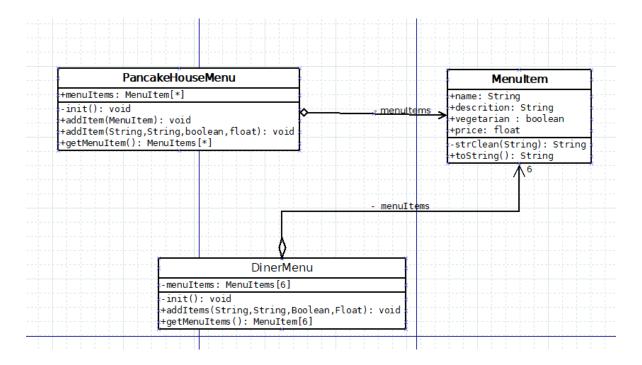
Patron Iterador

Diagrama:



Código:

DinerMenu

```
public class DinerMenu {
    2 usages
    private static final int MAX_ITEMS = 6;
    5 usages
    private int numberOfItems;
    3 usages
    MenuItem[] menuItems;
    no usages
    public DinerMenu() {
        numberOfItems = -1;
        menuItems = new MenuItem[MAX_ITEMS];
        init();
}
```

Menultem

```
import lombok.Getter;

12usages

public class MenuItem {
    @Getter
    private String name;
    @Getter
    private String description;
    2usages
    private boolean vegetarian;
    @Getter
    private double price;
```

```
2 usages
private String cleanStr(String str){
    return str.replaceAll(regex: "\\s+", replacement: " ").trim();
}

1 usage
private void setName(String name){
    this.name = cleanStr(name);
}

1 usage
private void setDescription(String description){
    this.description = cleanStr(description);
}

1 usage
private void setVegetarian(boolean vegetarian){
    this.vegetarian = vegetarian;
}

1 usage
private void setPrice(double price){
    this.price = Math.abs(price);
}
```

```
public MenuItem(){
    this( name: "", description: "", vegetarian: false, price: 0.0);
}

no usages
public boolean isVegetarian() {
    return vegetarian;
}
```

PancakeHouseMenu

Test: