REST Service

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Contents

1 Namespace Index **1**

1.1 Packages 1

2 Hierarchical Index **3**

2.1 Class Hierarchy 3

3 Class Index **5**

3.1 Class List 5

4 Namespace Documentation **7**

4.1 Package ServiceLibrary 7

4.2 Package ServiceLibrary.Database 7

4.3 Package WindowsService 8

5 Class Documentation **9**

5.1 ServiceLibrary.Auth Class Reference 9

5.1.1 Detailed Description 9

5.1.2 Member Function Documentation 9

5.1.2.1 login 9

5.1.2.2 register 9

5.2 ServiceLibrary.Database.fleamarket_addresses Class Reference 10

5.3 ServiceLibrary.Database.fleamarket_items Class Reference 10

5.4 ServiceLibrary.Database.fleamarket_openings Class Reference 10

5.5 ServiceLibrary.Database.fleamarket_reviews Class Reference 11

5.6 ServiceLibrary.Database.fleamarkets Class Reference 11

5.7 ServiceLibrary.IRestService Interface Reference 11

5.7.1 Detailed Description 12

5.7.2 Member Function Documentation 13

5.7.2.1 createFleaMarket 13

5.7.2.2 createOpening 13

5.7.2.3 createReview 13

5.7.2.4 deleteFleaMarket 14

5.7.2.5 deleteOpening 14

5.7.2.6 deleteReview 14
5.7.2.7 fleamarketDescription 15
5.7.2.8 fleamarketList 16
5.7.2.9 login 16
5.7.2.10 register 16
5.7.2.11 updateFleaMarket 16
5.7.2.12 updateOpening 17
5.7.2.13 updateReview 17
5.8 WindowsService.Program Class Reference 18
5.9 WindowsService.ProjectInstaller Class Reference 18
5.9.1 Member Function Documentation 19
5.9.1.1 Dispose 19
5.10 ServiceLibrary.Response Class Reference 19
5.10.1 Detailed Description 19
5.10.2 Member Function Documentation 19
5.10.2.1 Serialize 19
5.11 ServiceLibrary.Database.RestEntities Class Reference 20
5.12 ServiceLibrary.RestService Class Reference 21
5.12.1 Member Function Documentation 22
5.12.1.1 createFleaMarket 22
5.12.1.2 createOpening 22
5.12.1.3 createReview 23
5.12.1.4 deleteFleaMarket 23
5.12.1.5 deleteOpening 23
5.12.1.6 deleteReview 24
5.12.1.7 fleamarketDescription 24
5.12.1.8 fleamarketList 24
5.12.1.9 login 24
5.12.1.10 register 25
5.12.1.11 updateFleaMarket 25
5.12.1.12 updateOpening 25
5.12.1.13 updateReview 26
5.13 WindowsService.Service Class Reference 26
5.13.1 Member Function Documentation 27
5.13.1.1 Dispose 27
5.14 ServiceLibrary.Database.users Class Reference 27
5.15 ServiceLibrary.Utility Class Reference 28
5.15.1 Detailed Description 28
5.15.2 Member Enumeration Documentation 28
5.15.2.1 FleamarketCategory 28

5.15.3 Member Function Documentation 28
5.15.3.1 fleamarketValidateRules 28
5.15.3.2 openingValidateRules 29
5.15.3.3 reviewValidateRules 29
5.16 ServiceLibrary.Wrapper Class Reference 29
5.16.1 Detailed Description 30
5.16.2 Constructor & Destructor Documentation 30
5.16.2.1 Wrapper 30
Index 31

Chapter 1

Namespace Index

1.1 Packages

Here are the packages with brief descriptions (if available):

ServiceLibrary 7
ServiceLibrary.Database 7
WindowsService 8

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

- ServiceLibrary.Auth 9
- DbContext
  - ServiceLibrary.Database.RestEntities 20
- ServiceLibrary.Database.fleamarket_addresses 10
- ServiceLibrary.Database.fleamarket_items 10
- ServiceLibrary.Database.fleamarket_openings 10
- ServiceLibrary.Database.fleamarket_reviews 11
- ServiceLibrary.Database.fleamarkets 11
- Installer
  - WindowsService.ProjectInstaller 18
- ServiceLibrary.IRestService 11
  - ServiceLibrary.RestService 21
- WindowsService.Program 18
- ServiceLibrary.Response 19
- ServiceBase
  - WindowsService.Service 26
- ServiceLibrary.Database.users 27
- ServiceLibrary.Utility 28
- ServiceLibrary.Wrapper 29

Chapter 3

Class Index

3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

ServiceLibrary.Auth

Class that handles user authentication calls towards database 9

ServiceLibrary.Database.fleamarket_addresses 10

ServiceLibrary.Database.fleamarket_items 10

ServiceLibrary.Database.fleamarket_openings 10

ServiceLibrary.Database.fleamarket_reviews 11

ServiceLibrary.Database.fleamarkets 11

ServiceLibrary.IRestService

Interface for rest framework interfaced from the outside 11

WindowsService.Program 18

WindowsService.ProjectInstaller 18

ServiceLibrary.Response

Class to handle response of the rest framework 19

ServiceLibrary.Database.RestEntities 20

ServiceLibrary.RestService 21

WindowsService.Service 26

ServiceLibrary.Database.users 27

ServiceLibrary.Utility

Utility class that serves functions that doesnt belong anywhere specific. 28

ServiceLibrary.Wrapper

Wrapper class which is used throughout to convert results to json output for rest framework . . 29

Chapter 4

Namespace Documentation

4.1 Package ServiceLibrary

Namespaces

- package Database

Classes

- class Auth

  Class that handles user authentication calls towards database
- interface IRestService

  Interface for rest framework interfaced from the outside
- class Response

  Class to handle response of the rest framework
- class RestService
- class Utility

  Utility class that serves functions that doesnt belong anywhere specific.
- class Wrapper

  Wrapper class which is used throughout to convert results to json output for rest framework

4.2 Package ServiceLibrary.Database

Classes

- class fleamarket_addresses
- class fleamarket_items
- class fleamarket_openings
- class fleamarket_reviews
- class fleamarkets
- class RestEntities
- class users

4.3 Package WindowsService

Classes

- class Program
- class ProjectInstaller
- class Service

Chapter 5

Class Documentation

5.1 ServiceLibrary.Auth Class Reference

Class that handles user authentication calls towards database

Static Public Member Functions

- static Wrapper register (string username, string password)

  Function registers a user with given username and password for the rest framework on the database
- static Wrapper login (string username, string password)

  Function checks whether a user with given username and password exists and is valid

5.1.1 Detailed Description

Class that handles user authentication calls towards database

5.1.2 Member Function Documentation

5.1.2.1 static Wrapper ServiceLibrary.Auth.login (string *username,* string *password*) [static]

Function checks whether a user with given username and password exists and is valid

Parameters

username	User username string
password	User password string

Returns

Returns wrapper with status and error code

5.1.2.2 static Wrapper ServiceLibrary.Auth.register (string *username,* string *password*) [static]

Function registers a user with given username and password for the rest framework on the database

Parameters

username	Users username string
password	Users password string

Returns

Returns a class wrapper with user info, error code and whether it succeded

The documentation for this class was generated from the following file:

- ServiceLibrary/auth.cs

5.2 ServiceLibrary.Database.fleamarket_addresses Class Reference

Properties

- int **id** `[get, set]`
- string **city** `[get, set]`
- string **street** `[get, set]`
- string **postcode** `[get, set]`
- float **latitude** `[get, set]`
- float **longitude** `[get, set]`
- virtual ICollection< fleamarkets > **fleamarkets** `[get, set]`

The documentation for this class was generated from the following file:

- ServiceLibrary/Database/fleamarket_addresses.cs

5.3 ServiceLibrary.Database.fleamarket_items Class Reference

Properties

- int **id** `[get, set]`
- string **name** `[get, set]`
- virtual ICollection< fleamarkets > **fleamarkets** `[get, set]`

The documentation for this class was generated from the following file:

- ServiceLibrary/Database/fleamarket_items.cs

5.4 ServiceLibrary.Database.fleamarket_openings Class Reference

Properties

- int **id** `[get, set]`
- System.DateTime **from** `[get, set]`
- System.DateTime **to** `[get, set]`
- int **fleamarkets_id** `[get, set]`
- string **description** `[get, set]`
- virtual fleamarkets **fleamarkets** `[get, set]`

The documentation for this class was generated from the following file:

- ServiceLibrary/Database/fleamarket_openings.cs

5.5 ServiceLibrary.Database.fleamarket_reviews Class Reference

Properties

- int **users_id** `[get, set]`
- int **fleamarkets_id** `[get, set]`
- string **text** `[get, set]`
- int **stars** `[get, set]`
- virtual fleamarkets **fleamarkets** `[get, set]`
- virtual users **users** `[get, set]`

The documentation for this class was generated from the following file:

- ServiceLibrary/Database/fleamarket_reviews.cs

5.6 ServiceLibrary.Database.fleamarkets Class Reference

Properties

- int **id** `[get, set]`
- string **name** `[get, set]`
- string **description** `[get, set]`
- string **logo** `[get, set]`
- System.DateTime **created_on** `[get, set]`
- System.DateTime **modified_on** `[get, set]`
- string **category** `[get, set]`
- int **fleamarket_addresses_id** `[get, set]`
- int **users_id** `[get, set]`
- virtual fleamarket_addresses **fleamarket_addresses** `[get, set]`
- virtual ICollection
  < fleamarket_openings > **fleamarket_openings** `[get, set]`
- virtual ICollection
  < fleamarket_reviews > **fleamarket_reviews** `[get, set]`
- virtual users **users** `[get, set]`
- virtual ICollection
  < fleamarket_items > **fleamarket_items** `[get, set]`

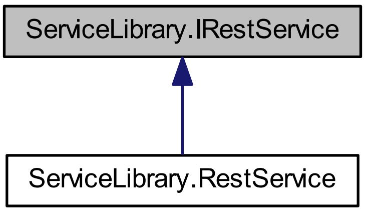
The documentation for this class was generated from the following file:

- ServiceLibrary/Database/fleamarkets.cs

5.7 ServiceLibrary.IRestService Interface Reference

Interface for rest framework interfaced from the outside

Inheritance diagram for ServiceLibrary.IRestService:



Public Member Functions

- Stream fleamarketList ()

  Function that shows all fleamarkets
- Stream fleamarketDescription (string id)

  Function that gets info about a specific market
- Stream createFleaMarket (string username, string password, string name, string description, string logo, string category, string city, string street, string postcode, string latitude, string longitude)

  Creates a fleamarket on the database if authorised for it
- Stream updateFleaMarket (string username, string password, string fleamarketId, string name, string description, string logo, string category, string city, string street, string postcode, string latitude, string longitude)

  Updates a certain fleamarket if authorised for it
- Stream deleteFleaMarket (string username, string password, string fleamarketId)

  Function that deletes a certain fleamarket if authorised for it
- Stream createOpening (string username, string password, string fleamarketId, string from, string to, string description)

  Function that creates fleamarket openings if authorised for it
- Stream updateOpening (string username, string password, string openingId, string from, string to, string description)

  Function that updates an existing opening if authorised for it
- Stream deleteOpening (string username, string password, string openingId)

  Function that deletes an existing opening if authorised for it
- Stream register (string username, string password)

  Function that registers a user with given parameters
- Stream login (string username, string password)

  Function that checks if a username/password is a valid user
- Stream createReview (string username, string password, string fleamarketId, string stars, string text)

  Function to create review of a fleamarket, if authorised
- Stream updateReview (string username, string password, string fleamarketId, string stars, string text)

  Function to update an existing review if authorised
- Stream deleteReview (string username, string password, string fleamarketId)

  Function to delete existing reviews if authorised

5.7.1 Detailed Description

Interface for rest framework interfaced from the outside

5.7.2 Member Function Documentation

5.7.2.1 Stream ServiceLibrary.IRestService.createFleaMarket (string *username*, string *password*, string *name*, string *description*, string *logo*, string *category*, string *city*, string *street*, string *postcode*, string *latitude*, string *longitude*)

Creates a fleamarket on the database if authorised for it

Parameters

username	Username of the user that wanna add market
password	Password of the user that wanna add market
name	Name of the fleamarket
description	Description of the fleamarket
logo	Logo of the fleamarket
category	Category of the fleamarket
city	City of the fleamarket
street	Street of the fleamarket
postcode	Postcode of the fleamarket
latitude	Latitude of the fleamarket
longitude	Longitude of the fleamarket

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

5.7.2.2 Stream ServiceLibrary.IRestService.createOpening (string *username*, string *password*, string *fleamarketId*, string *from*, string *to*, string *description*)

Function that creates fleamarket openings if authorised for it

Parameters

username	Username of the user wanting to add opening
password	Password of the user wanting to add opening
fleamarketId	Id of the fleamarket to add opening
from	Datetime of the from time
to	Datetime of the to time
description	Description of the time

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

5.7.2.3 Stream ServiceLibrary.IRestService.createReview (string *username*, string *password*, string *fleamarketId*, string *stars*, string *text*)

Function to create review of a fleamarket, if authorised

Parameters

username	Username of the user wanting to create review
password	Password of the user wanting to create review
fleamarketId	Id of fleamarket to add review
stars	Amount of stars for review
text	Text for the review

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

5.7.2.4 Stream ServiceLibrary.IRestService.deleteFleaMarket (string *username,* string *password,* string *fleamarketId*)

Function that deletes a certain fleamarket if authorised for it

Parameters

username	Username of the user wanting to delete a market
password	Password of the user wanting to delete a market
fleamarketId	Id of the market to be deleted

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

5.7.2.5 Stream ServiceLibrary.IRestService.deleteOpening (string *username,* string *password,* string *openingId*)

Function that deletes an existing opening if authorised for it

Parameters

username	Username of the user wanting to delete opening
password	Password of the user wanting to delete opening
openingId	Id of opening to be deleted

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

5.7.2.6 Stream ServiceLibrary.IRestService.deleteReview (string *username,* string *password,* string *fleamarketId*)

Function to delete existing reviews if authorised

Parameters

username	Username of the user wanting to delete review
password	Password of the user wanting to delete review
fleamarketId	Id of fleamarket to delete review from

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

5.7.2.7 Stream ServiceLibrary.IRestService.fleamarketDescription (string *id*)

Function that gets info about a specific market

Parameters

id	Id of the market to get details about

Returns

JSON of a wrapper with details of a specific market

Implemented in ServiceLibrary.RestService.

5.7.2.8 Stream ServiceLibrary.IRestService.fleamarketList ( )

Function that shows all fleamarkets

Returns

JSON of a wrapper with all fleamarkets

Implemented in ServiceLibrary.RestService.

5.7.2.9 Stream ServiceLibrary.IRestService.login (string *username*, string *password*)

Function that checks if a username/password is a valid user

Parameters

username	Username of the user wanting to log in
password	Password of the user wanting to log in

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

5.7.2.10 Stream ServiceLibrary.IRestService.register (string *username*, string *password*)

Function that registers a user with given parameters

Parameters

username	Username the user wants
password	Password the user wants

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

5.7.2.11 Stream ServiceLibrary.IRestService.updateFleaMarket (string *username*, string *password*, string *fleamarketId*, string *name*, string *description*, string *logo*, string *category*, string *city*, string *street*, string *postcode*, string *latitude*, string *longitude*)

Updates a certain fleamarket if authorised for it

Parameters

username	Username of the user that wanna update market
password	Password of the user that wanna update market
fleamarketId	Fleamarket id of the market to update
name	Name of which to change fleamarket to
description	Description of which to change fleamarket to
logo	Logo of which to change fleamarket to
category	Category of which to change fleamarket to
city	City of which to change fleamarket to
street	Street of which to change fleamarket to
postcode	Postcode of which to change fleamarket to
latitude	Latitude of which to change fleamarket to
longitude	Longitude of which to change fleamarket to

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

5.7.2.12 Stream ServiceLibrary.IRestService.updateOpening (string *username,* string *password,* string *openingId,* string *from,* string *to,* string *description*)

Function that updates an existing opening if authorised for it

Parameters

username	Username of the user wanting to edit opening
password	Password of the user wanting to edit opening
openingId	Id of the opening to be updated
from	Datetime of from time
to	Datetime of to time
description	Description of the time

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

5.7.2.13 Stream ServiceLibrary.IRestService.updateReview (string *username,* string *password,* string *fleamarketId,* string *stars,* string *text*)

Function to update an existing review if authorised

Parameters

username	Username of the user updating review
password	Password of the user updating review
fleamarketId	Fleamarket id for which to change review on
stars	Amount of stars for review change
text	Text for which to change on review

Returns

JSON of a wrapper with status

Implemented in ServiceLibrary.RestService.

The documentation for this interface was generated from the following file:

- ServiceLibrary/IRestService.cs

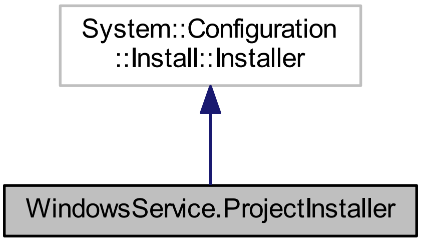
5.8 WindowsService.Program Class Reference

The documentation for this class was generated from the following file:

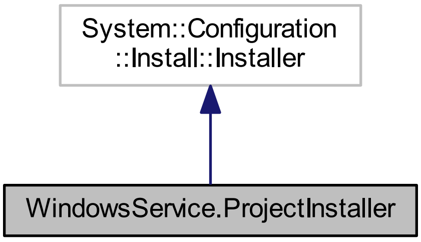
- WindowsService/Program.cs

5.9 WindowsService.ProjectInstaller Class Reference

Inheritance diagram for WindowsService.ProjectInstaller:



Collaboration diagram for WindowsService.ProjectInstaller:



Protected Member Functions

- override void Dispose (bool disposing)

  Clean up any resources being used.

5.9.1 Member Function Documentation

5.9.1.1 override void WindowsService.ProjectInstaller.Dispose (bool *disposing*) [protected]

Clean up any resources being used.

Parameters

disposing	true if managed resources should be disposed; otherwise, false.

The documentation for this class was generated from the following files:

- WindowsService/ProjectInstaller.cs
- WindowsService/ProjectInstaller.Designer.cs

5.10 ServiceLibrary.Response Class Reference

Class to handle response of the rest framework

Static Public Member Functions

- static Stream Serialize (bool status, int error, object result)

  Serialises the object into json.

5.10.1 Detailed Description

Class to handle response of the rest framework

5.10.2 Member Function Documentation

5.10.2.1 static Stream ServiceLibrary.Response.Serialize (bool *status,* int *error,* object *result*) [static]

Serialises the object into json.

Parameters

status	Bool for whether function succeeded
error	Error code to return
result	Object for which result is contained

Returns

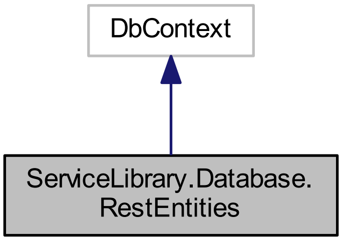
Returns memorystream for full control of output data

The documentation for this class was generated from the following file:

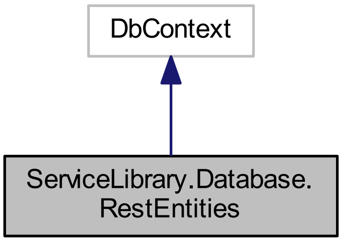
- ServiceLibrary/response.cs

5.11 ServiceLibrary.Database.RestEntities Class Reference

Inheritance diagram for ServiceLibrary.Database.RestEntities:



Collaboration diagram for ServiceLibrary.Database.RestEntities:



Protected Member Functions

- override void **OnModelCreating** (DbModelBuilder modelBuilder)

Properties

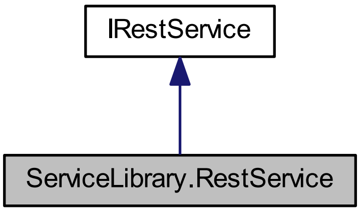
- DbSet< fleamarket_addresses > **fleamarket_addresses** `[get, set]`
- DbSet< fleamarket_items > **fleamarket_items** `[get, set]`
- DbSet< fleamarket_openings > **fleamarket_openings** `[get, set]`
- DbSet< fleamarket_reviews > **fleamarket_reviews** `[get, set]`
- DbSet< fleamarkets > **fleamarkets** `[get, set]`
- DbSet< users > **users** `[get, set]`

The documentation for this class was generated from the following file:

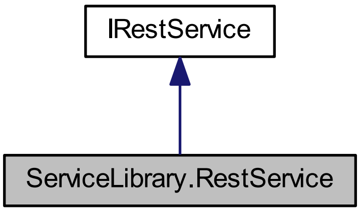
- ServiceLibrary/Database/REST.Context.cs

5.12 ServiceLibrary.RestService Class Reference

Inheritance diagram for ServiceLibrary.RestService:



Collaboration diagram for ServiceLibrary.RestService:



Public Member Functions

- Stream fleamarketList ()

  Function that shows all fleamarkets
- Stream fleamarketDescription (string id)

  Function that gets info about a specific market
- Stream register (string username, string password)

  Function that registers a user with given parameters
- Stream login (string username, string password)

  Function that checks if a username/password is a valid user
- Stream createReview (string username, string password, string fleamarketId, string stars, string text)

  Function to create review of a fleamarket, if authorised
- Stream updateReview (string username, string password, string fleamarketId, string stars, string text)

  Function to update an existing review if authorised
- Stream deleteReview (string username, string password, string fleamarketId)

  Function to delete existing reviews if authorised
- Stream createFleaMarket (string username, string password, string name, string description, string logo, string category, string city, string street, string postcode, string latitude, string longitude)

Creates a fleamarket on the database if authorised for it

- Stream updateFleaMarket (string username, string password, string fleamarketId, string name, string description, string logo, string category, string city, string street, string postcode, string latitude, string longitude)

  Updates a certain fleamarket if authorised for it
- Stream deleteFleaMarket (string username, string password, string fleamarketId)

  Function that deletes a certain fleamarket if authorised for it
- Stream createOpening (string username, string password, string fleamarketId, string from, string to, string description)

  Function that creates fleamarket openings if authorised for it
- Stream updateOpening (string username, string password, string openingId, string from, string to, string description)

  Function that updates an existing opening if authorised for it
- Stream deleteOpening (string username, string password, string openingId)

  Function that deletes an existing opening if authorised for it

5.12.1 Member Function Documentation

5.12.1.1 Stream ServiceLibrary.RestService.createFleaMarket (string *username,* string *password,* string *name,* string *description,* string *logo,* string *category,* string *city,* string *street,* string *postcode,* string *latitude,* string *longitude*)

Creates a fleamarket on the database if authorised for it

Parameters

username	Username of the user that wanna add market
password	Password of the user that wanna add market
name	Name of the fleamarket
description	Description of the fleamarket
logo	Logo of the fleamarket
category	Category of the fleamarket
city	City of the fleamarket
street	Street of the fleamarket
postcode	Postcode of the fleamarket
latitude	Latitude of the fleamarket
longitude	Longitude of the fleamarket

Returns

JSON of a wrapper with status

Implements ServiceLibrary.IRestService.

5.12.1.2 Stream ServiceLibrary.RestService.createOpening (string *username,* string *password,* string *fleamarketId,* string *from,* string *to,* string *description*)

Function that creates fleamarket openings if authorised for it

Parameters

username	Username of the user wanting to add opening
password	Password of the user wanting to add opening
fleamarketId	Id of the fleamarket to add opening

from	Datetime of the from time
to	Datetime of the to time
description	Description of the time

Returns

JSON of a wrapper with status

Implements ServiceLibrary.IRestService.

5.12.1.3 Stream ServiceLibrary.RestService.createReview (string *username,* string *password,* string *fleamarketId,* string *stars,* string *text*)

Function to create review of a fleamarket, if authorised

Parameters

username	Username of the user wanting to create review
password	Password of the user wanting to create review
fleamarketId	Id of fleamarket to add review
stars	Amount of stars for review
text	Text for the review

Returns

JSON of a wrapper with status

Implements ServiceLibrary.IRestService.

5.12.1.4 Stream ServiceLibrary.RestService.deleteFleaMarket (string *username,* string *password,* string *fleamarketId*)

Function that deletes a certain fleamarket if authorised for it

Parameters

username	Username of the user wanting to delete a market
password	Password of the user wanting to delete a market
fleamarketId	Id of the market to be deleted

Returns

JSON of a wrapper with status

Implements ServiceLibrary.IRestService.

5.12.1.5 Stream ServiceLibrary.RestService.deleteOpening (string *username,* string *password,* string *openingId*)

Function that deletes an existing opening if authorised for it

Parameters

username	Username of the user wanting to delete opening
password	Password of the user wanting to delete opening

openingId	Id of opening to be deleted

Returns

JSON of a wrapper with status

Implements ServiceLibrary.IRestService.

5.12.1.6 Stream ServiceLibrary.RestService.deleteReview (string *username,* string *password,* string *fleamarketId*)

Function to delete existing reviews if authorised

Parameters

username	Username of the user wanting to delete review
password	Password of the user wanting to delete review
fleamarketId	Id of fleamarket to delete review from

Returns

JSON of a wrapper with status

Implements ServiceLibrary.IRestService.

5.12.1.7 Stream ServiceLibrary.RestService.fleamarketDescription (string *id*)

Function that gets info about a specific market

Parameters

id	Id of the market to get details about

Returns

JSON of a wrapper with details of a specific market

Implements ServiceLibrary.IRestService.

5.12.1.8 Stream ServiceLibrary.RestService.fleamarketList ( )

Function that shows all fleamarkets

Returns

JSON of a wrapper with all fleamarkets

Implements ServiceLibrary.IRestService.

5.12.1.9 Stream ServiceLibrary.RestService.login (string *username,* string *password*)

Function that checks if a username/password is a valid user

Parameters

username	Username of the user wanting to log in
password	Password of the user wanting to log in

Returns

JSON of a wrapper with status

Implements ServiceLibrary.IRestService.

5.12.1.10 Stream ServiceLibrary.RestService.register (string *username,* string *password*)

Function that registers a user with given parameters

Parameters

username	Username the user wants
password	Password the user wants

Returns

JSON of a wrapper with status

Implements ServiceLibrary.IRestService.

5.12.1.11 Stream ServiceLibrary.RestService.updateFleaMarket (string *username,* string *password,* string *fleamarketId,* string *name,* string *description,* string *logo,* string *category,* string *city,* string *street,* string *postcode,* string *latitude,* string *longitude*)

Updates a certain fleamarket if authorised for it

Parameters

username	Username of the user that wanna update market
password	Password of the user that wanna update market
fleamarketId	Fleamarket id of the market to update
name	Name of which to change fleamarket to
description	Description of which to change fleamarket to
logo	Logo of which to change fleamarket to
category	Category of which to change fleamarket to
city	City of which to change fleamarket to
street	Street of which to change fleamarket to
postcode	Postcode of which to change fleamarket to
latitude	Latitude of which to change fleamarket to
longitude	Longitude of which to change fleamarket to

Returns

JSON of a wrapper with status

Implements ServiceLibrary.IRestService.

5.12.1.12 Stream ServiceLibrary.RestService.updateOpening (string *username,* string *password,* string *openingId,* string *from,* string *to,* string *description*)

Function that updates an existing opening if authorised for it

Parameters

username	Username of the user wanting to edit opening
password	Password of the user wanting to edit opening
openingId	Id of the opening to be updated
from	Datetime of from time
to	Datetime of to time
description	Description of the time

Returns

JSON of a wrapper with status

Implements ServiceLibrary.IRestService.

5.12.1.13 Stream ServiceLibrary.RestService.updateReview (string *username,* string *password,* string *fleamarketId,* string *stars,* string *text*)

Function to update an existing review if authorised

Parameters

username	Username of the user updating review
password	Password of the user updating review
fleamarketId	Fleamarket id for which to change review on
stars	Amount of stars for review change
text	Text for which to change on review

Returns

JSON of a wrapper with status

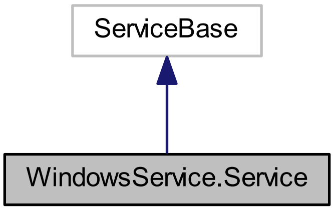
Implements ServiceLibrary.IRestService.

The documentation for this class was generated from the following file:

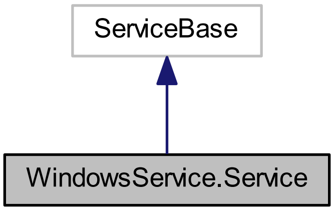
- ServiceLibrary/RestService.cs

5.13 WindowsService.Service Class Reference

Inheritance diagram for WindowsService.Service:



Collaboration diagram for WindowsService.Service:



Protected Member Functions

- override void **OnStart** (string[] args)
- override void **OnStop** ()
- override void Dispose (bool disposing)

  Clean up any resources being used.

5.13.1 Member Function Documentation

5.13.1.1 override void WindowsService.Service.Dispose (bool *disposing*) [protected]

Clean up any resources being used.

Parameters

disposing	true if managed resources should be disposed; otherwise, false.

The documentation for this class was generated from the following files:

- WindowsService/Service.cs
- WindowsService/Service.Designer.cs

5.14 ServiceLibrary.Database.users Class Reference

Properties

- int **id** [get, set]
- string **email** [get, set]
- string **name** [get, set]
- string **password_hash** [get, set]
- string **salt** [get, set]
- System.DateTime **created_on** [get, set]
- System.DateTime **modified_on** [get, set]
- virtual ICollection < fleamarket_reviews > **fleamarket_reviews** [get, set]
- virtual ICollection< fleamarkets > **fleamarkets** [get, set]

The documentation for this class was generated from the following file:

- ServiceLibrary/Database/users.cs

5.15 ServiceLibrary.Utility Class Reference

Utility class that serves functions that doesnt belong anywhere specific.

Public Types

- enum FleamarketCategory { **flea**, **charity**, **trunk**, **other** }

  Containing enum from database

Static Public Member Functions

- static Wrapper reviewValidateRules (string fleamarketid, string stars, string text)

  Function that checks all parameters for a review
- static Wrapper openingValidateRules (string from, string to, string description)

  Function that parses and checks opening parameters
- static Wrapper fleamarketValidateRules (string name, string description, string logo, string category, string city, string street, string postcode, string latitude, string longitude)

  Function that checks parameters for a fleamarket and parses them

5.15.1 Detailed Description

Utility class that serves functions that doesnt belong anywhere specific.

5.15.2 Member Enumeration Documentation

5.15.2.1 enum **ServiceLibrary.Utility.FleamarketCategory**

Containing enum from database

5.15.3 Member Function Documentation

5.15.3.1 static **Wrapper** ServiceLibrary.Utility.fleamarketValidateRules (string *name,* string *description,* string *logo,* string *category,* string *city,* string *street,* string *postcode,* string *latitude,* string *longitude*) [static]

Function that checks parameters for a fleamarket and parses them

Parameters

name	Name of the fleamarket
description	Description of the fleamarket
logo	Logo of the fleamarket
category	Category of the fleamarket
city	City of the fleamarket
street	Street of the fleamarket

postcode	Postcode of the fleamarket
latitude	Latitude of the fleamarket
longitude	Longitude of the fleamarket

Returns

Return wrapper with a fleamarket and address object to take info out of

5.15.3.2 static Wrapper ServiceLibrary.Utility.openingValidateRules (string *from*, string *to*, string *description*) [static]

Function that parses and checks opening parameters

Parameters

from	Datetime representing from
to	Datetime representing to
description	Description for opening

Returns

5.15.3.3 static Wrapper ServiceLibrary.Utility.reviewValidateRules (string *fleamarketid*, string *stars*, string *text*) [static]

Function that checks all parameters for a review

Parameters

fleamarketid	Id of the fleamarket that needs to be parsed
stars	Stars to be parsed
text	Text that needs to be checked

Returns

Returns a review in wrapper for other functions to take data from thats been parsed

The documentation for this class was generated from the following file:

- ServiceLibrary/utility.cs

5.16 ServiceLibrary.Wrapper Class Reference

Wrapper class which is used throughout to convert results to json output for rest framework

Public Member Functions

- Wrapper (bool status, int error, object result)

  Constructor for wrapper class that takes arguments for status, error and a result object and stores em for json conversion

Public Attributes

- bool **status**
- int **error**
- object **result**

5.16.1 Detailed Description

Wrapper class which is used throughout to convert results to json output for rest framework

5.16.2 Constructor & Destructor Documentation

5.16.2.1 ServiceLibrary.Wrapper.Wrapper (bool *status,* int *error,* object *result*)

Constructor for wrapper class that takes arguments for status, error and a result object and stores em for json conversion

Parameters

status	Bool for whether something is successfull or not
error	Int for which error code is to be written
result	Object for which to show results in

The documentation for this class was generated from the following file:

- ServiceLibrary/wrapper.cs

Index

createFleaMarket
  ServiceLibrary::IRestService, 13
  ServiceLibrary::RestService, 22
createOpening
  ServiceLibrary::IRestService, 13
  ServiceLibrary::RestService, 22
createReview
  ServiceLibrary::IRestService, 13
  ServiceLibrary::RestService, 23

deleteFleaMarket
  ServiceLibrary::IRestService, 14
  ServiceLibrary::RestService, 23
deleteOpening
  ServiceLibrary::IRestService, 14
  ServiceLibrary::RestService, 23
deleteReview
  ServiceLibrary::IRestService, 14
  ServiceLibrary::RestService, 24
Dispose
  WindowsService::ProjectInstaller, 19
  WindowsService::Service, 27

FleamarketCategory
  ServiceLibrary::Utility, 28
fleamarketDescription
  ServiceLibrary::IRestService, 14
  ServiceLibrary::RestService, 24
fleamarketList
  ServiceLibrary::IRestService, 16
  ServiceLibrary::RestService, 24
fleamarketValidateRules
  ServiceLibrary::Utility, 28

login
  ServiceLibrary::Auth, 9
  ServiceLibrary::IRestService, 16
  ServiceLibrary::RestService, 24

openingValidateRules
  ServiceLibrary::Utility, 29

register
  ServiceLibrary::Auth, 9
  ServiceLibrary::IRestService, 16
  ServiceLibrary::RestService, 25
reviewValidateRules
  ServiceLibrary::Utility, 29

Serialize
  ServiceLibrary::Response, 19
ServiceLibrary, 7
ServiceLibrary.Auth, 9
ServiceLibrary.Database, 7
ServiceLibrary.Database.fleamarket_addresses, 10
ServiceLibrary.Database.fleamarket_items, 10
ServiceLibrary.Database.fleamarket_openings, 10
ServiceLibrary.Database.fleamarket_reviews, 11
ServiceLibrary.Database.fleamarkets, 11
ServiceLibrary.Database.RestEntities, 20
ServiceLibrary.Database.users, 27
ServiceLibrary.IRestService, 11
ServiceLibrary.Response, 19
ServiceLibrary.RestService, 21
ServiceLibrary.Utility, 28
ServiceLibrary.Wrapper, 29
ServiceLibrary::Auth
  login, 9
  register, 9
ServiceLibrary::IRestService
  createFleaMarket, 13
  createOpening, 13
  createReview, 13
  deleteFleaMarket, 14
  deleteOpening, 14
  deleteReview, 14
  fleamarketDescription, 14
  fleamarketList, 16
  login, 16
  register, 16
  updateFleaMarket, 16
  updateOpening, 17
  updateReview, 17
ServiceLibrary::Response
  Serialize, 19
ServiceLibrary::RestService
  createFleaMarket, 22
  createOpening, 22
  createReview, 23
  deleteFleaMarket, 23
  deleteOpening, 23
  deleteReview, 24
  fleamarketDescription, 24
  fleamarketList, 24
  login, 24
  register, 25
  updateFleaMarket, 25
  updateOpening, 25
  updateReview, 26
ServiceLibrary::Utility

FleamarketCategory, 28
fleamarketValidateRules, 28
openingValidateRules, 29
reviewValidateRules, 29
ServiceLibrary::Wrapper
Wrapper, 30

updateFleaMarket
ServiceLibrary::IRestService, 16
ServiceLibrary::RestService, 25
updateOpening
ServiceLibrary::IRestService, 17
ServiceLibrary::RestService, 25
updateReview
ServiceLibrary::IRestService, 17
ServiceLibrary::RestService, 26

WindowsService, 8
WindowsService.Program, 18
WindowsService.ProjectInstaller, 18
WindowsService.Service, 26
WindowsService::ProjectInstaller
Dispose, 19
WindowsService::Service
Dispose, 27
Wrapper
ServiceLibrary::Wrapper, 30