

::Property
-city, owner, propertyName: String -rentAmount: double ~plot: Plot
+Property(): ctor +Property(Property p): ctor +Property(String propertyName, String city, double rentAmount, String owner): ctor +Property(String propertyName, String city, double rentAmount, String owner, int x, int y, int width, int depth): ctor +getCity(): String +setCity(String city): void +getOwner(): String +setOwner(String owner): void +getPropertyName(): String +setPropertyName(String propertyName): void +getRentAmount(): double +setRentAmount(double rentAmount): void +getPlot(): Plot +setPlot(Plot plot): void +toString(): String

::ManagementCompany
-MAX_PROPERTY = 5: int -mgmFeePer: double -name: String -properties: Property[] -taxID: String -MAX_WIDTH = 10: int -MAX_DEPTH = 10: int -plot: Plot
+ManagementCompany(): ctor +ManagementCompany(String name, String taxID, double mgmFee): ctor +ManagementCompany(String name, String taxID, double mgmFee, int x, int y, int width, int depth): ctor +ManagementCompany(ManagementCompany otherCompany): ctor +addProperty(Property property): int +addProperty(String name, String city, double rent, String owner): int +addProperty(String name, String city, double rent, String owner, int x, int y, int width, int depth): int +getMAX_PROPERTY(): int +getName(): String +getPlot(): Plot +displayPropertyAtIndex(int i): String +maxPropertyRent(): String +maxPropertyRentIndex(): int +totalRent(): double +toString(): String +maxRentProp(): double

::Plot
-x, y, width, depth: int
+Plot(): ctor +Plot(Plot p): ctor +Plot(int x, int y, int width, int depth): ctor +overlaps(Plot plot): boolean +encompasses(Plot plot): boolean +getX(): int +setX(int x): void +getY(): int +setY(int y): void +getWidth(): int +setWidth(int width): void +getDepth(): int +setDepth(int depth): void +toString(): String