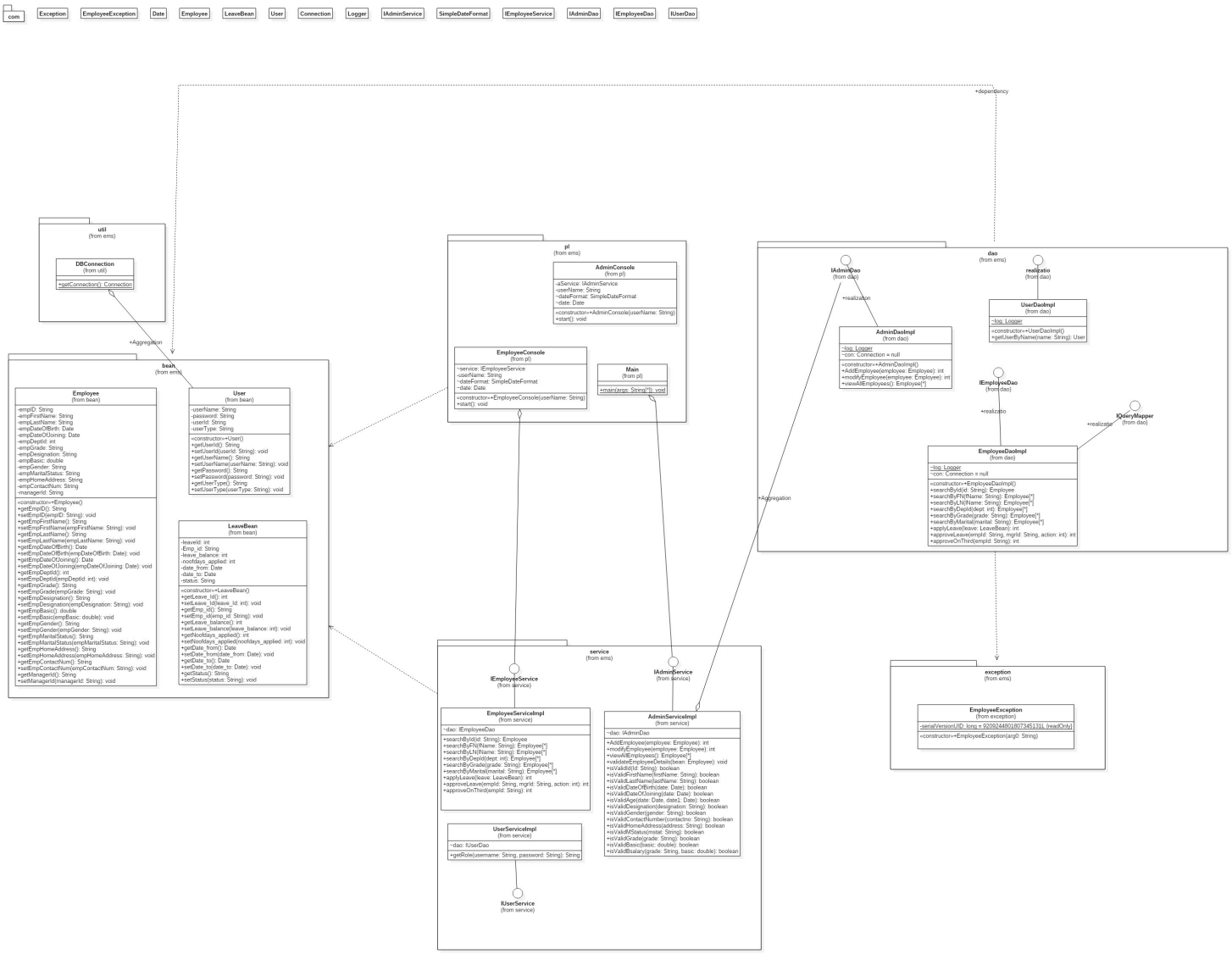
com
Exception
EmployeeException
Date
Employee
LeaveBean
User
Connection
Logger
IAdminService
SimpleDateFormat
IEmployeeService
IAdminDao
IEmployeeDao
IUserDao
+dependency
util
(from ems)
DBConnection
(from util)
+getConnection(): Connection
+Aggregation
bean
(from ems)
Employee
(from bean)
-empID: String
-empFirstName: String
-empLastName: String
-empDateOfBirth: Date
-empDateOfJoining: Date
-empDeptId: int
-empGrade: String
-empDesignation: String
-empBasic: double
-empGender: String
-empMaritalStatus: String
-empHomeAddress: String
-empContactNum: String
-managerId: String
+constructor=+Employee()
+getEmpID(): String
+setEmpID(empID: String): void
+getEmpFirstName(): String
+setEmpFirstName(empFirstName: String): void
+getEmpLastName(): String
+setEmpLastName(empLastName: String): void
+getEmpDateOfBirth(): Date
+setEmpDateOfBirth(empDateOfBirth: Date): void
+getEmpDateOfJoining(): Date
+setEmpDateOfJoining(empDateOfJoining: Date): void
+getEmpDeptId(): int
+setEmpDeptId(empDeptId: int): void
+getEmpGrade(): String
+setEmpGrade(empGrade: String): void
+getEmpDesignation(): String
+setEmpDesignation(empDesignation: String): void
+getEmpBasic(): double
+setEmpBasic(empBasic: double): void
+getEmpGender(): String
+setEmpGender(empGender: String): void
+getEmpMaritalStatus(): String
+setEmpMaritalStatus(empMaritalStatus: String): void
+getEmpHomeAddress(): String
+setEmpHomeAddress(empHomeAddress: String): void
+getEmpContactNum(): String
+setEmpContactNum(empContactNum: String): void
+getManagerId(): String
+setManagerId(managerId: String): void
User
(from bean)
-userName: String
-password: String
-userId: String
-userType: String
+constructor=+User()
+getUserId(): String
+setUserId(userId: String): void
+getUserName(): String
+setUserName(userName: String): void
+getPassword(): String
+setPassword(password: String): void
+getUserType(): String
+setUserType(userType: String): void
LeaveBean
(from bean)
-leaveId: int
-Emp_id: String
-leave_balance: int
-noofdays_applied: int
-date_from: Date
-date_to: Date
-status: String
+constructor=+LeaveBean()
+getLeave_Id(): int
+setLeave_Id(leave_Id: int): void
+getEmp_id(): String
+setEmp_id(emp_id: String): void
+getLeave_balance(): int
+setLeave_balance(leave_balance: int): void
+getNoofdays_applied(): int
+setNoofdays_applied(noofdays_applied: int): void
+getDate_from(): Date
+setDate_from(date_from: Date): void
+getDate_to(): Date
+setDate_to(date_to: Date): void
+getStatus(): String
+setStatus(status: String): void
pl
(from ems)
AdminConsole
(from pl)
-aService: IAdminService
-userName: String
~dateFormat: SimpleDateFormat
~date: Date
+constructor=+AdminConsole(userName: String)
+start(): void
EmployeeConsole
(from pl)
~service: IEmployeeService
-userName: String
~dateFormat: SimpleDateFormat
~date: Date
+constructor=+EmployeeConsole(userName: String)
+start(): void
Main
(from pl)
+main(args: String[*]): void
dao
(from ems)
IAdminDao
(from dao)
+realization
AdminDaoImpl
(from dao)
-log: Logger
~con: Connection = null
+constructor=+AdminDaoImpl()
+AddEmployee(employee: Employee): int
+modifyEmployee(employee: Employee): int
+viewAllEmployees(): Employee[*]
realizatio
(from dao)
UserDaoImpl
(from dao)
-log: Logger
+constructor=+UserDaoImpl()
+getUserByName(name: String): User
IEmployeeDao
(from dao)
+realizatio
IQueryMapper
(from dao)
+realizatio
EmployeeDaoImpl
(from dao)
-log: Logger
~con: Connection = null
+constructor=+EmployeeDaoImpl()
+searchById(id: String): Employee
+searchByFN(fName: String): Employee[*]
+searchByLN(lName: String): Employee[*]
+searchByDeptId(dept: int): Employee[*]
+searchByGrade(grade: String): Employee[*]
+searchByMarital(marital: String): Employee[*]
+applyLeave(leave: LeaveBean): int
+approveLeave(empId: String, mgrId: String, action: int): int
+approveOnThird(empId: String): int
+Aggregation
service
(from ems)
IEmployeeService
(from service)
IAdminService
(from service)
EmployeeServiceImpl
(from service)
~dao: IEmployeeDao
+searchById(id: String): Employee
+searchByFN(fName: String): Employee[*]
+searchByLN(lName: String): Employee[*]
+searchByDeptId(dept: int): Employee[*]
+searchByGrade(grade: String): Employee[*]
+searchByMarital(marital: String): Employee[*]
+applyLeave(leave: LeaveBean): int
+approveLeave(empId: String, mgrId: String, action: int): int
+approveOnThird(empId: String): int
AdminServiceImpl
(from service)
~dao: IAdminDao
+AddEmployee(employee: Employee): int
+modifyEmployee(employee: Employee): int
+viewAllEmployees(): Employee[*]
+validateEmployeeDetails(bean: Employee): void
+isValidId(Id: String): boolean
+isValidFirstName(firstName: String): boolean
+isValidLastName(lastName: String): boolean
+isValidDateOfBirth(date: Date): boolean
+isValidDateOfJoining(date: Date): boolean
+isValidAge(date: Date, date1: Date): boolean
+isValidDesignation(designation: String): boolean
+isValidGender(gender: String): boolean
+isValidContactNumber(contactno: String): boolean
+isValidHomeAddress(address: String): boolean
+isValidMStatus(mstat: String): boolean
+isValidGrade(grade: String): boolean
+isValidBasic(basic: double): boolean
+isValidBsalary(grade: String, basic: double): boolean
UserServiceImpl
(from service)
~dao: IUserDao
+getRole(username: String, password: String): String
IUserService
(from service)
exception
(from ems)
EmployeeException
(from exception)
-serialVersionUID: long = 8209244801807345131L (readOnly)
+constructor=+EmployeeException(arg0: String)