Main

- newMenu : Menu

Payroll

- day : int
- month : int
- dayCount : int
- calendary : int[][]

«constructor» Payroll(day : int, month : int, dayInfo : String)

+ getDateInfo() : void
+ payEmployee(employee : Employee, eInfo : String[]) : void
+ checkWeekDay(employee: Employee, eInfo: String[]) : void
+ payAll(employees : ArrayList) : boolean

Menu

- eMonitor : ExcepctionT
- input : Scanner
- employees : Employee
- eManager : EmployeesManager
- paymentManager : pSchedule
- payroll : Payroll
- check : boolean

+ loopHeader : void
- header(input : Scanner, eMonitor : ExcepctionT) : int
- showEmployees(employees : ArrayList) : void

Employee

- name : String
- address : String
- payMethod : String
- paySchedule : String
- forPay : double
- syndTax : double
- id : int
- syndId : int
- syndycate : boolean

«constructor» Employee(name: String
address: String, ID: int, paymentMethod: String, paySchedule: String)

+ getId() : int
+ getName() : int
+ getForPay() : double
+ getAddress(): String
+ getPayMethod() : String
+ getSynd() : boolean
+ getSyndId() : int
+ getSyndTax() : double
+ getPaySchedule() : String

+ serviceTax(value : double) : void
+ addForPay(value: double) : void

+ setName(name : String) : void
+ setAddress(address: String) : void
+ setPayMethod(payMethod: String) : void
+ setSyndicate(check : boolean) : void
+ setSyndTax(tax : double) : void
+ setSyndicateId(id : int) : void
+ setPaySchedule(pSchedule : String) : void
+ resetForPay() : void

ExceptionT

- exScanner : Scanner

+ getInteger() : int
+ getDouble() : double
+ getTime() : int[]
+ getSystemDate() : int[]

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pSchedule

- paySchedule : ArrayList
- pScanner : Scanner
- auxManager : AuxManager
- eMonitor : excepctionT

+ newSchedule() : void
+ setNSchedule(employees : ArrayList) : void

EmployeesManager

- id : int
- idSynd : int
- types : String[]
- pMethods : String[]
- eScanner : Scanner
- eMonitor : ExceptionT
- auxManager : AuxManager

+ addEmployee(employees : ArrayList) : void
+ rmEmployee(employees : ArrayList) : void
+ serviceTax(employees : ArrayList) : void
+ cardPoint(employees : ArrayList) : void
+ setSellResult(employees : ArrayList) : void
+ setEmployee(employees : ArrayList) : void

AuxManager

+ searchEmployee(employees : ArrayList, id : int) : int
+ searchESynd(employees: ArrayList, idSynd: int) : int
+ changeTypeH(forChange: Employee, hourPay : double) : Hourly
+ changeTypeS(forChange: Employee, mensalSalary : double) : Salaried
+ changeTypeC(forChange: Employee, mensalSalary : double, comission: double) : Comissioned

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Hourly

- hourPay : double

«constructor» Hourly(name: String,
address: String, hourPay: double, ID: int,
paySchedule: String)

+ setCard(tIn: int[], tOut : int[]) : double
+ resetForPay() : void

Salaried

+ mensalSalary : double

«constructor» Salaried(name : String, address : String,
mensalSalary : double, id : int, paySchedule : String)

+ resetForPay() : void

Comissioned

- comission : double
- totalSales : double

«constructor» Comissioned(name : String, address : String,
mensalSalary : double, comission : double,
 id : int, paySchedule : String)

+ sellComission(value : double) : double
+ setTotalSales(value: double) : void
+ getTotalSales() : double
+ resetTotalSales() : void