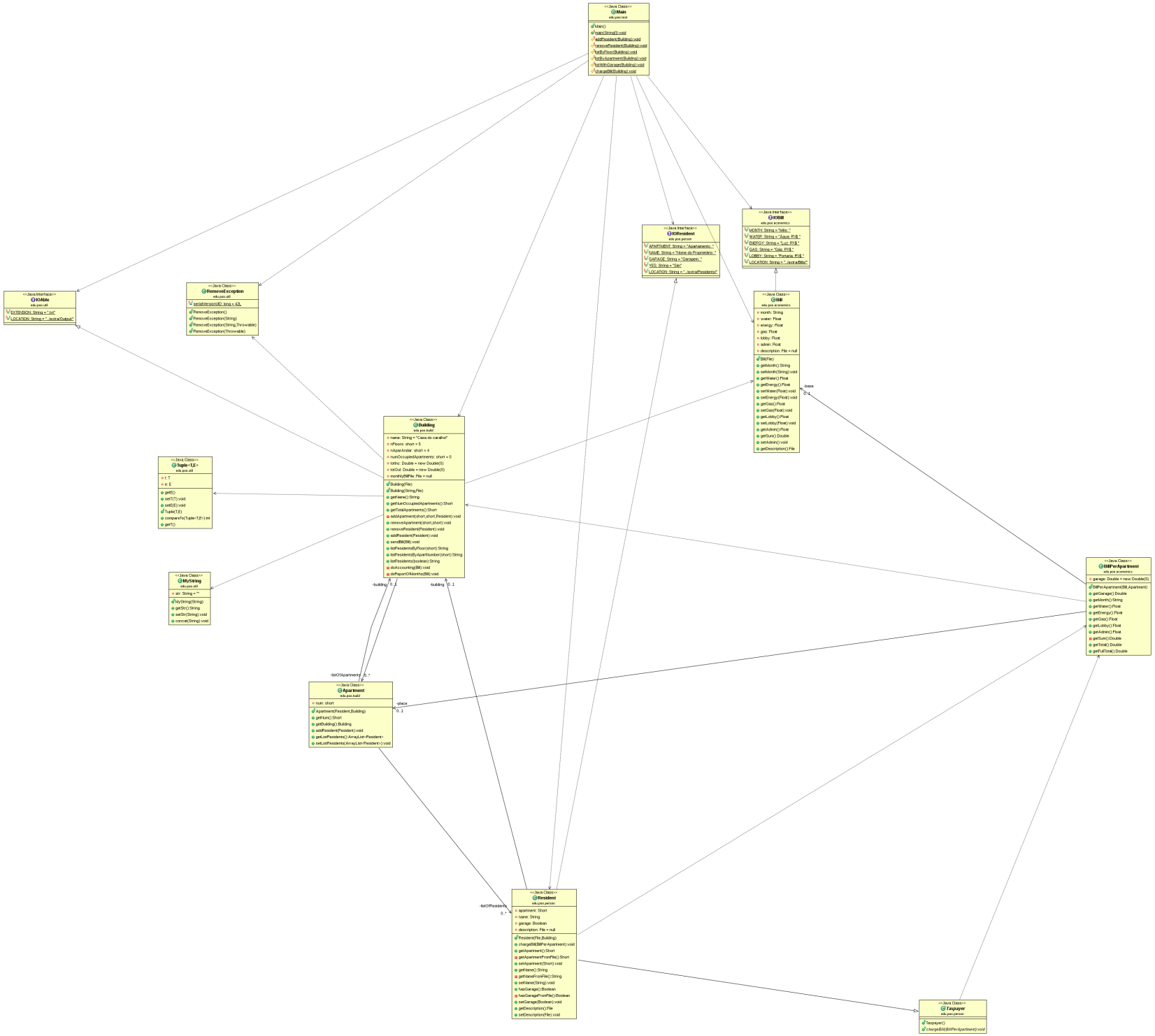
<<Java Class>>
Main
edu.pos.test
Main()
main(String[]):void
addResident(Building):void
removeResident(Building):void
listByFloor(Building):void
listByApartment(Building):void
listWithGarage(Building):void
chargeBill(Building):void
<<Java Interface>>
IOBill
edu.pos.economics
MONTH: String = "Mês: "
WATER: String = "Água: R$ "
ENERGY: String = "Luz: R$ "
GAS: String = "Gás: R$ "
LOBBY: String = "Portaria: R$ "
LOCATION: String = "../extraBills/"
<<Java Interface>>
IOResident
edu.pos.person
APARTMENT: String = "Apartamento: "
NAME: String = "Nome do Proprietário: "
GARAGE: String = "Garagem: "
YES: String = "Sim"
LOCATION: String = "../extraResidents/"
<<Java Interface>>
IOUtils
edu.pos.util
EXTENSION: String = ".txt"
LOCATION: String = "../extraOutputs/"
<<Java Class>>
RemoveException
edu.pos.util
serialVersionUID: long = 43L
RemoveException()
RemoveException(String)
RemoveException(String,Throwable)
RemoveException(Throwable)
<<Java Class>>
Bill
edu.pos.economics
month: String
water: Float
energy: Float
gas: Float
lobby: Float
admin: Float
description: File = null
Bill(File)
getMonth():String
setMonth(String):void
getWater():Float
getEnergy():Float
setWater(Float):void
setEnergy(Float):void
getGas():Float
setGas(Float):void
getLobby():Float
setLobby(Float):void
getAdmin():Float
getSum():Double
setAdmin():void
getDescription():File
-base
0..1
<<Java Class>>
Building
edu.pos.build
name: String = "Casa do carralho!"
nFloors: short = 5
nApartAndar: short = 4
numOccupiedApartments: short = 0
totInc: Double = new Double(0)
totOut: Double = new Double(0)
monthyBillFile: File = null
Building(File)
Building(String,File)
getName():String
getNumOccupiedApartments():Short
getTotalApartments():Short
addApartment(short,short,Resident):void
removeApartment(short,short):void
removeResident(Resident):void
addResident(Resident):void
sendBill(Bill):void
listResidentsByFloor(short):String
listResidentsByApartNumber(short):String
listResidents(boolean):String
doAccounting(Bill):void
doReportOfMonth(Bill):void
-building
0..1
-building
0..1
<<Java Class>>
Tuple<T,E>
edu.pos.util
t: T
e: E
getE()
setT(T):void
setE(E):void
Tuple(T,E)
compareTo(Tuple<T,E>):int
getT()
<<Java Class>>
MyString
edu.pos.util
str: String = ""
MyString(String)
getStr():String
setStr(String):void
concat(String):void
<<Java Class>>
BillPerApartment
edu.pos.economics
garage: Double = new Double(0)
BillPerApartment(Bill,Apartment)
getGarage():Double
getMonth():String
getWater():Float
getEnergy():Float
getGas():Float
getLobby():Float
getAdmin():Float
getSum():Double
getTotal():Double
getFullTotal():Double
-listOfApartments
0..*
<<Java Class>>
Apartment
edu.pos.build
num: short
Apartment(Resident,Building)
getNum():Short
getBuilding():Building
addResident(Resident):void
getListResidents():ArrayList<Resident>
setListResidents(ArrayList<Resident>):void
-place
0..1
-listOfResidents
0..*
<<Java Class>>
Resident
edu.pos.person
apartment: Short
name: String
garage: Boolean
description: File = null
Resident(File,Building)
chargeBill(BillPerApartment):void
getApartment():Short
getApartmentFromFile():Short
setApartment(Short):void
getName():String
getNameFromFile():String
setName(String):void
hasGarage():Boolean
hasGarageFromFile():Boolean
setGarage(Boolean):void
getDescription():File
setDescription(File):void
<<Java Class>>
Taxpayer
edu.pos.person
Taxpayer()
chargeBill(BillPerApartment):void