Classes - Data Model for Coffee Supply Chain

CoffeeAccessControl

Roles.sol

FarmerRole.sol

DistributorRole.sol

RetailerRole.sol

ConsumerRole.sol

CoffeeCore

Ownable.sol

CoffeeBase

SupplyChain.sol

- owner: address
-upc: uint
-sku: uint
-items: mapping
-itemsHistory: mapping
-State: enum
-item: struct

+constructor()
+kill()
+harvestItem()
+processItem()
+packItem()
+sellItem()
+buyItem()
+shipItem()
+receiveItem()
+purchaseItem()
+fetchItemBufferOne()
+fetchItemBufferTwo()