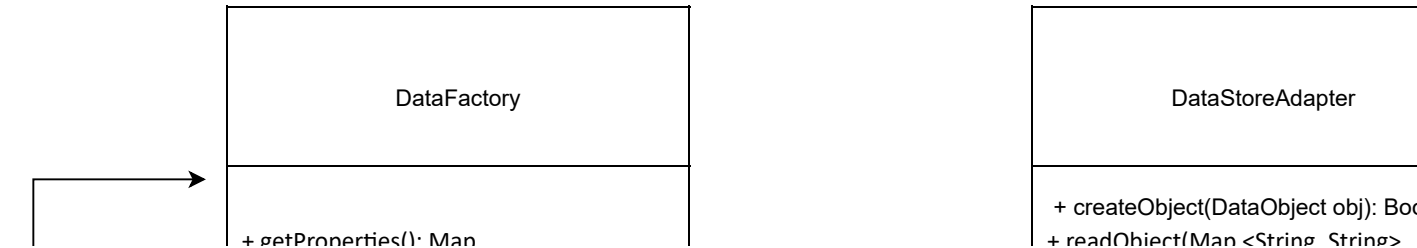
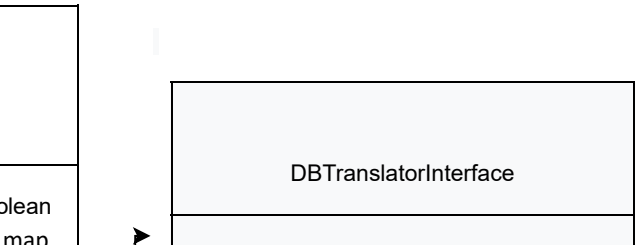
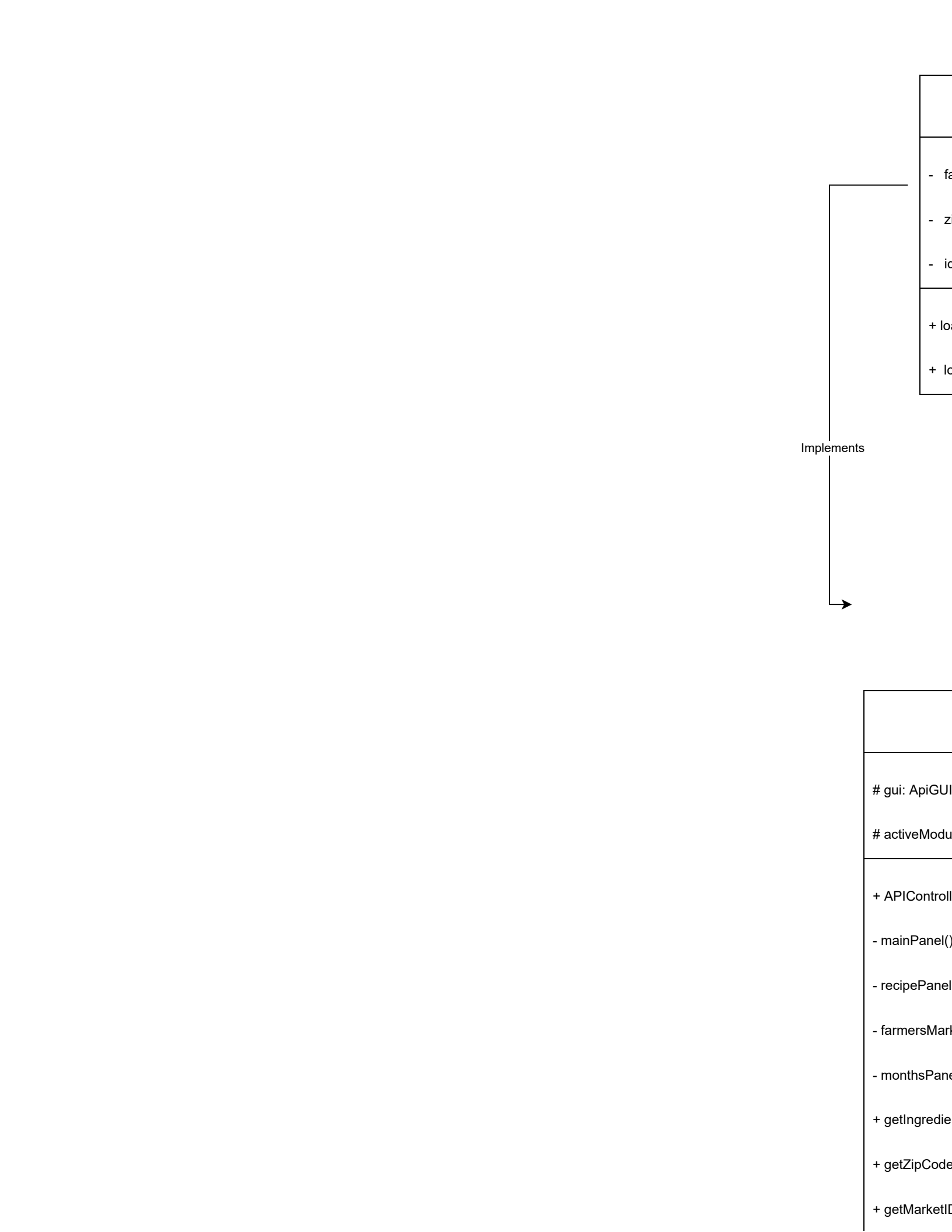
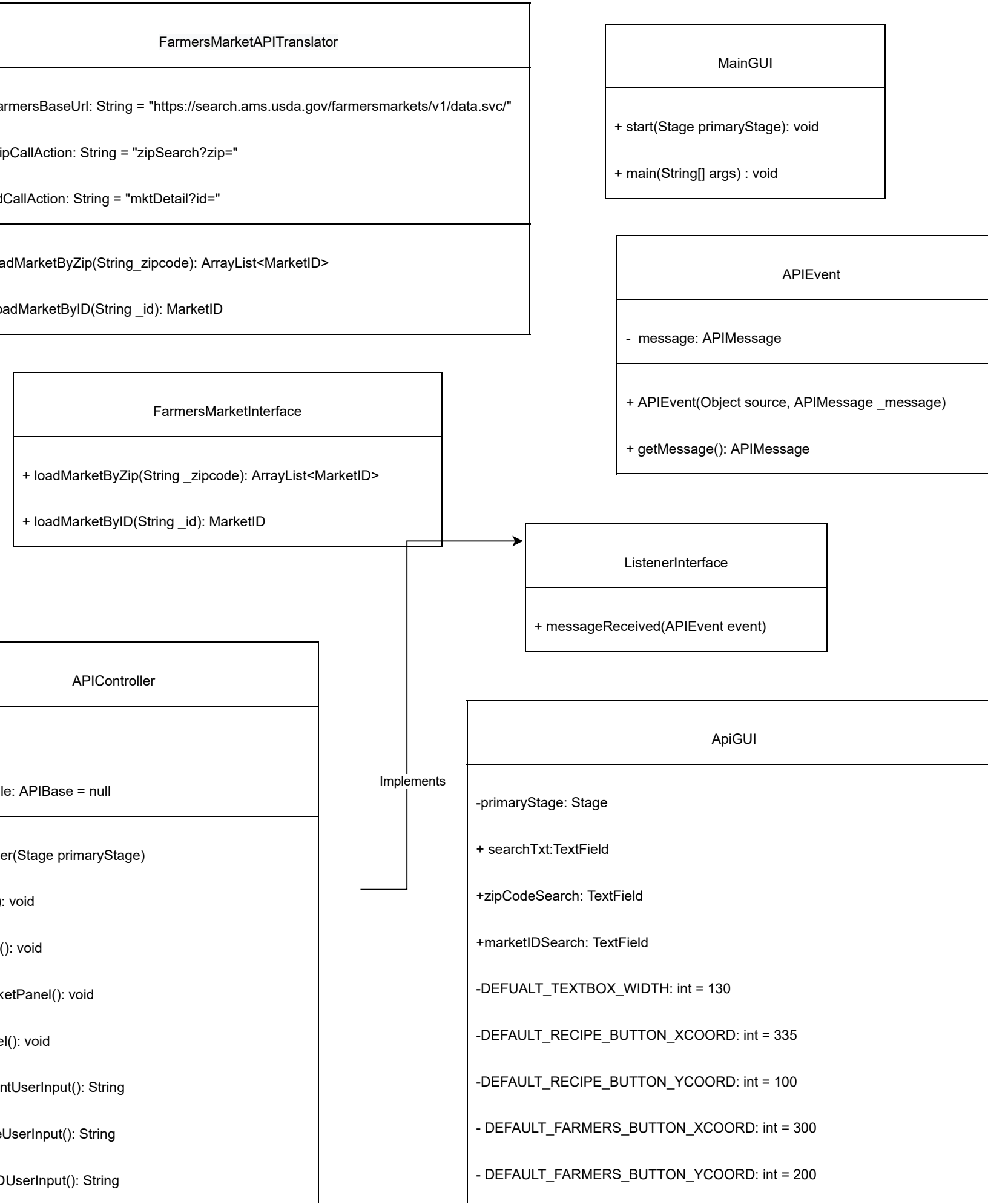
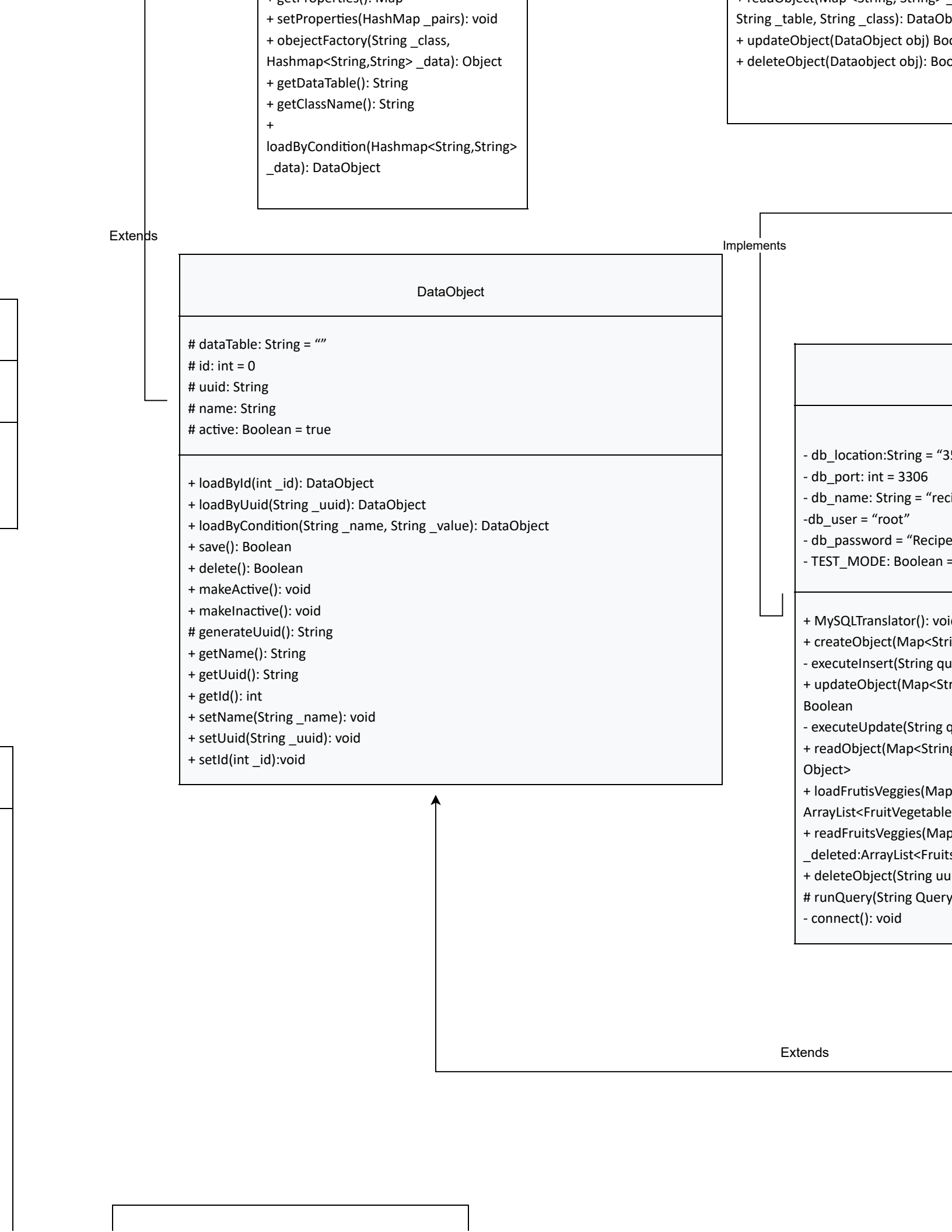
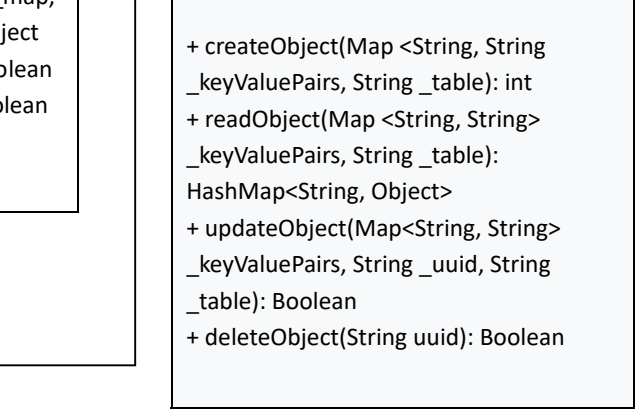

DataFactory
DataStoreAdapter
+ createObject(DataObject obj): Boo
+ readObject(Map <String, String>


olean
map
DBTranslatorInterface


-
-
-
+ lo
+ lo
Implements
gui: ApiGUI
activeModu
+ APIControll
- mainPanel()
- recipePanel
- farmersMark
- monthsPane
+ getIngredie
+ getZipCode
+ getMarketID


FarmersMarketAPITranslator
armersBaseUrl: String = "https://search.ams.usda.gov/farmersmarkets/v1/data.svc/"
ipCallAction: String = "zipSearch?zip="
dCallAction: String = "mktDetail?id="
adMarketByZip(String_zipcode): ArrayList<MarketID>
oadMarketByID(String _id): MarketID
MainGUI
+ start(Stage primaryStage): void
+ main(String[] args) : void
APIEvent
- message: APIMessage
+ APIEvent(Object source, APIMessage _message)
+ getMessage(): APIMessage
FarmersMarketInterface
+ loadMarketByZip(String _zipcode): ArrayList<MarketID>
+ loadMarketByID(String _id): MarketID
ListenerInterface
+ messageReceived(APIEvent event)
Implements
APIController
le: APIBase = null
er(Stage primaryStage)
: void
(): void
ketPanel(): void
el(): void
ntUserInput(): String
eUserInput(): String
DUserInput(): String
ApiGUI
-primaryStage: Stage
+ searchTxt:TextField
+zipCodeSearch: TextField
+marketIDSearch: TextField
-DEFUALT_TEXTBOX_WIDTH: int = 130
-DEFAULT_RECIPE_BUTTON_XCOORD: int = 335
-DEFAULT_RECIPE_BUTTON_YCOORD: int = 100
- DEFAULT_FARMERS_BUTTON_XCOORD: int = 300
- DEFAULT_FARMERS_BUTTON_YCOORD: int = 200


+ setProperties(HashMap _pairs): void
+ obejectFactory(String _class,
Hashmap<String,String> _data): Object
+ getDataTable(): String
+ getClassName(): String
+
loadByCondition(Hashmap<String,String>
_data): DataObject
String _table, String _class): DataOb
+ updateObject(DataObject obj) Boo
+ deleteObject(Dataobject obj): Boo
Extends
Implements
DataObject
dataTable: String = “”
id: int = 0
uuid: String
name: String
active: Boolean = true
+ loadById(int _id): DataObject
+ loadByUuid(String _uuid): DataObject
+ loadByCondition(String _name, String _value): DataObject
+ save(): Boolean
+ delete(): Boolean
+ makeActive(): void
+ makeInactive(): void
# generateUuid(): String
+ getName(): String
+ getUuid(): String
+ getId(): int
+ setName(String _name): void
+ setUuid(String _uuid): void
+ setId(int _id):void
- db_location:String = “3
- db_port: int = 3306
- db_name: String = “reci
-db_user = “root”
- db_password = “Recipe
- TEST_MODE: Boolean =
+ MySQLTranslator(): voi
+ createObject(Map<Stri
- executeInsert(String qu
+ updateObject(Map<Str
Boolean
- executeUpdate(String q
+ readObject(Map<String
Object>
+ loadFrutisVeggies(Map
ArrayList<FruitVegetable
+ readFruitsVeggies(Map
_deleted:ArrayList<Fruits
+ deleteObject(String uu
# runQuery(String Query
- connect(): void
Extends



+ createObject(Map <String, String
_keyValuePairs, String _table): int
+ readObject(Map <String, String>
_keyValuePairs, String _table):
HashMap<String, Object>
+ updateObject(Map<String, String>
_keyValuePairs, String _uuid, String
_table): Boolean
+ deleteObject(String uuid): Boolean

DBModel

+ JanuaryFruitMethod(): ArrayList<FruitsVegetables>
+ FebruaryFruitMethod(): ArrayList<FruitsVegetables>
+ MarchFruitMethod(): ArrayList<FruitsVegetables>
+ AprilFruitMethod(): ArrayList<FruitsVegetables>
+ MayFruitMethod(): ArrayList<FruitsVegetables>
+ JuneFruitMethod(): ArrayList<FruitsVegetables>
+ JulyFruitMethod(): ArrayList<FruitsVegetables>
+ AugustFruitMethod(): ArrayList<FruitsVegetables>
+ SeptemberFruitMethod(): ArrayList<FruitsVegetables>
+ OctoberFruitMethod(): ArrayList<FruitsVegetables>
+ NovemberFruitMethod(): ArrayList<FruitsVegetables>
+ DecemberFruitMethod(): ArrayList<FruitsVegetables>
+ JanuaryVegetableMethod(): ArrayList<FruitsVegetables>
+ FebruaryVegetableMethod(): ArrayList<FruitsVegetables>
+ MarchVegetableMethod(): ArrayList<FruitsVegetables>
+ AprilVegetableMethod(): ArrayList<FruitsVegetables>
+ MayVegetableMethod(): ArrayList<FruitsVegetables>
+ JuneVegetableMethod(): ArrayList<FruitsVegetables>
+ JulyVegetableMethod(): ArrayList<FruitsVegetables>
+ AugustVegetableMethod(): ArrayList<FruitsVegetables>
+ SeptemberVegetableMethod(): ArrayList<FruitsVegetables>
+ OctoberVegetableMethod(): ArrayList<FruitsVegetables>
+ NovemberVegetableMethod(): ArrayList<FruitsVegetables>
+ DecemberVegetableMethod(): ArrayList<FruitsVegetables>

MySQLTranslator

5.232.56.229”

ipesToInfinitydb”

stoinfinityspring2021”
= false

d
ng, String> _keyValuePairs, String _table): int
ery): int
ring, String> keyValuePairs, String _uuid, String _table):

query): Boolean
g, String> _keyValuePairs, String _table: Hashmap<String,

<String, String> _keyValuePairs, String _table:
s>
><String, String> _keyValuePairs, String _table, Boolean
sVegetables>
id): Boolean
r): ResultSet

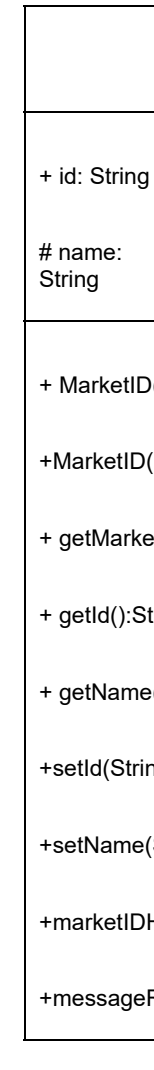
FruitsVegetables

dataTable: String = “fruits_veggies”
month:String = “”;
type:String = “”;

+ getMonth(): String
+ setMonth(): void

+getType(): String
+setType(): void

- registerPane
+ messageRe


+ id: String
# name:
String
+ MarketID
+MarketID(
+ getMarke
+ getId():St
+ getName
+setId(Strin
+setName(
+marketIDH
+messageR

elListener(APIBase newModule): void

eceived(APIEvent event): void

- DEFAULT_MONTHS_XCOORD: int = 300

- DEFAULT_MONTHS_YCOORD: int = 195

- DEFAULT_SCENE_HEIGHT: int = 800

- DEFAULT_SCENE_WIDTH: int = 600

+ ApiGUI(Stage _primaryStage)

+ loadMainPanel(): void

+ loadRecipeResultPanel(): void

+ loadFarmersMarketSearch(): void

+ loadMonthsPanel(): void

- buildMainPanel(): Scene

- buildRecipePanel(): Scene

- buildMonthsPanel(): Scene

- addButton(String title, final APIMessage throwMessage): Button

- addTextField(String title, final APIMessage throwMessage):TextField

- addTextField2(String title): TextField

- addVBox(String header): VBox

MarketID

()

String id, String name)

tInfoByID(String_id): MarketID

ring

():String

g id): void

String _name): void

HasBeenSearched(): void

Received(APIEvent event): void

APIMessage

+ EXIT_PANEL: int = 7

+ RECIPE_SEARCH_PANEL: int = 9

+ REMOVE_SEARCH: int = 10

+ ADD_SEARCH: int = 11

+ ZIPCODE_SEARCH: int = 12

+ MARKET_ID_SEARCH: int = 13

+ FARMERS_MARKET_PANEL: int = 14

+ JANUARY: int = 15

+ MONTHS_PANEL: int = 16

-
_thismessage: int

+ APIMessage(int message)

+ getCode():int

Extends

APIBase

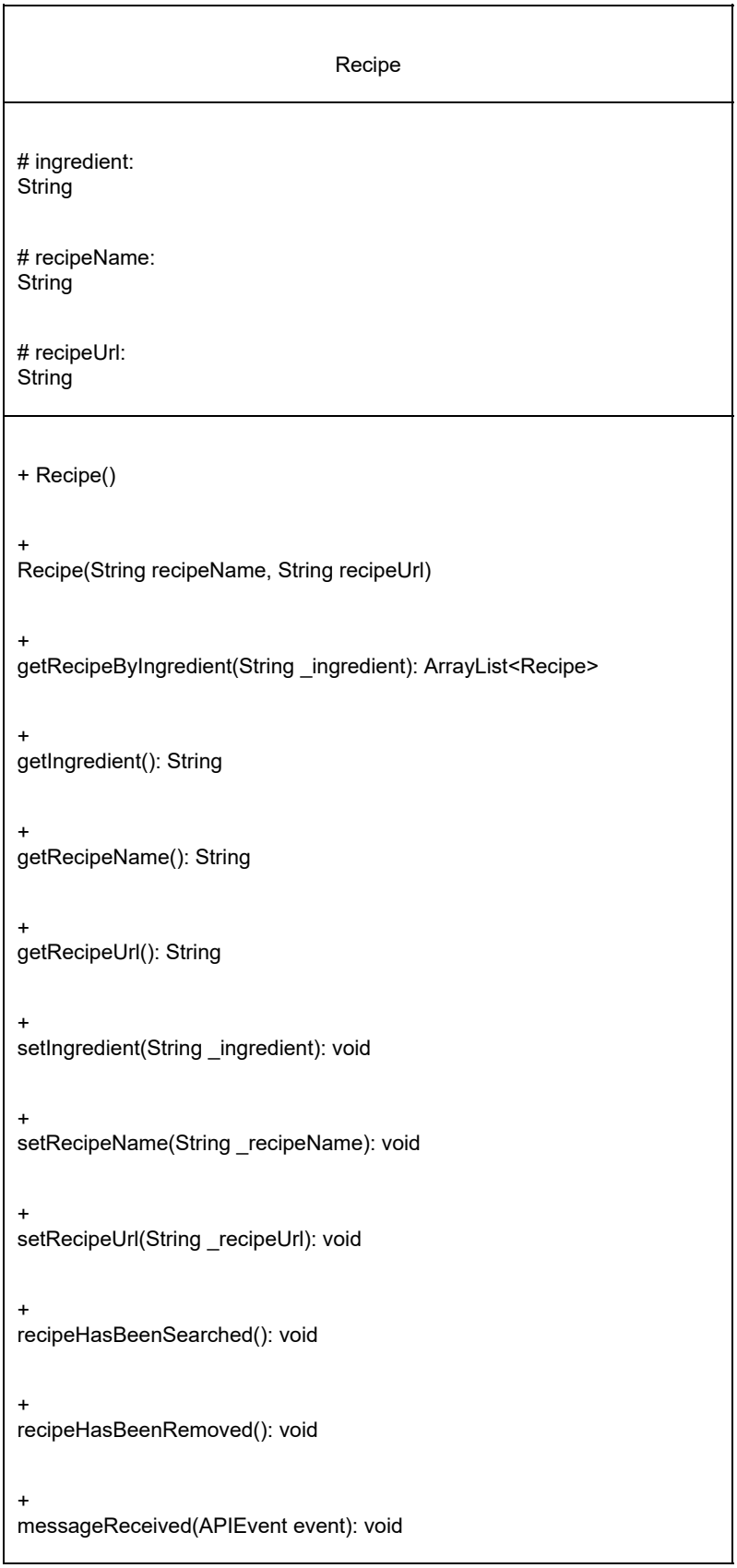
-listeners:
ArrayList

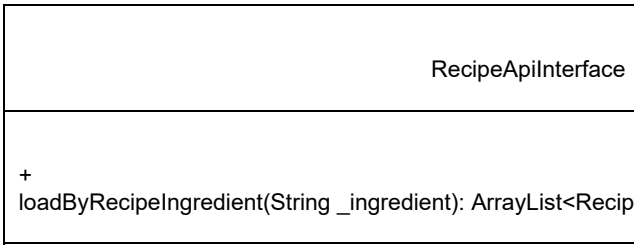
+
addListener(ListenerInterface listener): void

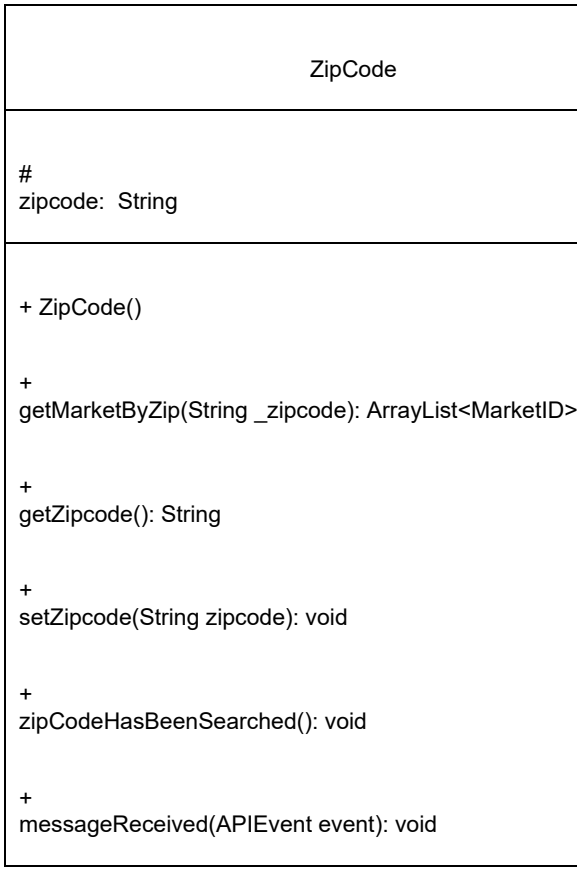
+
removeListener(ListenerInterface listener): void

# myRecipeAPI:
RecipeAPITranslator();

myMarketAPI:


Recipe
ingredient:
String
recipeName:
String
recipeUrl:
String
+ Recipe()
+
Recipe(String recipeName, String recipeUrl)
+
getRecipeByIngredient(String _ingredient): ArrayList<Recipe>
+
getIngredient(): String
+
getRecipeName(): String
+
getRecipeUrl(): String
+
setIngredient(String _ingredient): void
+
setRecipeName(String _recipeName): void
+
setRecipeUrl(String _recipeUrl): void
+
recipeHasBeenSearched(): void
+
recipeHasBeenRemoved(): void
+
messageReceived(APIEvent event): void


RecipeApiInterface
+
loadByRecipeIngredient(String _ingredient): ArrayList<Recip


ZipCode
#
zipcode: String
+ ZipCode()
+
getMarketByZip(String _zipcode): ArrayList<MarketID>
+
getZipcode(): String
+
setZipcode(String zipcode): void
+
zipCodeHasBeenSearched(): void
+
messageReceived(APIEvent event): void

FarmersMarketAPITranslator()

e>

Implements

RecipeAPITranslator

- baseUrl:
String = "https://api.edamam.com"

- callAction:
String = "/search?"

- api_ID:
String = "f280c55e"

- apiKey:
String = "36412eb89628b49e91b06ad4390b9be4"

+
loadByRecipeIngredient(String _ingredient): ArrayList<Recipe>