
- end: DateTime
- file: String
- project: String
- package: String
- className: String
- revisionNumber: Int32
+ Timestamp { get; } : DateTime
+ Duration { get; } : TimeSpan
+ File { get; } : String
+ Project { get; } : String
+ ClassNome { get; } : String
+ RevisionNumber { get; } : Int32
+ FileViewStopped(e: IDEEvent) : Void
+ Accept(v: DefaultModelVisitor) : Void
+ FileView(e: IDEEvent)
ProjectLaunch
- launchTime: DateTime
- launchMode: LaunchMode
- exceptionThrown: Boolean
- file: String
+ Timestamp { get; } : DateTime
+ AddOutput(e: IDEEvent) : Void
+ Accept(v: DefaultModelVisitor) : Void
+ ProjectLaunch(e: IDEEvent)
currentView
«interface»
IVisitorObserver
+ UpdateSummary(v: DefaultModelVisitor) : Void
«enumeration»
LaunchMode
Run
Debug
launchMode
ResultsWriter
+ WriteResults(results: Dictionary<String, String>) : Void
# ResultsWriter()
0..*
Summary
+ AddWriter(w: ResultsWriter) : Void
+ UpdateSummary(v: DefaultModelVisitor) : Void
# Summary()
CSVWriter
- tw: TextWriter
- variableNames: List<String>
- initialised: Boolean
+ WriteResults(results: Dictionary<String, String>) : Void
+ AnalysisFinished() : Void
+ CSVWriter(fileName: String)
SessionSummary
- writers: List<ResultsWriter>
+ AddWriter(w: ResultsWriter) : Void
+ UpdateSummary(v: DefaultModelVisitor) : Void
+ SessionSummary()
TenMinuteSummary
- writers: List<ResultsWriter>
+ AddWriter(w: ResultsWriter) : Void
+ UpdateSummary(v: DefaultModelVisitor) : Void
+ TenMinuteSummary()