<< Interface >>

FlooringMasteryOrderDao

- + addOrder(Order, String): Order
- + editOrder(Order, String): Order
- + removeOrder(String, int): Order
- + getOrders(String): List<Order>
- + getOrder(String, int): Order



FlooringMasteryOrderDaoFileImpl

DELIMITER: StringfileName: StringorderList: List<Order>

- + Constructors
- + Override methods
- loadData(String): void
- + addOrder(Order, String): Order
- + editOrder(Order, String): Order
- unmarshallOrder(String): Order
- + removeOrder(String, int): Order
- + getOrders(String): List<Order>
- + getOrder(String, int): Order
- writeOrders(String): void
- marshallOrder(Order): String

<< Interface >>

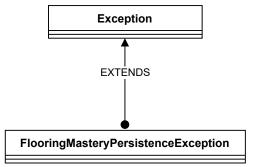
FlooringMasteryAuditDao

+ writeAuditEntry(String): void



FlooringMasteryAuditDaoFileImpl

- + AUDIT_FILE: static
- + writeAuditEntry(String): void



<< Interface >>

FlooringMasteryMaterialDao

- + getAllMaterials(): List<Material>
- + getMaterial(String): Material

IMPLEMENTS

FlooringMasteryMaterialDaoFileImpl

- DELIMITER: StringfileName: String
- productList: List<Material>
- + Override methods
- + getAllMaterials(): List<Material>
- + getMaterial(String): Material
- loadMaterials(): void
- unmarshallMaterial(String): Material

<< Interface >>

FlooringMasteryTaxDao

+ getTaxes(): List<Tax>

+ getState(): Tax

IMPLEMENTS

FlooringMasteryTaxDaoFileImpl

- DELIMITER: StringfileName: Stringtaxes: List<Tax>
- + Override Methods
- + getTaxes(): List<Tax>
- loadTaxes(): void
- unmarshallTaxes(String): Tax
- + getState(String): Tax

FlooringMasteryController

- view: FlooringMasteryView
- serviceLayer: FlooringMasteryServiceLayer
- + Constructor
- + run(): void
- displayOrders(): void
- editOrder(): void
- removeOrder(): void

Tax

- << get >> stateAbbr: String
- << get >> stateName: String
- << get >> taxRate: BigDecimal
- + Constructor
- + hashCode(): int
- + equals(Object): boolean
- + toString(): String

FlooringMasteryView

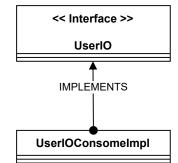
- io: UserIO
- + Constructor
- + printMenuAndGetSelection(): int
- + displayOrders(List<Order>): void
- + getUserDate(String): LocalDate
- printOrderDetails(Order): void
- + getOrderNumberToRemove(List<Order>): int
- + getConfirmation(String, Order): boolean
- + getFutureDate(String): LocalDate
- + getNewOrderInfo(List<Material>, List<Tax>): String[]
- getValidName(): String
- + getEditedOrderInfo(Order, List<Material>, List<Tax>): String[]
- + displayStates(List<Tax>): void
- + displayMaterials(List<Material>): void
- + getArea(String): BigDecimal
- + getEditedArea(BigDecimal): BigDecimal
- + getOrderNumberToEdit(List<Order>): int
- validateOrderNumber(List<Order>, int): boolean
- getValidState(String, List<Tax>): String
- getValidMaterial(String, List<Material>): String
- + displayExitBanner(): void
- + displayUnknownCommandBanner(): void
- + displayErrorMessage(String errorMsg): void

Material

- << get/set >> productType: String
- << get >> costPerSquareFoot: BigDecimal
- << get >> labourCostPerSquareFoot: BigDecimal
- + Constructor
- + hashCode(): int
- + equals(Object): boolean
- + toString(): String

Order

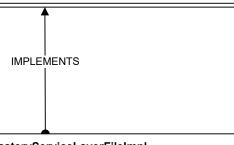
- << get/set >> orderNumber: int
- << get/set >> customerName: String;
- << get/set >> state: String;
- << get/set >> taxRate: BigDecimal
- << get/set >> productType: String
- << get/set >> area: BigDecimal
- << get/set >> costPerSquareFoot: BigDecimal
- << get/set >> labourCostPerSquareFoot: BigDecimal
- << get/set >> materialCost: BigDecimal << get/set >> labourCost: BigDecimal
- << get/set >> tax: BigDecimal
- << get/set >> total: BigDecimal
- + Constructor
- + hashCode(): int
- + equals(Object): boolean
- + toString(): String



<< Interface >>

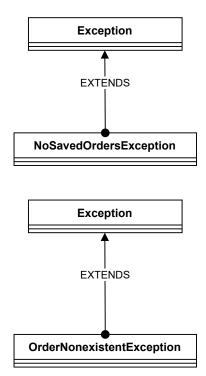
FlooringMasteryServiceLayer

- + getAllOrders(LocalDate): List<Order>
- + addOrder(LocalDate, String, String, String, BigDecimal): Order
- + editOrder(LocalDate, String, String, String, BigDecimal, int): Order
- + removeOrder(LocalDate, int): Order
- + getUnconfirmedOrder(LocalDate, String, String, String, BigDecimal): Order
- + getUnconfirmedOrder(LocalDate, String, String, BigDecimal, int): Order
- + getOrder(LocalDate, int): Order
- + getMaterial(String): Material
- + getAllMaterials(): List<Material>
- + getState(String): Tax
- + getAllStates(): List<Tax>



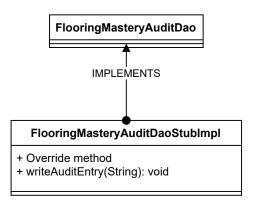
${\bf Flooring Mastery Service Layer File Impl}$

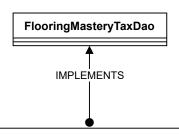
- orderDao: FlooringMasteryOrderDao
- materialDao: FlooringMasteryMaterialDao
- taxDao: FlooringMasteryTaxDao
- auditDao: FlooringMasteryAuditDao
- + Constructor
- + Override methods
- + getAllOrders(LocalDate): List<Order>
- + addOrder(LocalDate, String, String, BigDecimal): Order
- + editOrder(LocalDate, String, String, BigDecimal, int): Order
- + removeOrder(LocalDate, int): Order
- $+\ get Unconfirmed Order (Local Date,\ String,\ String,\ String,\ Big Decimal):\ Order$
- + getUnconfirmedOrder(LocalDate, String, String, BigDecimal, int): Order
- + getOrder(LocalDate, int): Order
- getNextOrderNumber(List<Order>): int
- + getMaterial(String): Material
- + getAllMaterials(): List<Material>
- + getState(String): Tax
- + getAllStates(): List<Tax>
- dateToString(LocalDate): String



Flooring Mastery Order Dao File Impl Test

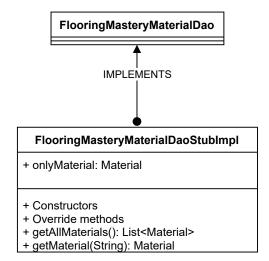
- + testDag
- + testFilePrefix
- + Constructor
- + setUpClass(): void
- + testAddGetOrder(): void
- + testAddEditOrder(): void
- + testGetAllOrders(): void
- + testRemoveOrder(): void

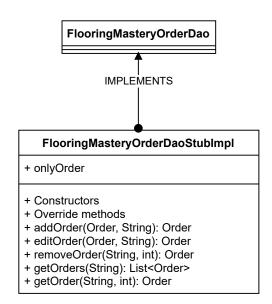




${\bf Flooring Mastery Tax Dao Stublmpl}$

- + onlyState
- + Constructors
- + Override methods
- + getTaxes(): List<Tax>
- + getState(String): Tax





FlooringMasteryServiceLayerFileImplTest

- serviceLayer
- + Constructors
- + Add tests
- + testAddOrder(): void
- + getOrder(): void
- + getAllOrders(): void
- + editOrder(): void
- + removeOrder(): void