«Interface» PeriodMaker

- +makePeriod(scanner:Scanner)
- +getConfiguration(): ConfigurationManagerAbstract
- +getPeriod():File
- +getBpaCosts():File
- +getClientCosts():File
- +void setBpaCosts(bpaCosts:File)
- +void setClientCosts(clientCosts:File)
- +getPeriodFiles():Map<String,File>
- +getDriversMaps():Map<String,String>
- +capture(String periodName): boolean
- +save(): void

Responsibilities

- -- Keeps pointer references to all the different elements needed to run a ABC costing model for a particular period.
- -- Overall coordinator of the new period making process.

«AbstractClass»

PeriodMakerAbstract

- period: File
- userSpace: UserSpace
- configurationManager: ConfigurationManagerAbstract
- bpaCosts: File
- clientCosts: File
- periodFiles: Map<String,File>
- driversMaps: Map<String,String>
- + getters and setters for all fields in the class
- + validateConfiguration(configName:String)
- + captureConfiguration(scanner:Scanner)
- + createPeriod(): void
- + makePeriod(scanner:Scanner):void
- + save()
- + abstract initConfigurationManager(configName:String)
- + abstract capture(periodName:String)

Responsibilities

- -- Abstract implementation of PeriodMaker.
- -- Contains data structures to host the different objects part of a particular period.
- -- Creates a period File.

PeriodMakerImplCSV

- + initConfigurationManager(configName:String)
- + capture(periodName:String)

Responsibilities

- -- Extends PeriodMakerAbstract.
- -- Provides an object pointing to a valid ConfigurationManager of CSV type.
- -- Captures all the data structure elements of a pre-existing Period.

PeriodMakerImplSQL

- + initConfigurationManager(configName:String)
- + capture(periodName:String)

Responsibilities

- -- Extends PeriodMakerAbstract.
- -- Provides an object pointing to a valid

ConfigurationManager of SQL type.

-- Captures all the data structure elements of a pre-existing Period.