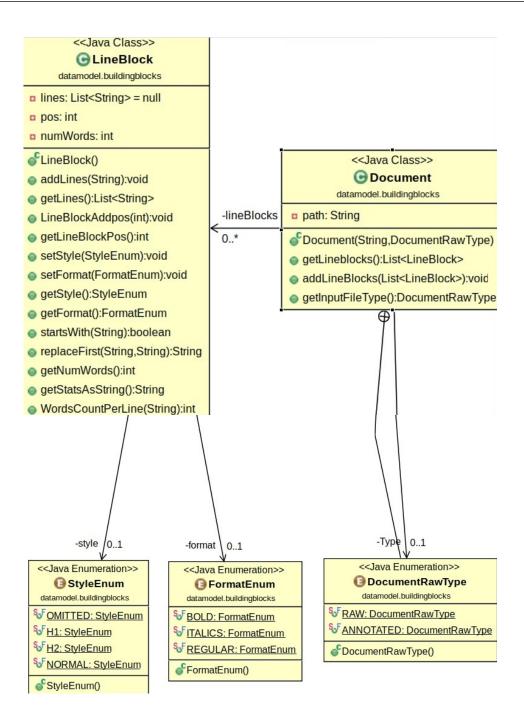
3. ΣΧΕΔΙΑΣΗ ΛΟΓΙΣΜΙΚΟΥ

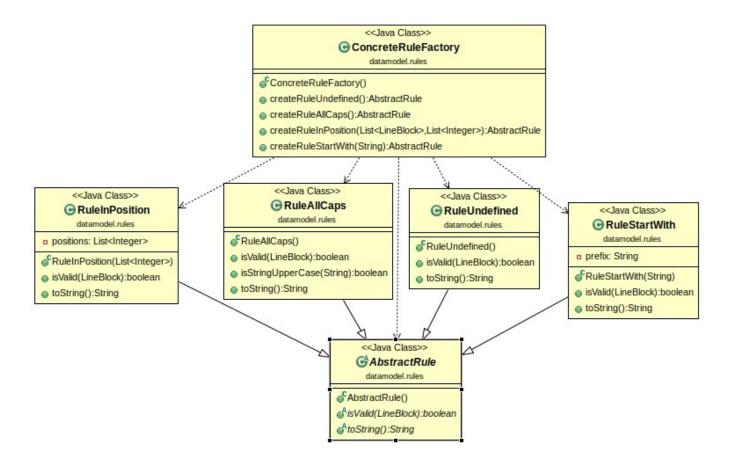
3.1 ΔΙΑΓΡΑΜΜΑΤΑ ΠΑΚΕΤΩΝ

package datamodel.buildingblocks



3.2 ΔΙΑΓΡΑΜΜΑΤΑ ΚΛΑΣΕΩΝ

package datamodel.rules



package datamodel.ruleset

<<Java Class>>



RuleSetCreator

datamodel.ruleset

lineblocks: List<LineBlock</p>

inputSpec: List<List<String>>

factory: ConcreteRuleFactory

name: String

omitRule: AbstractRule

n h1Rule: AbstractRule

n h2Rule: AbstractRule

boldRule: AbstractRule

italicsRule: AbstractRule

RuleSetCreator(List<LineBlock>,List<List<String>>,String)

createRuleSet():RuleSet

<<Java Class>>



datamodel.ruleset

name: String

omitRule: AbstractRule

n1Rule: AbstractRule

h2Rule: AbstractRule

boldRule: AbstractRule

italicsRule: AbstractRule

- determineHeadingStatus(LineBlock):StyleEnum
- determineFormatStatus(LineBlock):FormatEnum
- toString():String

package engine

<<Java Class>>

G Engine

engine

alias: String

filePath: String = null

simpleInputFileName: String = null

lineblocks: List<LineBlock</p>

inputRuleSet: RuleSet

inputSpec: List<List<String>> = null

prefixes: List<String> = null

document: Document

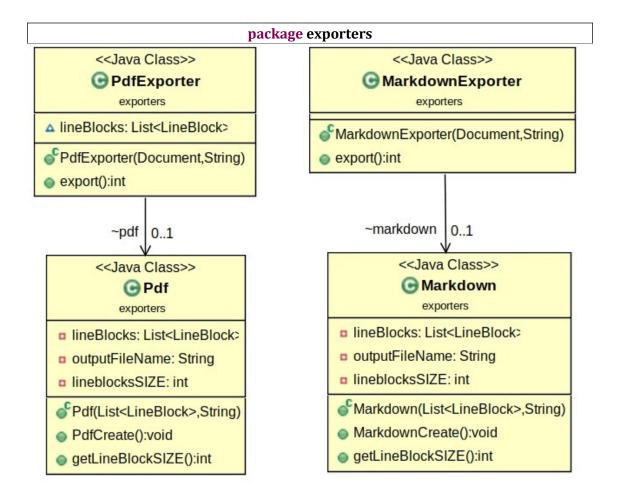
- Fengine(String, String, String)
- registerInputRuleSetForPlainFiles(List<List<String>>):RuleSet
- registerInputRuleSetForAnnotatedFiles(List<List<String>>,List<String>):RuleSet
- loadFileAndCharacterizeBlocks():int
- exportMarkDown(String):int
- exportPdf(String):int
- reportWithStats():List<String>
- loadRawDocument():int
- characterizeLineblocks(Document,RuleSet):void
- characterizeRawFile(List<LineBlock>,RuleSet):void
- characterizeAnnotatedFile(List<LineBlock>,RuleSet):int

<<Java Interface>>

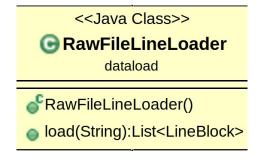
IPlainTextDocumentEngine

engine

- registerInputRuleSetForPlainFiles(List<List<String>>):RuleSet
- $\color{red} \color{blue}{\circ} \textbf{ registerInputRuleSetForAnnotatedFiles(List<List<String>>,List<String>):RuleSet}$
- loadFileAndCharacterizeBlocks():int
- exportMarkDown(String):int
- exportPdf(String):int
- reportWithStats():List<String>



package dataload



package client

<<Java Class>>

Client

client

- ^SpFilePath: String
- SplnputType: String
- ^SpAlias: String
- sinputSpec: List<List<String>> = new ArrayList<List<String>>()
- Scanner: Scanner
- Sprefixes: List<String> = null
- ∆Sengine: Engine
- Client()
- main(String[]):void
- addPrefixes():void
- askInputeFile():void
- askForPath():String
- askForAlias():String
- askForFileType():String
- askForRules():void
- SaddRule():void
- askForReport():void
- askForExportToAnotherForm():void