

Warehouse

- _accountingBalance: float
- _availableBalance: float

- + addBatch (product: Product, supplier: Partner, price: float, quantity: int): void
- + removeBatch (batch: Batch): void
- + addProduct (product: Product): void
- + removeProduct (product: Product): void
- + addTransaction (transaction: Transaction): void
- + addPartner (partner: Partner): void
- + hasStock (product: Product): boolean
- + aggregate (product: Derivate): boolean
- + disaggregate (partner: Partner, product: Derivate, quantity: int): void
- + buy (partner: Partner, product: Product, price: float, quantity: int): void
- + sell (partner: Partner, date: Time, product: Product, quantity: int): boolean
- + sendNotification (notification: Notification): void
- + forwardTime (increment: int): void