DonorlDServer

idCounter : integerserver : DonorIDServer

- DonorIDServer()

+ instance() : DonorIDServer

+ getId() : integer
+ toString() : String

+ retrieve(input: ObjectInputStream) : void

Organization

<u>- serialVersionUID : long</u>

- donors : DonorList

- organizations : Organization

+ Organization()

+ instance() : Organization
+ retrieve() : Organization

+ save(): boolean

+ addDonor (name: String, phoneNumber: String): Donor

+ removeCreditCard(id: integer, creditCard: long): void

+ processDonations() : void + printTransactions() : void + getAllDonors() : DonorList

+ getDonor(donorld: integer) : Donor

+ removeDonor(id: integer) : Donor

Transaction

- serialVersionUID : long

creditCard : longamount : doubledata : Date

+ Transaction(donation : Donation)

+ getCreditCard() : long + getAmount() : double + getData() : Date

TransactionList

- serialVersionUID : long

- transaction : ArrayList<Transaction>

+ TransactionList()

+ addTransaction(donation : Donation) : void

+ iterator(): Iterator<Transaction>



TransactionIterator

+ count : integer

+ TransactionIterator() + next() : Transaction + hasNext() : boolean

UserInterface

userInterface : UserInterfacereader : BufferedReaderorganization : Organization

+ main (args : String []) : void

- UserInterFace()

+ instance(): UserInterface

+ getToken (prompt : String) : String- yesOrNo(prompt : String) : boolean+ getNumber(prompt : String) : integer

+ help(): void

+ addDonor() : void + removeDonor() : void + addDonnation() : void + processTransactions() : void

+ listTransactions() : void + removeCreditCard() : void + listAllDonors() : void

+ listSpecificDonor() : void

+ start() : void - save() : void - retrieve () : void