

Item
itemName: String itemDescript: String inLocationDescript: String
Item() Item(name: String, description: String, examine, Message:String) removeItemUses(nameToCheck: String):void <u>printItemDescription(nameToCheck: String): void</u> <u>determineSamePlace(itemToCheck: String): void</u> <u>TransferItem(itemToCheck: String): void</u> <u>displayMap():void</u>

Person
locationIndex: int renderLocation: boolean name: String inventory: ArrayList<Item> MAX_INVENTORY: int inventoryEnabled: boolean
Person () Person(intLocation: int) getName(): String moveLocation (direction: int): void renderLocation (): boolean nothingThere (): void goBack (): void renderCurrentLocation(): void enableInventory (): void displayInventory(): void displayPersonallInventory():void determineAddItem (itemToAdd: String): void addItem(itemToAdd: Item): void dropltem(itemToCheck: String):void

Container
contName: String contDescription: String capacity: int contents: ArrayList<Item> hidden: boolean
Container() Container(name: String, description: String, canHold: int) Container(name: String, description: String, canHold: int, hidme: boolean)

determineContainerValid (nameToCheck: String): Container
determineSamePlace(nameToCheck: String): void
 printContainerContents(): void
 addItemToContainer (itemToAdd: Item): void
 +removeItem(thisItem: Item): void
setItemsInContainers(): void
emptyContainer(): void

Location
locationName: String locationDescription: String altDescription: String isVisited: boolean Items: ArrayList<Item> Receptacle: ArrayList<Container>
Location() Location(placeName: String, placeDescript: String, altDescript: String) changeVisited(): void addContainer(toAdd: Container): void addItem(toAdd: Item): void examine():void printItemDescriptions(): void examineContainers(): void <u>getMauled(): boolean</u> <u>setItemsAndContainers(): void</u> <u>wipeLocations(): void</u>

StackOfIntegers
-elements: int[] -size: int
+StackOfIntegers() +StackOfIntegers(capacity: int) +empty(): boolean +peek(): int +push(value: int): void +pop(): int +getSize(): int

