## package:period «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> package: user +capture(String periodName): boolean (UserSpace) +save(): void Responsibilities -- Keeps pointer references to all the different elements needed to run a ABC costing model for a particular period. package: configuration -- Overall coordinator of the new period making process. (ConfigurationManagerAbstract) stores 1 stores «AbstractClass» PeriodMakerAbstract period: File userSpace: UserSpace 0..n · configurationManager: ConfigurationManagerAbstract 0..n bpaCosts: File 0..n clientCosts: File - periodFiles: Map<String,File> 0..n stores driversMaps: Map<String,String> 0..n + getters and setters for all fields in the class + validateConfiguration(configName:String) package: bpa stores + captureConfiguration(scanner:Scanner) (BpaCostsMakerAbstract.file) + createPeriod(): void + makePeriod(scanner:Scanner):void references + abstract initConfigurationManager(configName:String) + abstract capture(periodName:String) package: client (ClientCostsImpl.file) Responsibilities -- Abstract implementation of PeriodMaker. -- Contains data structures to host the different objects part of a particular period. external files Creates a period File. 1..n PeriodMakerImplCSV PeriodMakerImplSQL + initConfigurationManager(configName:String) + initConfigurationManager(configName:String) + capture(periodName:String) + capture(periodName:String) Responsibilities Responsibilities -- Extends PeriodMakerAbstract. -- Extends PeriodMakerAbstract. -- Provides an object pointing to a valid -- Provides an object pointing to a valid ConfigurationManager of CSV type. ConfigurationManager of SQL type. -- Captures all the data structure elements -- Captures all the data structure elements of a pre-existing Period. of a pre-existing Period.