EmployeeServlet

- employeeService:EmployeeService
- departmentService: DepartmentService
- departmentServiceManager:DepartmentServiceManager
- departmentServiceEmployeeService:DepartmentServiceEmployeeService
- titleService:TitleService
- salaryService:SalaryService
- employee: Employee
- employees: List<Employee>
- department: Department
- departments: List<Department>
- method: String
- empNo: int
- birthDate: Date
- hireDate: Date
- firstName: String
- lastName: String
- gender: String
- departmentNum: String
- deptFromDate: Date
- deptToDate: Date
- isManager: boolean
- employeeTypeFrom: Date
- employeeTypeTo: Date
- title: String
- titleFrom: Date
- titleTo: Date
- salary: int
- salaryFrom: Date
- salaryTo: Date

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processRequest
(request:HttpServletRequest, response:HttpServletResponse): void
- initAdd(request:HttpServletRequest, response:HttpServletResponse): void
- add(request:HttpServletRequest, response:HttpServletResponse): void
- update(request:HttpServletRequest, response:HttpServletResponse): void
- view(request:HttpServletRequest, response:HttpServletResponse): void
- getById(request:HttpServletRequest, response:HttpServletResponse): void
- edit(request:HttpServletRequest, response:HttpServletResponse): void
- delete(request:HttpServletRequest, response:HttpServletResponse): void
- search(request:HttpServletRequest, response:HttpServletResponse): void
doGet(request:HttpServletRequest, response:HttpServletResponse): void
doPost(request:HttpServletRequest, response:HttpServletResponse): void
getServletInfo(request:HttpServletRequest,
response:HttpServletResponse): void

Employee

- empNo:int
- birthDate:Date
- firstName:String
- lastName: String
- gender: String
- hireDate: Date
- isManager: boolean
- salary: int
- title: String
- department: Department

- Employee(builder:Builder)
+ void Builder(emptNo:int,birthDate:Date,firstName:String,
lastName:String,gender:String,hireDate:Date)
+ int:getEmpNo
+ setEmpNo:void
+ getBirthDate:Date
+ setBirthDate:void
+ getFirstName:String
+ setFirstName:void
+ getLastName:String
+ setLastName:void
+ getGender:String
+ setGender:void
+ getHireDate:Date
+ setHireDate:void
+ isIsManager:boolean
+ setIsManager:void
+ getSalary:int
+ setSalary:void
+ getTitle:String
+ setTitle:void
+ getDepartment:Department
+ setDepartment:void

<<interface>>
EmployeeDao

+ add(employee:Employee):int
+ update(employee:Employee):boolean
+ view:List<Employee>
+ getById(id:int):Employee
+ delete(employee:Employee):boolean

EmployeeDAOImpl

dataSource:DataSource

+ EmployeeDaoImpl()
+ add(employee:Employee):int
+ update(employee:Employee):boolean
+ view:List<Employee>
+ getById(id:int):Employee
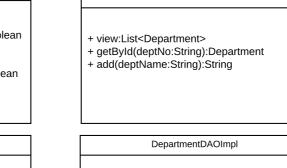+ delete(employee:Employee):boolean

EmployeeService

- employeeDaoImpl:EmployeeDaoImpl

+ add(employee:Employee):int
+ update(employee:Employee):boolean
+ view:List<Employee>
+ getById(id:int):Employee
+ delete(employee:Employee):boolean

Builder

- empNo:int
- birthDate:Date
- firstName:String
- lastName: String
- gender: String
- hireDate: Date
- isManager: boolean
- salary: int
- title: String
- department: Department

+ Builder(emptNo:int,birthDate:Date,firstName:String,
lastName:String,gender:String,hireDate:Date)
+ build:Employee
+ setIsManager(isManager:boolean):Builder
+ setTitle(title:String):Builder
+ setDepartment(Department:department):Builder

<<interface>>
DepartmentDao

+ view:List<Department>
+ getById(deptNo:String):Department
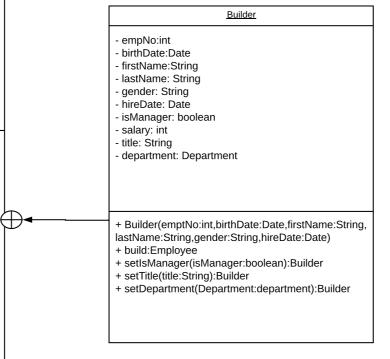+ add(deptName:String):String

DepartmentDAOImpl

dataSource:DataSource

+ DepartmentDaoImpl()
+ view:List<Department>
+ getById(deptNo:String):Department
+ add(deptName:String):String

DepartmentService

- departmentDaoImpl:DepartmentDaoImpl

+ view:List<Department>

Department

- departNo:String
- departName:String

- Department(builder:Builder)
+ getDeptNo:String
+ setDeptNo:void
+ getDeptName:String
+ setDeptName:void

Builder

- deptNo:String
- deptName:String
+ Department build

+Builder(depNo:String,deptName:String)
+ build:Department
+ setDeptNo:Builder
+ setDeptName:Builder

DepartmentServlet

- departmentServlet DepartmentServlet
- department:Department
- departments:List<Department>
- method:String
- deptNo:String
- deptName:String

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processRequest
(request:HttpServletRequest, response:HttpServletResponse): void
- view(request:HttpServletRequest, response:HttpServletResponse):
void
doGet(request:HttpServletRequest, response:HttpServletResponse):
void
doPost(request:HttpServletRequest, response:HttpServletResponse):
void
getServletInfo(request:HttpServletRequest,
response:HttpServletResponse): void