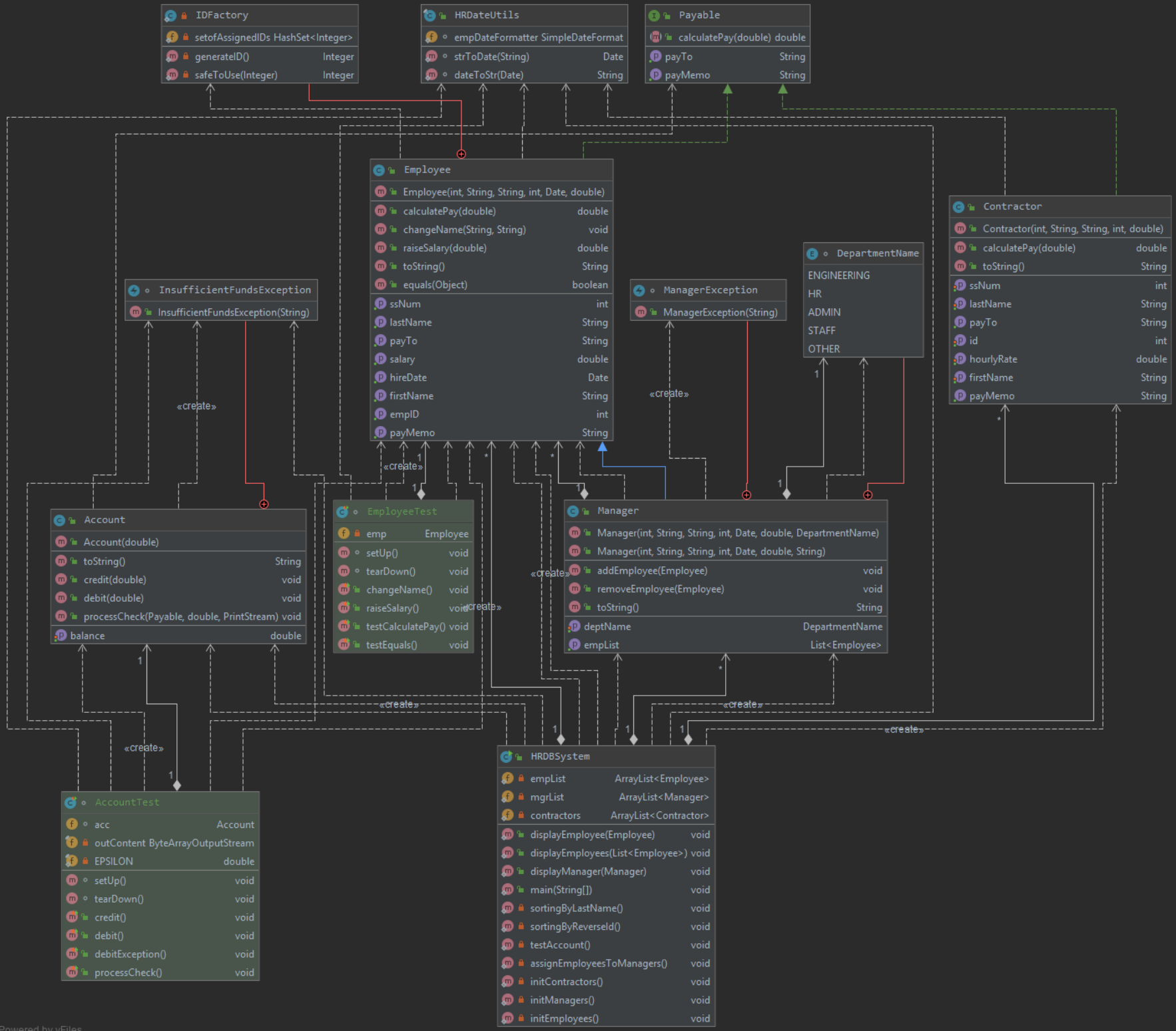
IDFactory
setofAssignedIDs HashSet<Integer>
generateID() Integer
safeToUse(Integer) Integer
HRDateUtils
empDateFormatter SimpleDateFormat
strToDate(String) Date
dateToStr(Date) String
Payable
calculatePay(double) double
payTo String
payMemo String
Employee
Employee(int, String, String, int, Date, double)
calculatePay(double) double
changeName(String, String) void
raiseSalary(double) double
toString() String
equals(Object) boolean
ssNum int
lastName String
payTo String
salary double
hireDate Date
firstName String
empID int
payMemo String
Contractor
Contractor(int, String, String, int, double)
calculatePay(double) double
toString() String
ssNum int
lastName String
payTo String
id int
hourlyRate double
firstName String
payMemo String
DepartmentName
ENGINEERING
HR
ADMIN
STAFF
OTHER
InsufficientFundsException
InsufficientFundsException(String)
ManagerException
ManagerException(String)
«create»
Account
Account(double)
toString() String
credit(double) void
debit(double) void
processCheck(Payable, double, PrintStream) void
balance double
EmployeeTest
emp Employee
setUp() void
tearDown() void
changeName() void
raiseSalary() void
testCalculatePay() void
testEquals() void
Manager
Manager(int, String, String, int, Date, double, DepartmentName)
Manager(int, String, String, int, Date, double, String)
addEmployee(Employee) void
removeEmployee(Employee) void
toString() String
deptName DepartmentName
empList List<Employee>
AccountTest
acc Account
outContent ByteArrayOutputStream
EPSILON double
setUp() void
tearDown() void
credit() void
debit() void
debitException() void
processCheck() void
HRDBSystem
empList ArrayList<Employee>
mgrList ArrayList<Manager>
contractors ArrayList<Contractor>
displayEmployee(Employee) void
displayEmployees(List<Employee>) void
displayManager(Manager) void
main(String[]) void
sortingByLastName() void
sortingByReverseId() void
testAccount() void
assignEmployeesToManagers() void
initContractors() void
initManagers() void
initEmployees() void
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