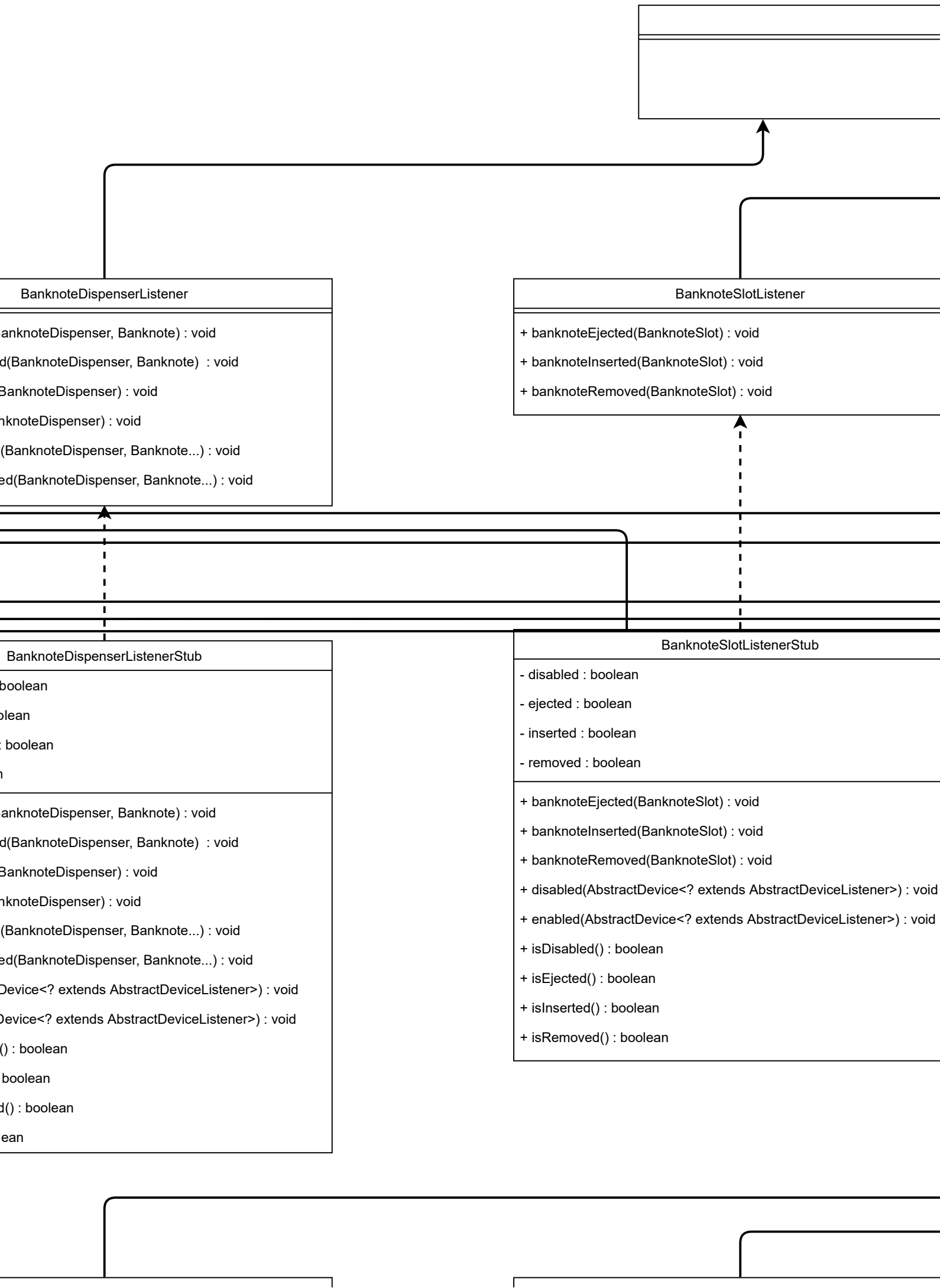
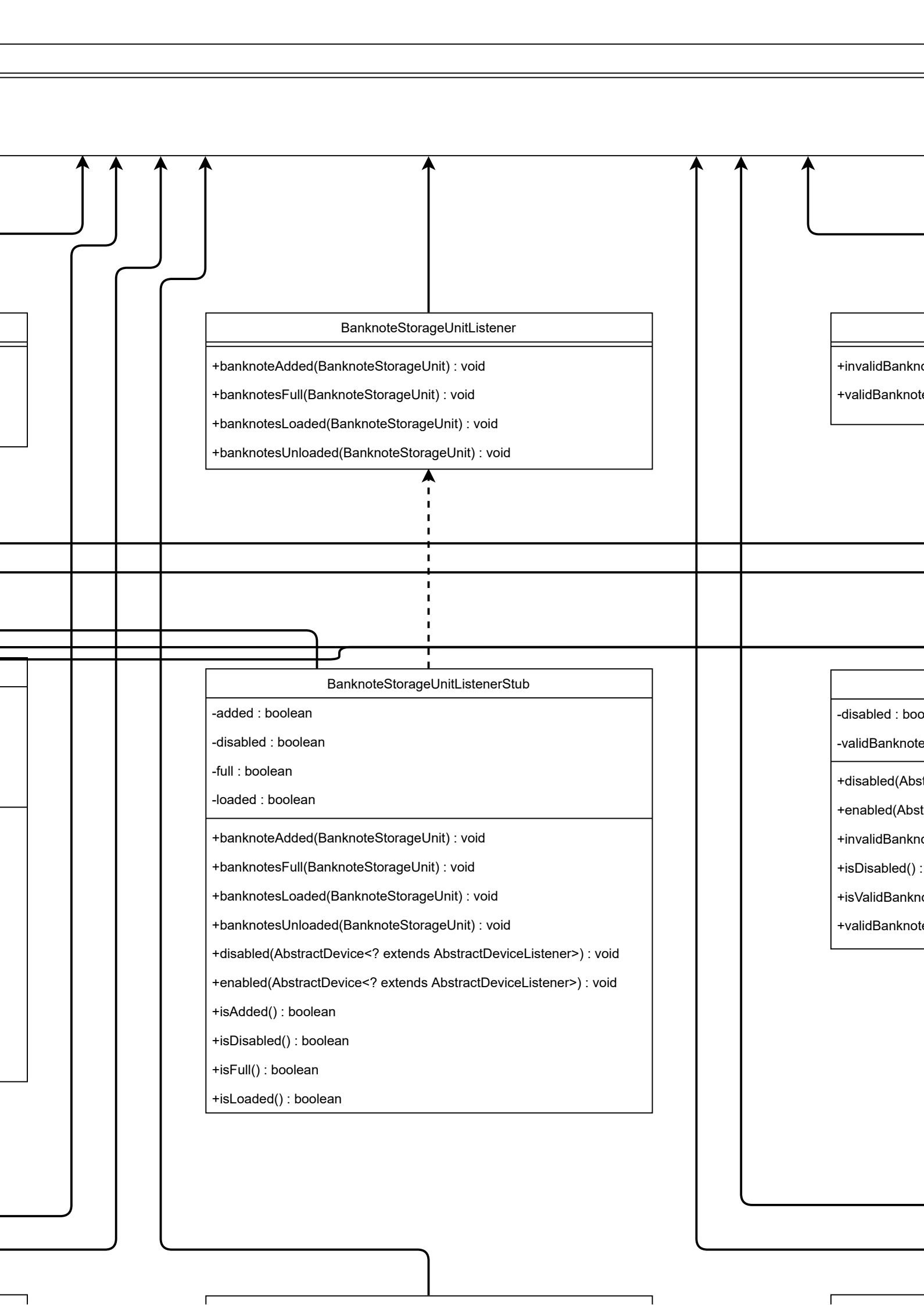


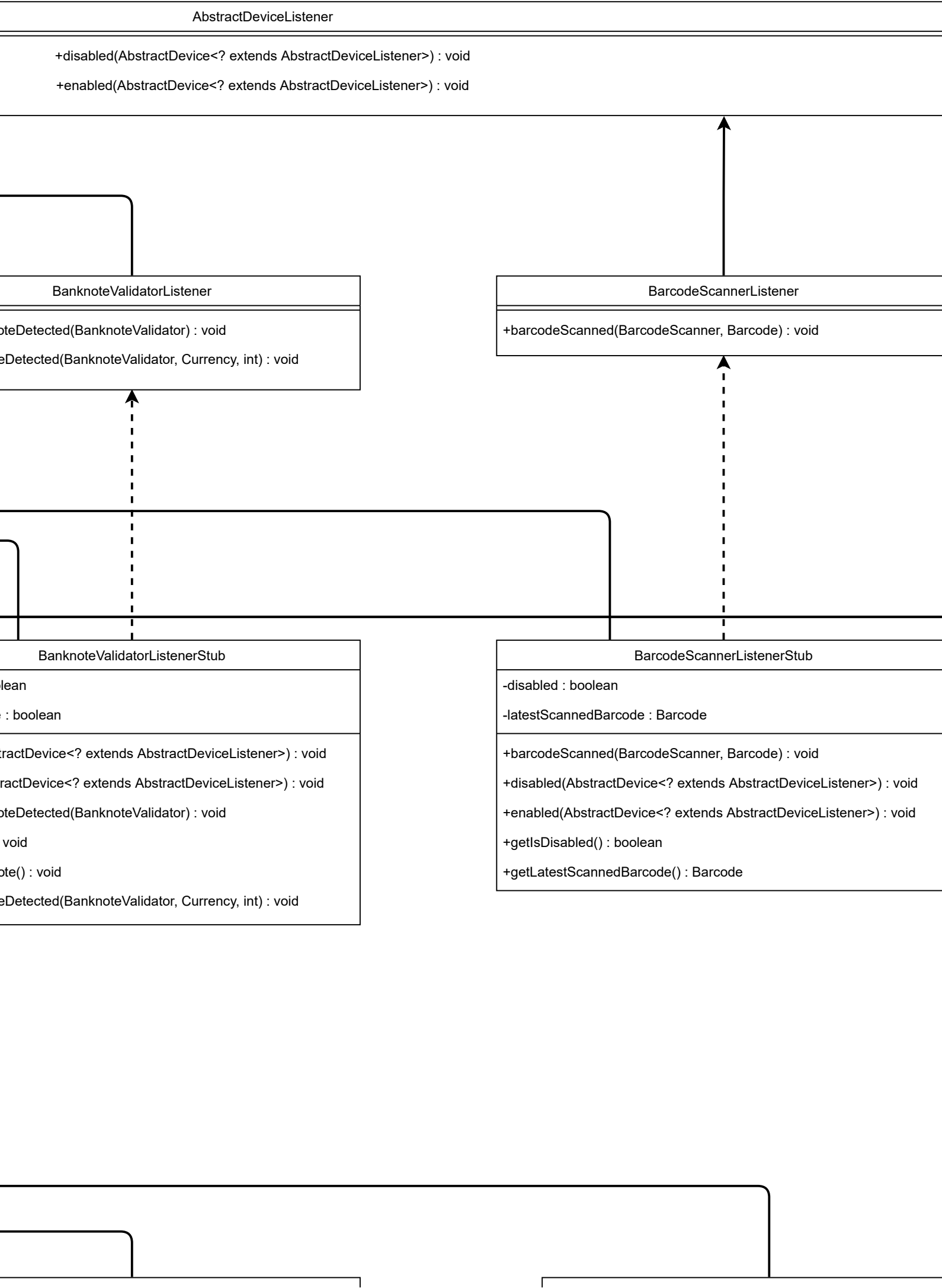
SelfCheckoutSoftware
<div><div><div>-addingItems : boolean</div><div>-amountPaid : BigDecimal</div><div>-approvedWeightDifference : double</div><div>-attendentLoggedin : boolean</div><div>-baggingAreaItems : ArrayList<BarcodedItem></div><div>-baggingAreaPluItems : ArrayList<PLUCodedItem></div><div>-banknoteSlotListener : BanknoteSlotListenerStub</div><div>-banknoteStorageUnitListener : BanknoteStorageUnitListenerStub</div><div>-banknoteValidatorListener : BanknoteValidatorListenerStub</div><div>-blocked : boolean</div><div>-cardReaderListener : CardReaderListenerStub</div><div>-changeDue : BigDecimal</div><div>-coinDispenserListener : CoinDispenserListenerStub</div><div>-coinValidatorListener : CoinValidatorListenerStub</div><div>+currentAttendant : Attendant</div><div>-currentMember : String</div><div>-inkLeft : int</div><div>-inventoryDatabase : Map<Product, Integer></div><div>-lowInk : boolean</div><div>-lowPaper : boolean</div><div>-numberOfBags : int</div><div>-paperLeft : int</div><div>-personalBags : ArrayList<BarcodedItem></div><div>-pluItems : ArrayList<PLUCodedItem></div><div>-pluProductDatabase : Map<PriceLookupCode, PLUCodedProduct></div><div>-productDatabase : Map<Barcode, BarcodedProduct></div><div>-receipt : String</div><div>-scannedItems : ArrayList<BarcodedItem></div><div>-shutDown : boolean</div><div>-station : SelfCheckoutStation</div><div>-total : BigDecimal</div></div><div><div>+ SelfCheckoutSoftware(SelfCheckoutStation)</div><div>- acceptBanknote(Banknote) : boolean</div><div>- acceptCoin(Coin) : boolean</div><div>+ addInkToPrinter(int) : boolean</div><div>+ addMember(String, String) : void</div><div>+ addOwnBag(double) : boolean</div><div>+ addPaperToPrinter(int) : boolean</div><div>+ addPLUItem(PriceLookupCode, double) : boolean</div><div>+ addPLUProduct(PLUCodedProduct, int) : void</div><div>- addPoints(int) : void</div><div>+ addProduct(BarcodedProduct, int) : void</div><div>+ attendantFindProductName(PriceLookupCode) : String</div><div>+ attendantLogout() : void</div></div></div>

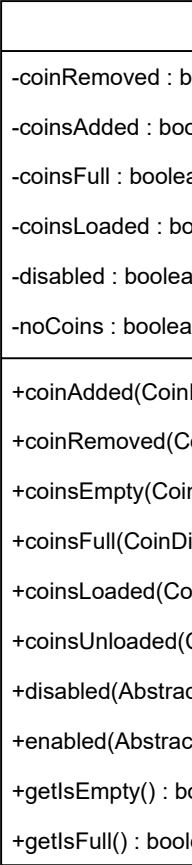
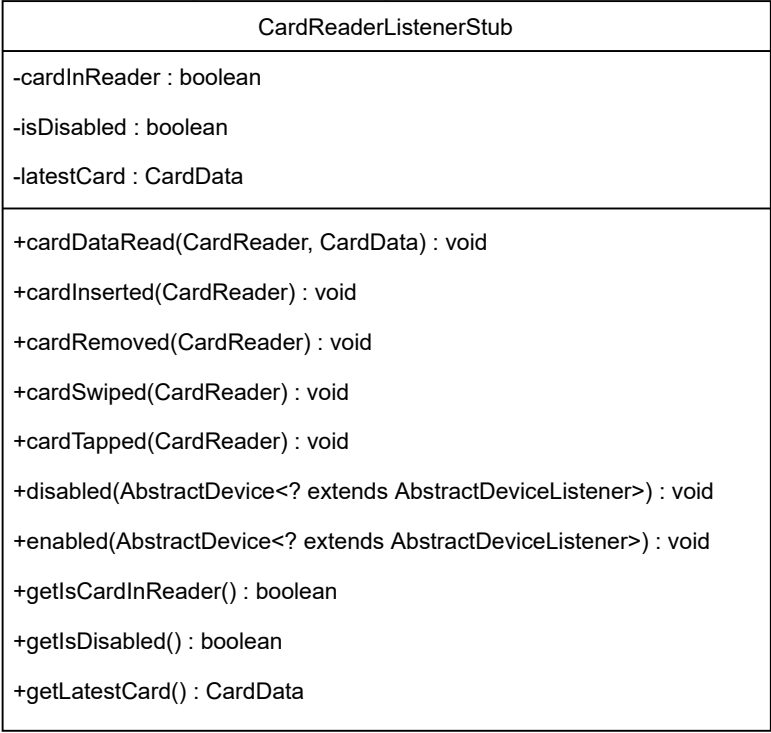
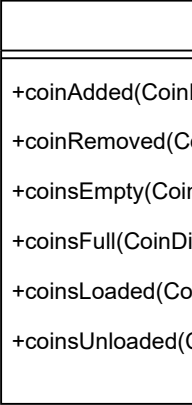
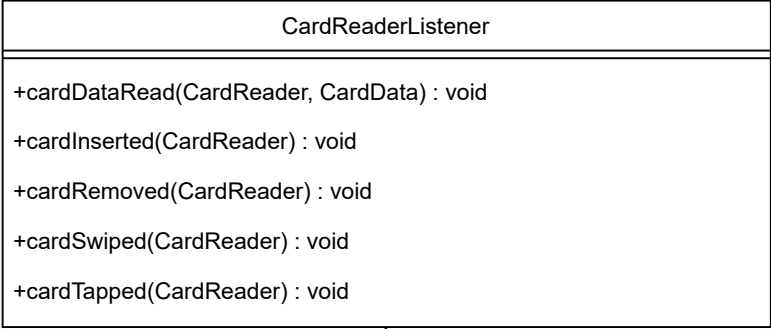
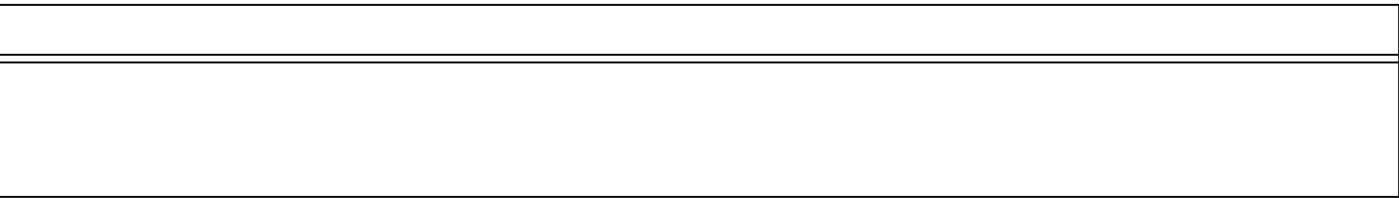
+banknoteAdded(Banknote)
+banknoteRemove(Banknote)
+banknotesEmpty()
+banknotesFull(Banknote)
+banknotesLoaded()
+banknotesUnloaded()

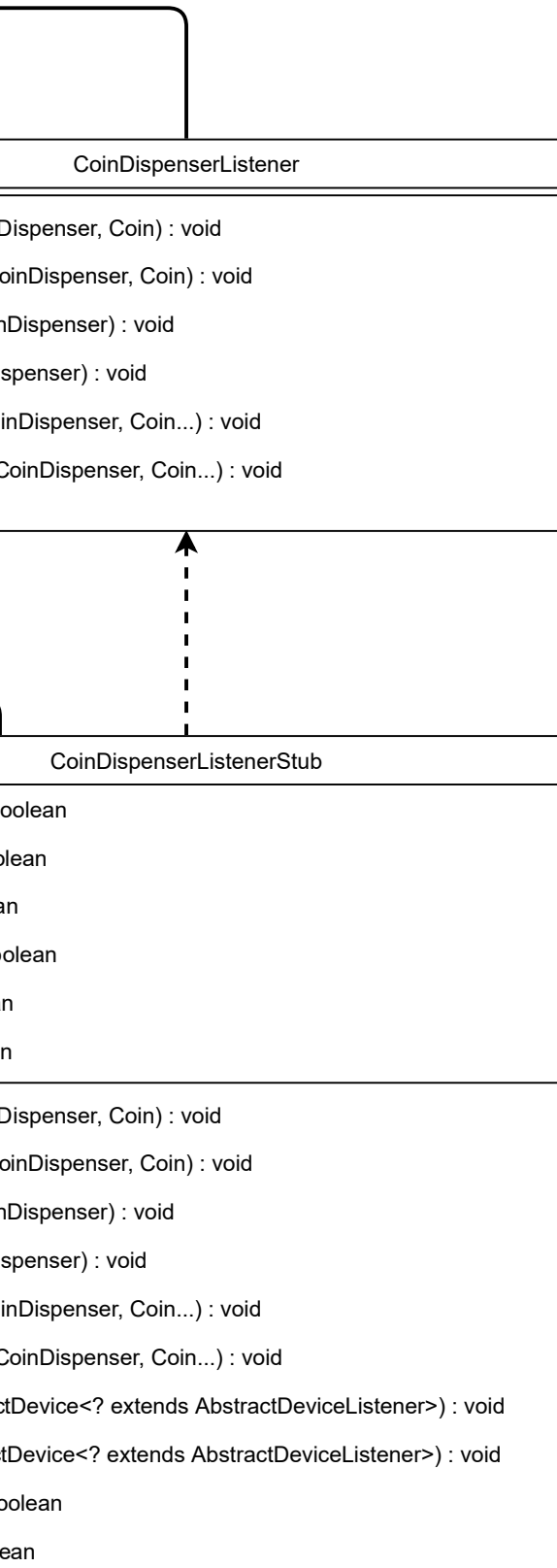
- banknoteAdded : Banknote
- banknoteFull : boolean
- banknoteLoaded : Banknote
- disabled : boolean
+banknoteAdded(Banknote)
+banknoteRemove(Banknote)
+banknotesEmpty()
+banknotesFull(Banknote)
+banknotesLoaded()
+banknotesUnloaded()
+disabled(AbstractBanknote)
+enabled(AbstractBanknote)
+isBanknoteAdded()
+isBanknoteFull()
+isBanknoteLoaded()
+isDisabled() : boolean











```
+attendantLogin(String) : void
+attendantLogout() : void
+attendantLookUpProductCode(String) : PriceLookupCode
+buildTextAreaString() : String
+changeToAttendantGUI() : void
+changeToCheckoutGUI() : void
+checkLowPaper() : void
+checkWeight() : boolean
+disableGUI() : void
+ dispenseChange(BigDecimal) : boolean
+emptyBanknoteStorage() : boolean
+emptyCoinStorage() : boolean
+enterMembershipInfo(String) : boolean
+enterNumberOfBags(int) : void
+ failToPlaceItem() : boolean
+ finishedScanningItems() : boolean
+ generateReceipt() : void
+ getAmountPaid() : BigDecimal
+ getBaggingArea() : ArrayList<BarcodedItem>
+ getBaggingAreaPlu() : ArrayList<PLUCodedItem>
+ getBaggingAreaWeight() : double
+getInkLeft() : int
+ getInventoryDB() : Map<Product, Integer>
+getLowInk() : boolean
+getLowPaper() : boolean
+getMaxWeightDiff() : double
+getPaperLeft() : int
+ getPersonalBags() : ArrayList<BarcodedItem>
+ getPluItems() : ArrayList<PLUCodedItem>
+ getProductDB() : Map<Barcode, BarcodedProduct>
+ getProductPLUDB() : Map<PriceLookupCode, PLUCodedProduct>
+ getReceipt() : String
+ getScannedItems() : ArrayList<BarcodedItem>
+getStation() : SelfCheckoutStation
+ getTotal() : BigDecimal
+ insertCard(Card, String) : boolean
+isBlocked() : boolean
+ isShutDown() : boolean
+loadBanknoteDispenser(Banknote...) : boolean
+loadCoinDispenser(Coin...) : boolean
+loadMainGUI() : void
+ lookUpProductCode(String) : PriceLookupCode
- payWithCard(CardData) : boolean
+ payWithCash(ArrayList<Banknote>) : boolean
+ payWithCoin(ArrayList<Coin>) : boolean
```

```
+coinInserted(Coin
```

```
-coinInserted : bool
```

```
-disabled : boolean
```

```
+coinInserted(Coin
```

```
+disabled(Abstract
```

```
+enabled(Abstract
```

```
+isDisabled() : bool
```

```
+CREDIT_CARD_I
```

```
+DEBIT_CARD_ISS
```

```
+GIFT_CARD_ISS
```

```
-CardIssuersDatab
```

```
+REGISTERED_AT
```

```
-AttendantDatabase
```

```
-attendantID : String
```

```
+Attendant(String)
```

```
+addInkToPrinter(S
```

```
+addPaperToPrinte
```

```
+approveWeightDis
```

```
+attendantShutDow
```

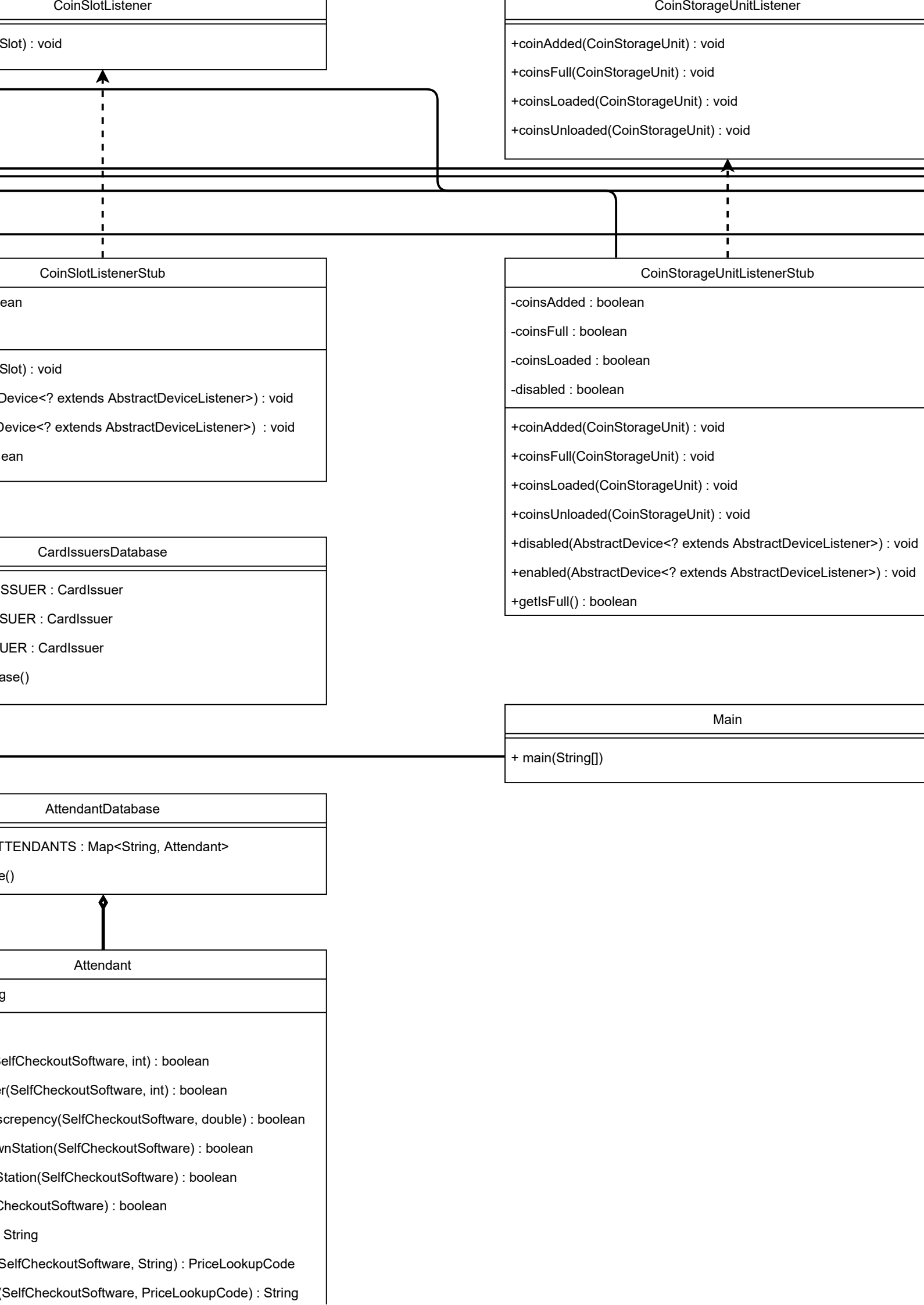
```
+attendantStartUpS
```

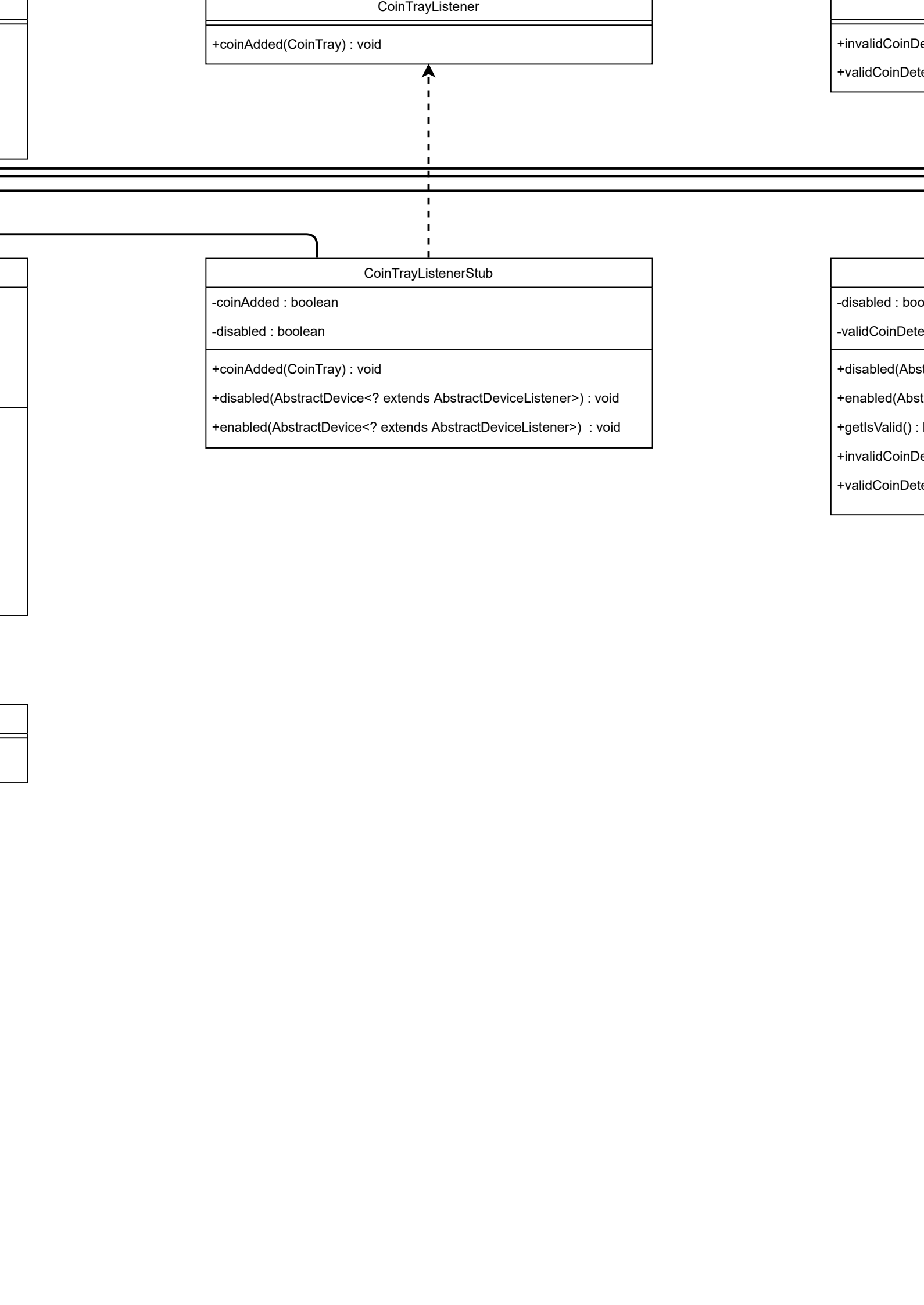
```
+blockStation(Self
```

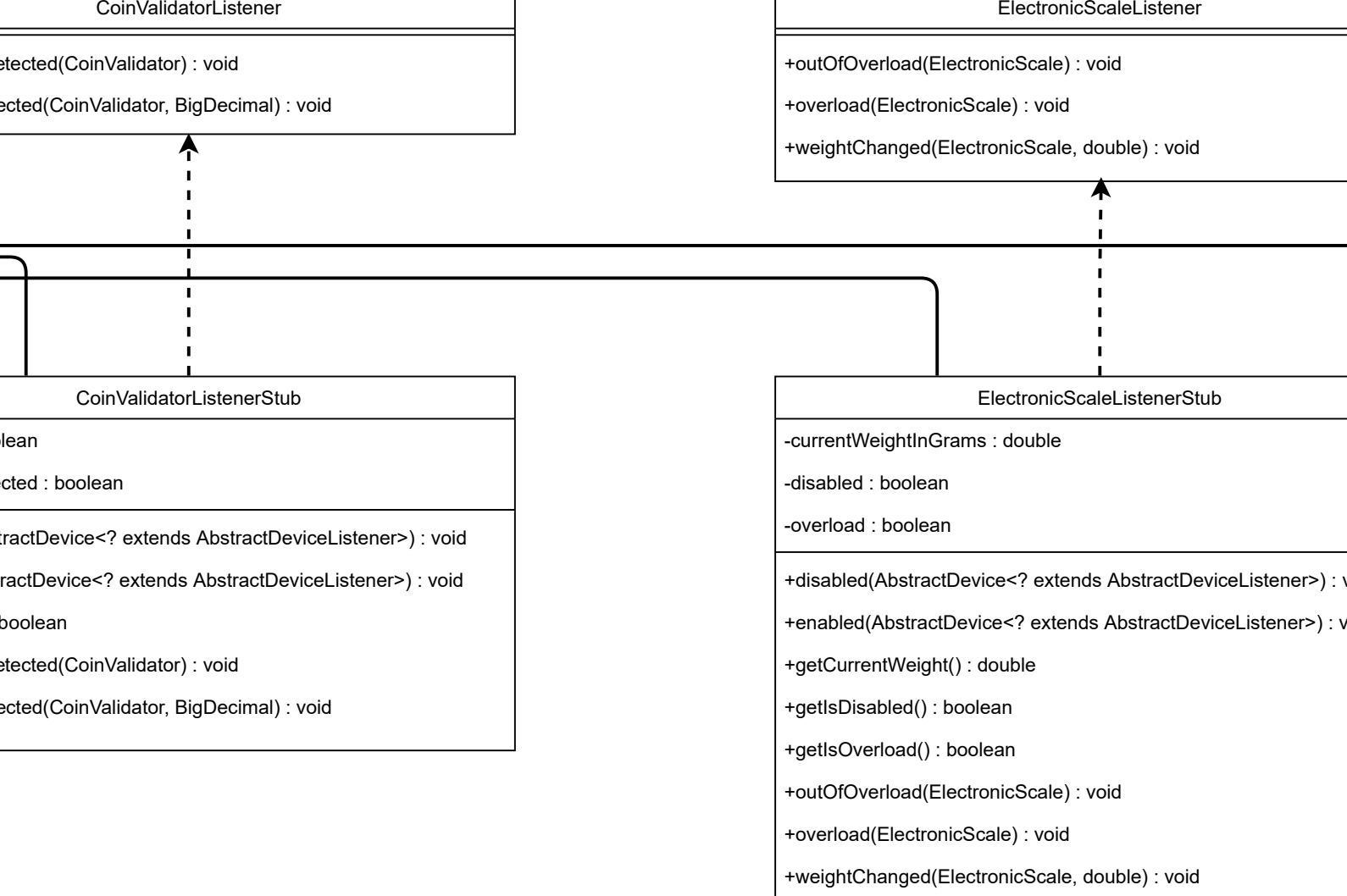
```
+getAttendantID() :
```

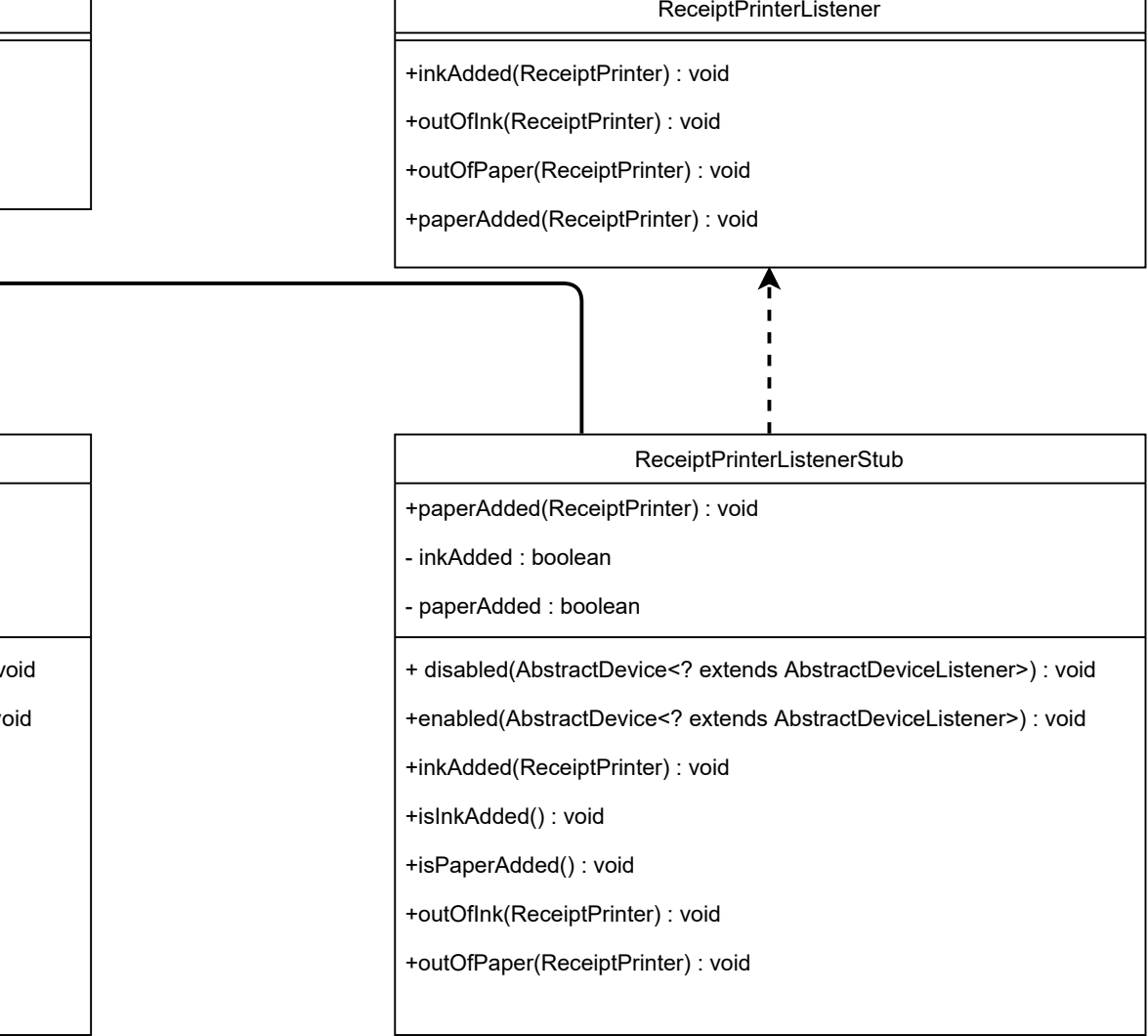
```
+lookupProdCode(
```

```
+lookupProdName
```









+ placeItemInBaggingArea(Barcode) : boolean
+ placePluItemInBaggingArea(PriceLookupCode) : boolean
+ registerAttendant(String) : void
+ removeItemBaggingArea(BarcodedItem) : boolean
+ removeMember(String) : void
+ removeOwnBag(BarcodedItem) : boolean
+ removePluItem(PLUCodedItem) : boolean
+ removePluItemBaggingArea(PLUCodedItem) : boolean
+ removePluProduct(PriceLookupCode) : boolean
+ removeProduct(Barcode) : boolean
+ removeScannedItem(BarcodedItem) : boolean
+ resetStation() : void
+ returnToAddingItems() : void
+ scanItem(Barcode, double) : boolean
+ setBlocked(boolean) : boolean
+ setMaxWeightDiff(double) : boolean
+ setShutDown(boolean) : void
+ shutDownStation() : boolean
+ startUpStation() : void
+ swipeCard(Card, BufferedImage) : boolean
+ swipeMembershipCard(Card) : boolean
+ tapCard(Card) : boolean

+removeItemFromF
+setAttendantID(St
+unBlockStation(Se

+REGISTERED_M
-MemberDatabase(

-card : Card
-name : String
-points : int
+Member(String, S
+addPoints(int) : vo
+getMemberCard()
+getName() : String
+getPoints() : int
+redeemPoints(int)

Purchase(SelfCheckoutSoftware, BarcodedItem) : bool
ring) :void
SelfCheckoutSoftware) : boolean

MemberDatabase

MEMBERS : Map<String, Member>
)



Member

tring)
oid
: Card
g
: void

