

DerivativeAsset

+id: Long
+peer: DerivativeLiability
+scale: Scale
+owner: Portfolio

+executeManually(): Unit
+executeOnSchedule(): Unit
#executeUnchecked(): Unit

DerivativeLiability

+id: Long
+name: String
+remaining: Scale
+exec: Timestamp
+owner: Portfolio
+reduceScale(Scale): Unit

DerivativeOffer

+id: Long
+handle: String
+from: Portfolio
+to: Portfolio
+price: Dollars
+expires: Timestamp

AuctionOffer

+id: Long
+handle: String
+offerer: Portfolio
+price: Price
+when: Timetamp
+expires: Timestamp
+goingPrice: Dollars
+highBid: Option[AuctionBid]
+actOn(AuctionBid): Unit
+close(): Unit

AuctionBid

+id: Long
+offer: AuctionOffer
+by: Portfolio
+price: Dollars

AuctionBid

+id: Long
+offer: AuctionOffer
+by: Portfolio
+price: Dollars