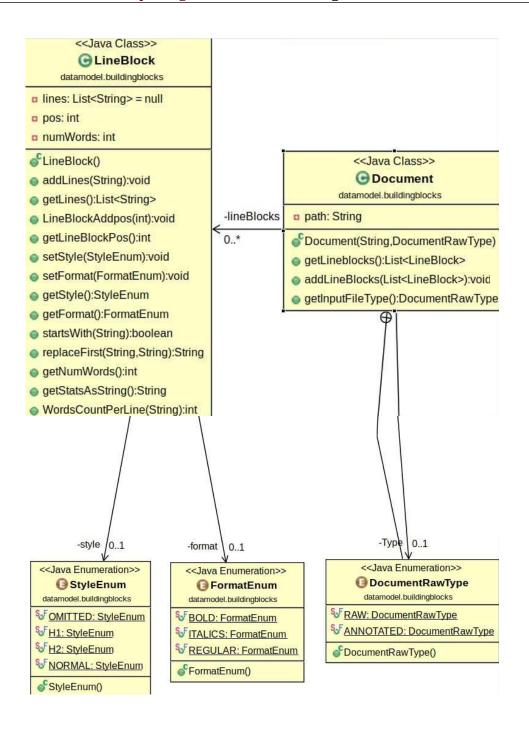
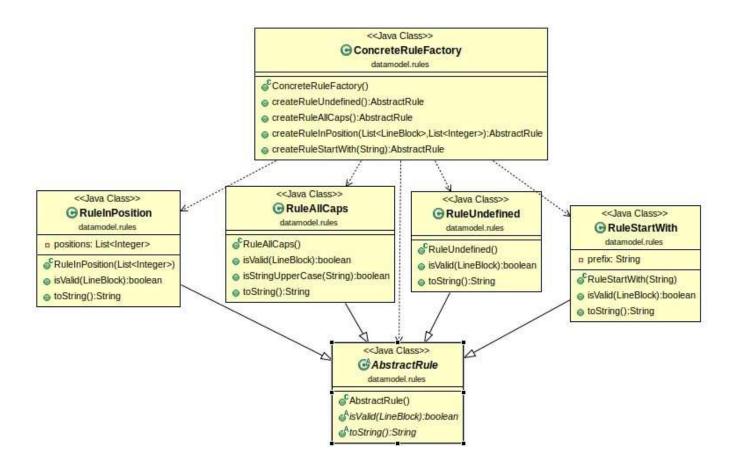
### package datamodel.buildingblocks



## 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

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

createRuleSet():RuleSet

#### <<Java Class>>



datamodel.ruleset

name: String

omitRule: AbstractRule

n1Rule: AbstractRule

n2Rule: AbstractRule

boldRule: AbstractRule

italicsRule: AbstractRule

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

### package engine

#### <<Java Class>>



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

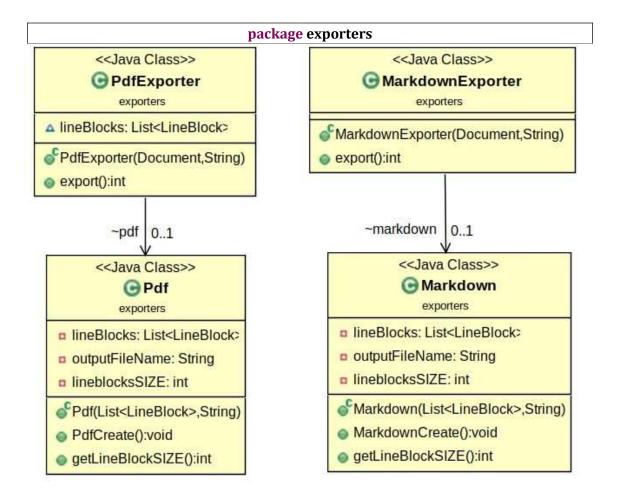
- Fengine(String, String, String)
- registerInputRuleSetForPlainFiles(List<List<String>>):RuleSet
- registerInputRuleSetForAnnotatedFiles(List<List<String>>,List<String>):RuleSet
- loadFileAndCharacterizeBlocks():int
- exportMarkDown(String):int
- exportPdf(String):int
- reportWithStats():List<String>
- 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
- registerInputRuleSetForAnnotatedFiles(List<List<String>>,List<String>):RuleSet
- loadFileAndCharacterizeBlocks():int
- exportMarkDown(String):int
- exportPdf(String):int
- reportWithStats():List<String>



# package dataload



# package client

# <<Java Class>>

**G** Client

client

- pFilePath: String
- <sup>S</sup>pInputType: String
- <sup>S</sup>pAlias: String
- oSinputSpec: List<List<String>> = new ArrayList<List<String>>()
- Scanner: Scanner
- sprefixes: List<String> = null
- ∆Sengine: Engine
- Client()
- addPrefixes():void
- askInputeFile():void
- askForPath():String
- askForAlias():String
- askForFileType():String
- askForRules():void
- SaddRule():void
- askForReport():void
- askForExportToAnotherForm():void