Area

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- class FormLogin
- class FormRegister
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- interface IModuleModel
- class SpotifyModule
- class SpotifyTwitterArea
- class Token
- class TwitterModule
- class TwitterSpotifyArea
- class User
- class User_role
- class WoWCharacterList
- class WoWCharacterModel
- class WoWModuleModel
- class WoWSpotifyArea
- class WoWTwitterArea

Chapter 7

Class Documentation

7.1 Area.Models.AREA Class Reference

Collaboration diagram for Area.Models.AREA:

```
┌─────────────────────────┐
│   Area.Models.AREA      │
├─────────────────────────┤
│ + id                    │
│ + username              │
│ + type                  │
│ + index_action          │
│ + index_reaction        │
│ + last_event            │
├─────────────────────────┤
│                         │
└─────────────────────────┘
```
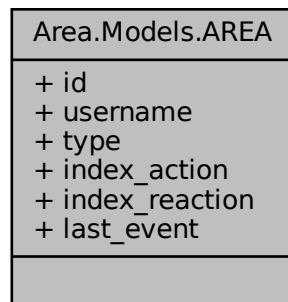
Properties

- int id `[get, set]`
- string username `[get, set]`
- int type `[get, set]`
- int index_action `[get, set]`
- int index_reaction `[get, set]`
- string last_event `[get, set]`

7.1.1 Property Documentation

7.1.1.1 id

```
int Area.Models.AREA.id  [get], [set]
```

7.1.1.2 index_action

```
int Area.Models.AREA.index_action  [get], [set]
```

7.1.1.3 index_reaction

```
int Area.Models.AREA.index_reaction  [get], [set]
```

7.1.1.4 last_event

```
string Area.Models.AREA.last_event  [get], [set]
```

7.1.1.5 type

```
int Area.Models.AREA.type  [get], [set]
```

7.1.1.6 username

```
string Area.Models.AREA.username  [get], [set]
```

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

- Models/Areas/Area.cs

7.2 Area.DAT.AreaDbContext Class Reference

Inheritance diagram for Area.DAT.AreaDbContext:
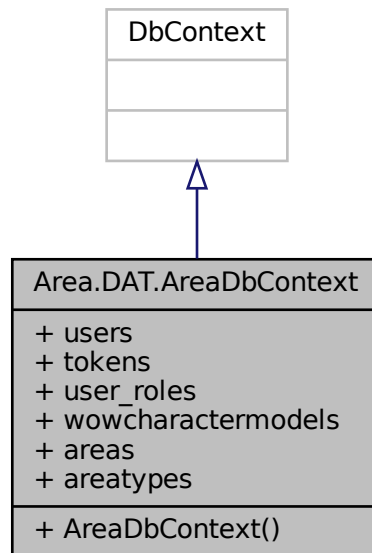
Collaboration diagram for Area.DAT.AreaDbContext:
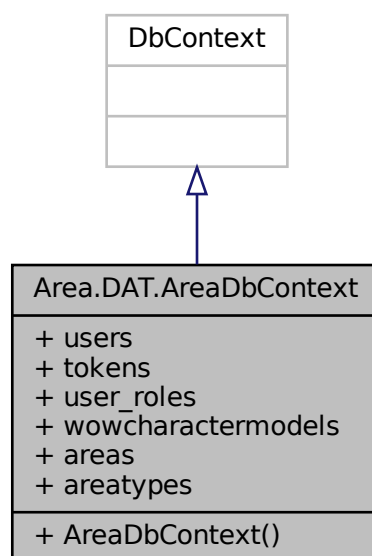
Public Member Functions

- AreaDbContext (DbContextOptions< AreaDbContext > opt)

Properties

- DbSet< User > users `[get, set]`
- DbSet< Token > tokens `[get, set]`
- DbSet< User_role > user_roles `[get, set]`
- DbSet< WoWCharacterModel > wowcharactermodels `[get, set]`
- DbSet< AREA > areas `[get, set]`
- DbSet< AreaType > areatypes `[get, set]`

7.2.1 Constructor & Destructor Documentation

7.2.1.1 AreaDbContext()

```
Area.DAT.AreaDbContext.AreaDbContext (
            DbContextOptions< AreaDbContext > opt ) [inline]
```

7.2.2 Property Documentation

7.2.2.1 areas

```
DbSet<AREA> Area.DAT.AreaDbContext.areas  [get], [set]
```

7.2.2.2 areatypes

```
DbSet<AreaType> Area.DAT.AreaDbContext.areatypes  [get], [set]
```

7.2.2.3 tokens

```
DbSet<Token> Area.DAT.AreaDbContext.tokens  [get], [set]
```

7.2.2.4   user_roles

DbSet<User_role> Area.DAT.AreaDbContext.user_roles [get], [set]

7.2.2.5   users

DbSet<User> Area.DAT.AreaDbContext.users [get], [set]

7.2.2.6   wowcharactermodels

DbSet<WoWCharacterModel> Area.DAT.AreaDbContext.wowcharactermodels [get], [set]

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

- DAT/AreaDbContext.cs

7.3   Area.DAT.AreaDbThreadContext Class Reference

Inheritance diagram for Area.DAT.AreaDbThreadContext:

Collaboration diagram for Area.DAT.AreaDbThreadContext:
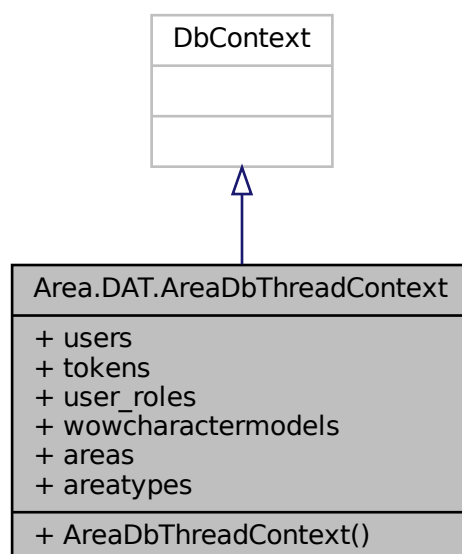
```
                    ┌─────────────────────┐
                    │     DbContext       │
                    ├─────────────────────┤
                    │                     │
                    ├─────────────────────┤
                    │                     │
                    └─────────────────────┘
                              △
                              │
          ┌──────────────────────────────────────┐
          │     Area.DAT.AreaDbThreadContext      │
          ├──────────────────────────────────────┤
          │ + users                              │
          │ + tokens                             │
          │ + user_roles                         │
          │ + wowcharactermodels                 │
          │ + areas                              │
          │ + areatypes                          │
          ├──────────────────────────────────────┤
          │ + AreaDbThreadContext()              │
          └──────────────────────────────────────┘
```
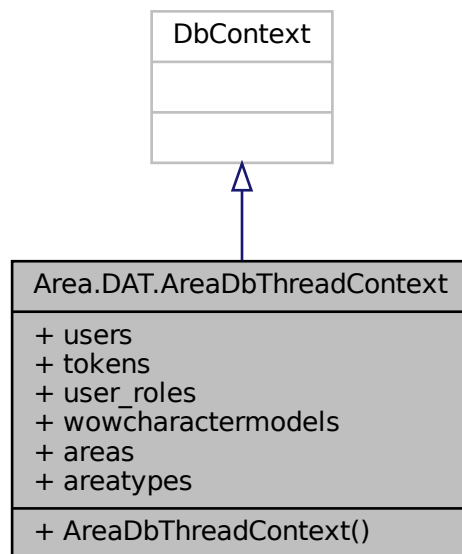
Public Member Functions

- AreaDbThreadContext (DbContextOptions< AreaDbThreadContext > opt)

Properties

- DbSet< User > users `[get, set]`
- DbSet< Token > tokens `[get, set]`
- DbSet< User_role > user_roles `[get, set]`
- DbSet< WoWCharacterModel > wowcharactermodels `[get, set]`
- DbSet< AREA > areas `[get, set]`
- DbSet< AreaType > areatypes `[get, set]`

7.3.1 Constructor & Destructor Documentation

7.3.1.1 AreaDbThreadContext()

```
Area.DAT.AreaDbThreadContext.AreaDbThreadContext (
            DbContextOptions< AreaDbThreadContext > opt ) [inline]
```

7.3.2 Property Documentation

7.3.2.1 areas

DbSet<AREA> Area.DAT.AreaDbThreadContext.areas [get], [set]

7.3.2.2 areatypes

DbSet<AreaType> Area.DAT.AreaDbThreadContext.areatypes [get], [set]

7.3.2.3 tokens

DbSet<Token> Area.DAT.AreaDbThreadContext.tokens [get], [set]

7.3.2.4 user_roles

DbSet<User_role> Area.DAT.AreaDbThreadContext.user_roles [get], [set]

7.3.2.5 users

DbSet<User> Area.DAT.AreaDbThreadContext.users [get], [set]

7.3.2.6 wowcharactermodels

DbSet<WoWCharacterModel> Area.DAT.AreaDbThreadContext.wowcharactermodels [get], [set]

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

- DAT/AreaDbContext.cs

7.4 Area.Models.AreaFactory Class Reference

Collaboration diagram for Area.Models.AreaFactory:

```
┌─────────────────────────────┐
│   Area.Models.AreaFactory   │
├─────────────────────────────┤
│                             │
├─────────────────────────────┤
│ + create()                  │
└─────────────────────────────┘
```
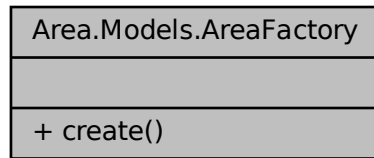
Static Public Member Functions

- static IArea create (AREA area, AreaDbContext DB)

7.4.1 Member Function Documentation

7.4.1.1 create()

```
static IArea Area.Models.AreaFactory.create (
          AREA area,
          AreaDbContext DB )  [inline], [static]
```

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

- Models/Areas/AreaFactory.cs

7.5 Area.Models.AreaType Class Reference

Collaboration diagram for Area.Models.AreaType:

```
┌─────────────────────────────┐
│    Area.Models.AreaType     │
├─────────────────────────────┤
│ + id                        │
│ + name                      │
│ + description               │
│ + create_url                │
│ + delete_url                │
│ + img_url                   │
├─────────────────────────────┤
│ + findAreaTypeById()        │
└─────────────────────────────┘
```
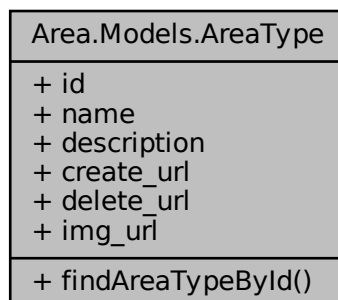
Static Public Member Functions

- static AreaType findAreaTypeById (AreaDbContext DB, int id)

Properties

- int id [get, set]
- string name [get, set]
- string description [get, set]
- string create_url [get, set]
- string delete_url [get, set]
- string img_url [get, set]

7.5.1 Member Function Documentation

7.5.1.1 findAreaTypeById()

```
static AreaType Area.Models.AreaType.findAreaTypeById (
        AreaDbContext DB,
        int id ) [inline], [static]
```

7.5.2 Property Documentation

7.5.2.1 create_url

```
string Area.Models.AreaType.create_url [get], [set]
```

7.5.2.2 delete_url

```
string Area.Models.AreaType.delete_url [get], [set]
```

7.5.2.3 description

```
string Area.Models.AreaType.description [get], [set]
```

7.5.2.4 id

```
int Area.Models.AreaType.id [get], [set]
```

7.5.2.5 img_url

```
string Area.Models.AreaType.img_url [get], [set]
```

7.5.2.6 name

```
string Area.Models.AreaType.name [get], [set]
```

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

- Models/Areas/AreaType.cs

7.6 Area.Controllers.ClientGmail Class Reference

Collaboration diagram for Area.Controllers.ClientGmail:

Area.Controllers.ClientGmail
+ SendMail()
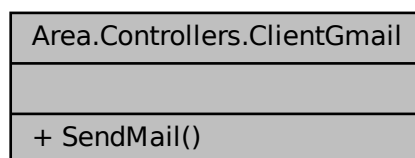
Public Member Functions

- void SendMail (string mailAddr, string code)

7.6.1 Member Function Documentation

7.6.1.1 SendMail()

```
void Area.Controllers.ClientGmail.SendMail (
            string mailAddr,
            string code ) [inline]
```

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

- Controllers/HomeController.cs

7.7 Area.Controllers.ConnectionController Class Reference

Inheritance diagram for Area.Controllers.ConnectionController:

Collaboration diagram for Area.Controllers.ConnectionController:

```
                    ┌─────────────────────┐
                    │     Controller      │
                    ├─────────────────────┤
                    │                     │
                    ├─────────────────────┤
                    │                     │
                    └─────────────────────┘
                              △
                              │
                    ┌─────────────────────┐
                    │ Area.Controllers.Connection │
                    │      Controller     │
                    ├─────────────────────┤
                    │                     │
                    ├─────────────────────┤
                    │   + Connection()    │
                    └─────────────────────┘
```
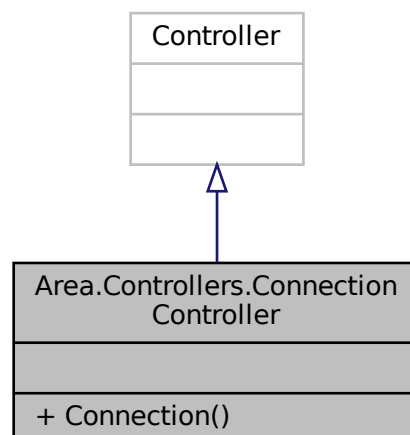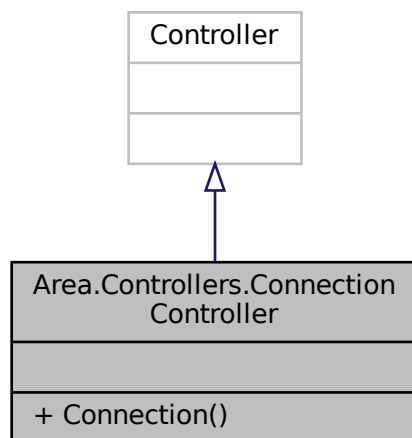
Public Member Functions

- ActionResult Connection ()

7.7.1 Member Function Documentation

7.7.1.1 Connection()

```
ActionResult Area.Controllers.ConnectionController.Connection ( )  [inline]
```

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

- Controllers/ConnectionController.cs

7.8 Area.Models.ErrorLog Class Reference

Collaboration diagram for Area.Models.ErrorLog:

```
┌─────────────────────────┐
│   Area.Models.ErrorLog  │
├─────────────────────────┤
│ + message               │
│ + enabl                 │
├─────────────────────────┤
│                         │
└─────────────────────────┘
```
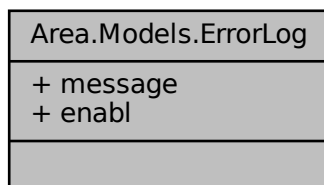
Properties

- string message [get, set]
- bool enabl [get, set]

7.8.1 Property Documentation

7.8.1.1 enabl

```
bool Area.Models.ErrorLog.enabl [get], [set]
```

7.8.1.2 message

```
string Area.Models.ErrorLog.message [get], [set]
```

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

- Models/ErrorLog.cs

7.9 Area.Models.ErrorViewModel Class Reference

Collaboration diagram for Area.Models.ErrorViewModel:

```
┌─────────────────────────────────┐
│   Area.Models.ErrorViewModel    │
├─────────────────────────────────┤
│ + ShowRequestId                 │
│ + RequestId                     │
├─────────────────────────────────┤
│                                 │
└─────────────────────────────────┘
```
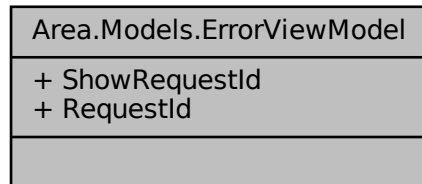
Public Attributes

- bool ShowRequestId => !string.IsNullOrEmpty(RequestId)

Properties

- string RequestId `[get, set]`

7.9.1 Member Data Documentation

7.9.1.1 ShowRequestId

```
bool Area.Models.ErrorViewModel.ShowRequestId => !string.IsNullOrEmpty(RequestId)
```

7.9.2 Property Documentation

7.9.2.1 RequestId

```
string Area.Models.ErrorViewModel.RequestId  [get], [set]
```

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

- Models/ErrorViewModel.cs

7.10 Area.Controllers.FacebookController Class Reference

Inheritance diagram for Area.Controllers.FacebookController:
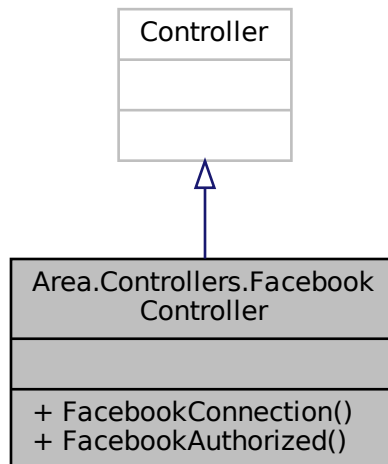
Collaboration diagram for Area.Controllers.FacebookController:
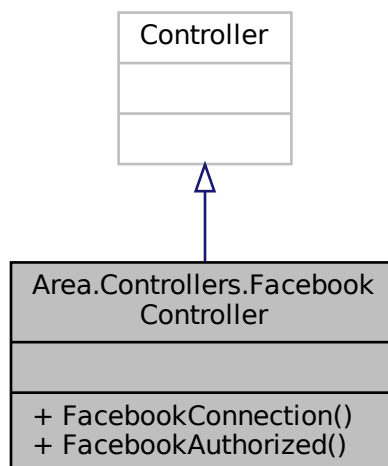
Public Member Functions

- ActionResult FacebookConnection ()
- ActionResult FacebookAuthorized (string state, string code, [FromServices] AreaDbContext DB)

7.10.1 Member Function Documentation

7.10.1.1 FacebookAuthorized()

```
ActionResult Area.Controllers.FacebookController.FacebookAuthorized (
          string state,
          string code,
          [FromServices] AreaDbContext DB )  [inline]
```

7.10.1.2 FacebookConnection()

```
ActionResult Area.Controllers.FacebookController.FacebookConnection ( )  [inline]
```

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

- Controllers/FacebookController.cs

7.11 Area.Models.FacebookModule Class Reference

Inheritance diagram for Area.Models.FacebookModule:
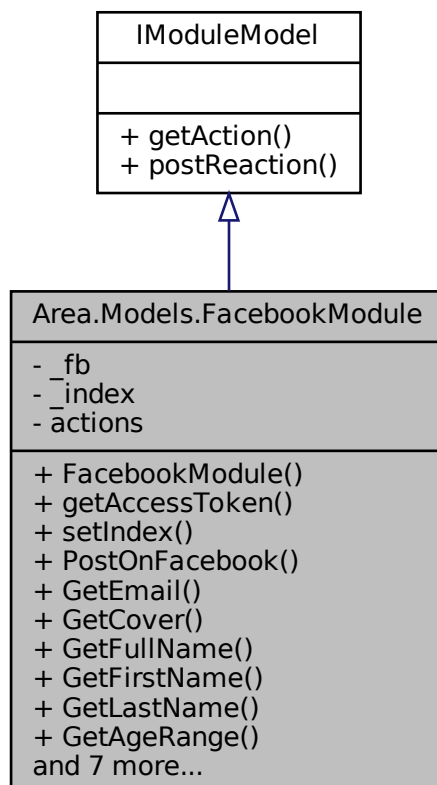
Collaboration diagram for Area.Models.FacebookModule:
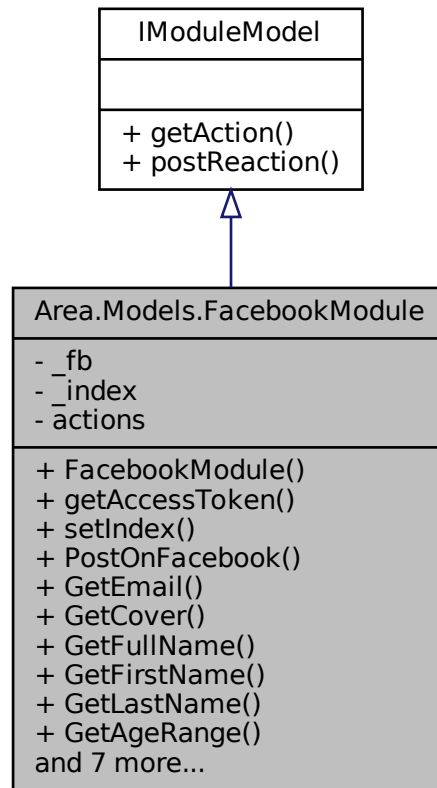
Public Member Functions

- FacebookModule (string accessToken, int index)
- string getAccessToken ()
- void setIndex (int idx)
- void PostOnFacebook (string toPost)
- string GetEmail ()
- string GetCover ()
- string GetFullName ()
- string GetFirstName ()
- string GetLastName ()
- string GetAgeRange ()
- string GetGender ()
- string GetLocale ()
- string GetPicture ()
- string GetUserLastPosts ()
- string GetUserLastPostsEpured ()
- string getAction ()
- void postReaction (string reaction)

Private Attributes

- FacebookClient _fb = new FacebookClient()
- int _index
- Dictionary< int, Func< string > > actions = new Dictionary<int, Func<string>>()

7.11.1 Constructor & Destructor Documentation

7.11.1.1 FacebookModule()

```
Area.Models.FacebookModule.FacebookModule (
            string accessToken,
            int index ) [inline]
```

7.11.2 Member Function Documentation

7.11.2.1 getAccessToken()

```
string Area.Models.FacebookModule.getAccessToken ( ) [inline]
```

7.11.2.2 getAction()

```
string Area.Models.FacebookModule.getAction ( ) [inline]
```

Implements Area.Models.IModuleModel.

7.11.2.3 GetAgeRange()

```
string Area.Models.FacebookModule.GetAgeRange ( ) [inline]
```

7.11.2.4 GetCover()

```
string Area.Models.FacebookModule.GetCover ( ) [inline]
```

7.11.2.5 GetEmail()

```
string Area.Models.FacebookModule.GetEmail ( ) [inline]
```

7.11.2.6 GetFirstName()

```
string Area.Models.FacebookModule.GetFirstName ( ) [inline]
```

7.11.2.7 GetFullName()

```
string Area.Models.FacebookModule.GetFullName ( ) [inline]
```

7.11.2.8 GetGender()

```
string Area.Models.FacebookModule.GetGender ( ) [inline]
```

7.11.2.9 GetLastName()

```
string Area.Models.FacebookModule.GetLastName ( ) [inline]
```

7.11.2.10 GetLocale()

```
string Area.Models.FacebookModule.GetLocale ( ) [inline]
```

7.11.2.11 GetPicture()

```
string Area.Models.FacebookModule.GetPicture ( ) [inline]
```

7.11.2.12 GetUserLastPosts()

```
string Area.Models.FacebookModule.GetUserLastPosts ( ) [inline]
```

7.11.2.13 GetUserLastPostsEpured()

```
string Area.Models.FacebookModule.GetUserLastPostsEpured ( ) [inline]
```

7.11.2.14 PostOnFacebook()

```
void Area.Models.FacebookModule.PostOnFacebook (
            string toPost ) [inline]
```

7.11.2.15 postReaction()

```
void Area.Models.FacebookModule.postReaction (
            string reaction ) [inline]
```

Implements Area.Models.IModuleModel.

7.11.2.16 setIndex()

```
void Area.Models.FacebookModule.setIndex (
            int idx ) [inline]
```

7.11.3 Member Data Documentation

7.11.3.1 _fb

```
FacebookClient Area.Models.FacebookModule._fb = new FacebookClient() [private]
```

7.11.3.2 _index

```
int Area.Models.FacebookModule._index [private]
```

7.11.3.3 actions

```
Dictionary<int, Func<string> > Area.Models.FacebookModule.actions = new Dictionary<int,
Func<string>>()  [private]
```

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

- Models/Modules/FacebookModule.cs

7.12 Area.Models.FacebookSpotifyArea Class Reference

Inheritance diagram for Area.Models.FacebookSpotifyArea:

```
┌─────────────────────────┐
│          IArea          │
├─────────────────────────┤
│                         │
├─────────────────────────┤
│ + run()                 │
│ + isAvailable()         │
└─────────────────────────┘
             △
             │
┌─────────────────────────────────┐
│ Area.Models.FacebookSpotifyArea │
├─────────────────────────────────┤
│ - spotify                       │
│ - facebook                      │
│ - spotifyToken                  │
│ - facebookToken                 │
│ - last_event                    │
│ - username                      │
│ - area                          │
├─────────────────────────────────┤
│ + FacebookSpotifyArea()         │
│ + isAvailable()                 │
│ + run()                         │
└─────────────────────────────────┘
```
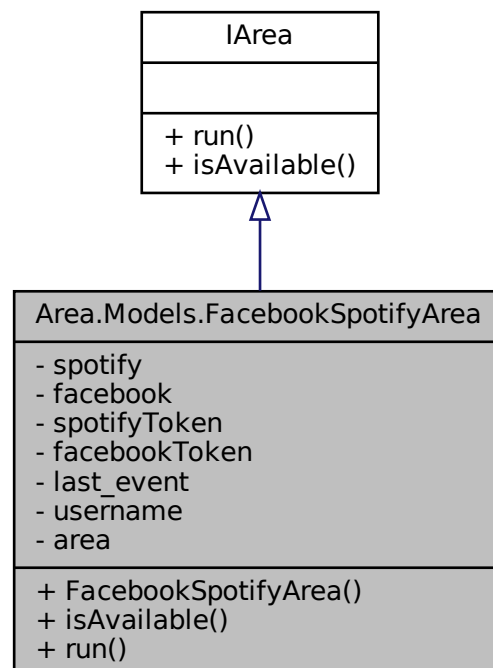
Collaboration diagram for Area.Models.FacebookSpotifyArea:
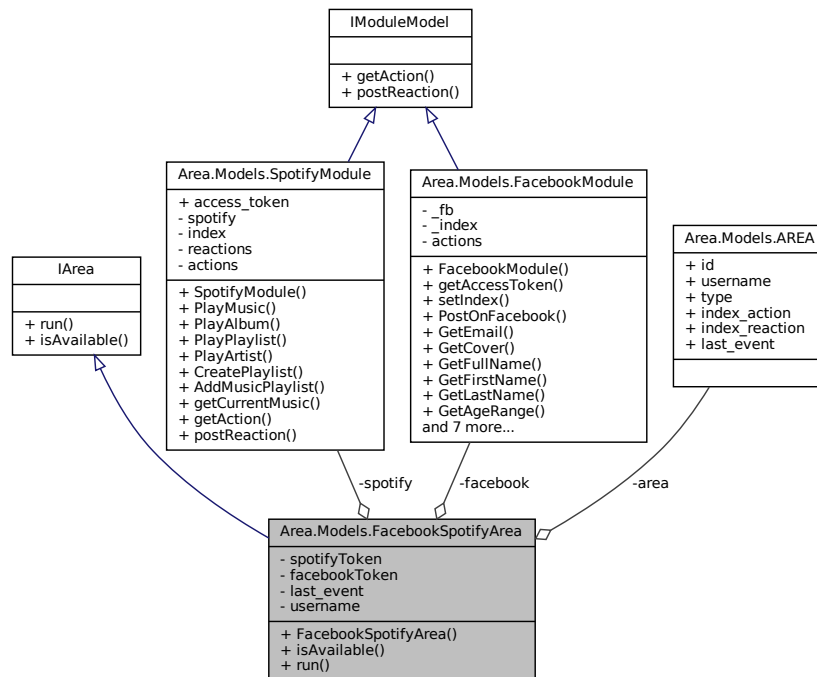
Public Member Functions

- FacebookSpotifyArea (AREA area, AreaDbContext DB)
- bool isAvailable ()
- void run (AreaDbContext DB)

Private Attributes

- SpotifyModule spotify
- FacebookModule facebook
- string spotifyToken = ""
- string facebookToken = ""
- string last_event
- string username
- AREA area

7.12.1 Constructor & Destructor Documentation

7.12.1.1 FacebookSpotifyArea()

```
Area.Models.FacebookSpotifyArea.FacebookSpotifyArea (
          AREA area,
          AreaDbContext DB ) [inline]
```

7.12.2 Member Function Documentation

7.12.2.1 isAvailable()

```
bool Area.Models.FacebookSpotifyArea.isAvailable ( )  [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:

7.12.2.2 run()

```
void Area.Models.FacebookSpotifyArea.run (
            AreaDbContext DB )  [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:
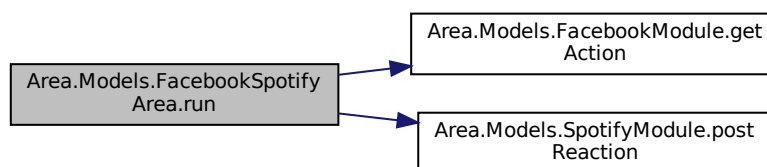
7.12.3 Member Data Documentation

7.12.3.1 area

AREA Area.Models.FacebookSpotifyArea.area [private]

7.12.3.2 facebook

FacebookModule Area.Models.FacebookSpotifyArea.facebook [private]

7.12.3.3 facebookToken

string Area.Models.FacebookSpotifyArea.facebookToken = "" [private]

7.12.3.4 last_event

string Area.Models.FacebookSpotifyArea.last_event [private]

7.12.3.5 spotify

SpotifyModule Area.Models.FacebookSpotifyArea.spotify [private]

7.12.3.6 spotifyToken

string Area.Models.FacebookSpotifyArea.spotifyToken = "" [private]

7.12.3.7 username

string Area.Models.FacebookSpotifyArea.username [private]

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

- Models/Areas/FacebookSpotifyArea.cs

7.13 Area.Controllers.FacebookSpotifyAreaController Class Reference

Inheritance diagram for Area.Controllers.FacebookSpotifyAreaController:

```
┌─────────────────────┐
│     Controller      │
│                     │
│                     │
└─────────────────────┘
           △
           │
┌─────────────────────┐
│ Area.Controllers.Facebook │
│   SpotifyAreaController   │
│                           │
│ + FacebookSpotifyAreaCreation() │
│ + FacebookSpotifyAreaDeletion() │
└─────────────────────┘
```

Collaboration diagram for Area.Controllers.FacebookSpotifyAreaController:

```
┌─────────────────────┐
│     Controller      │
│                     │
│                     │
└─────────────────────┘
           △
           │
┌─────────────────────┐
│ Area.Controllers.Facebook │
│   SpotifyAreaController   │
│                           │
│ + FacebookSpotifyAreaCreation() │
│ + FacebookSpotifyAreaDeletion() │
└─────────────────────┘
```
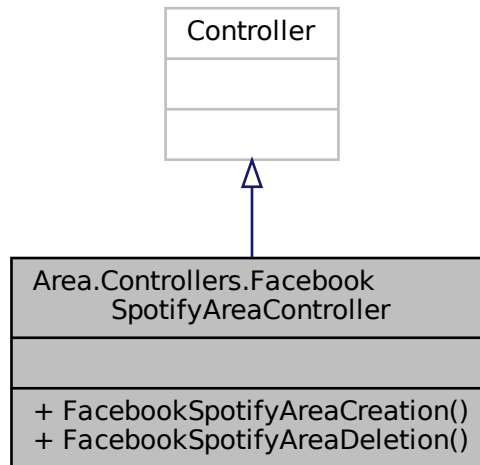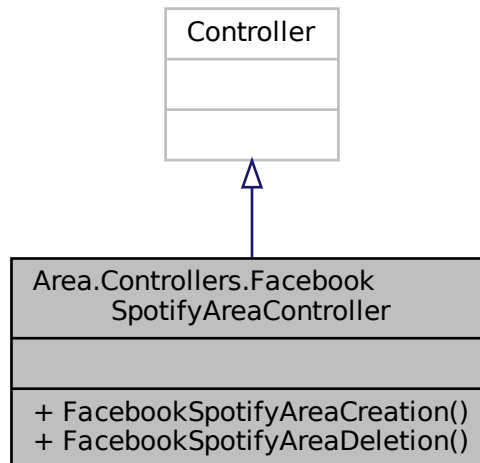
Public Member Functions

- ActionResult FacebookSpotifyAreaCreation (string action_index, string reaction_index, [FromServices] AreaDbContext DB)
- ActionResult FacebookSpotifyAreaDeletion (string action_index, string reaction_index, [FromServices] AreaDbContext DB)

7.13.1 Member Function Documentation

7.13.1.1 FacebookSpotifyAreaCreation()

```
ActionResult Area.Controllers.FacebookSpotifyAreaController.FacebookSpotifyAreaCreation (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

7.13.1.2 FacebookSpotifyAreaDeletion()

```
ActionResult Area.Controllers.FacebookSpotifyAreaController.FacebookSpotifyAreaDeletion (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

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

- Controllers/FacebookSpotifyAreaController.cs

7.14 Area.Models.FacebookTwitterArea Class Reference

Inheritance diagram for Area.Models.FacebookTwitterArea:
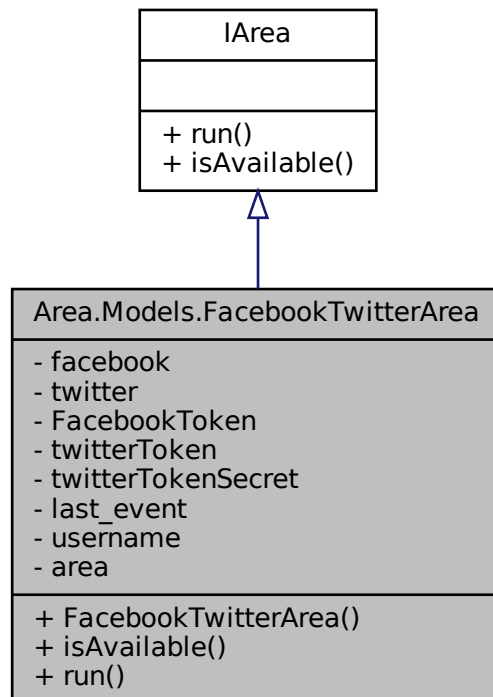
Collaboration diagram for Area.Models.FacebookTwitterArea:
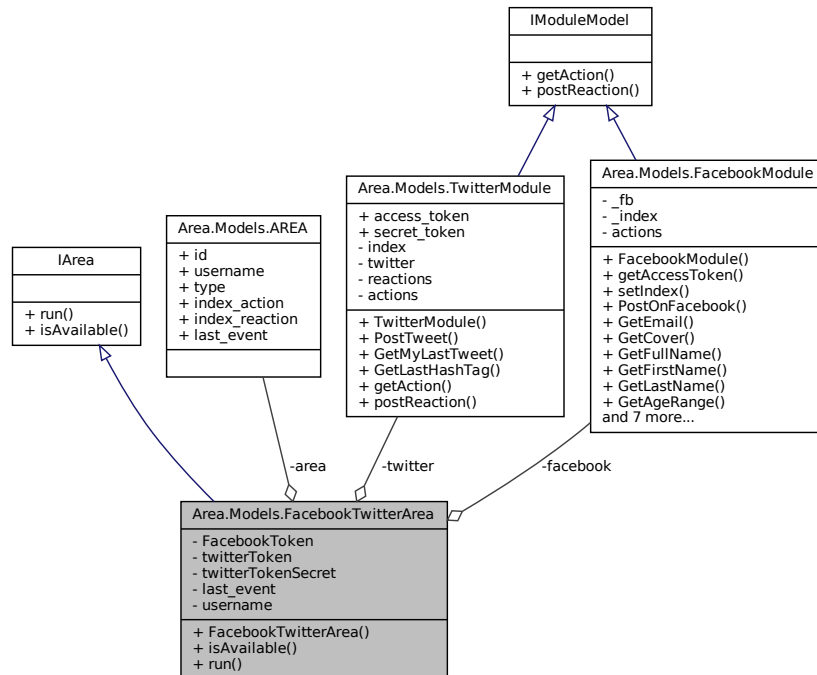
Public Member Functions

- FacebookTwitterArea (AREA area, AreaDbContext DB)
- bool isAvailable ()
- void run (AreaDbContext DB)

Private Attributes

- FacebookModule facebook
- TwitterModule twitter
- string FacebookToken = ""
- string twitterToken = ""
- string twitterTokenSecret = ""
- string last_event
- string username
- AREA area

7.14.1 Constructor & Destructor Documentation

7.14.1.1 FacebookTwitterArea()

```
Area.Models.FacebookTwitterArea.FacebookTwitterArea (
            AREA area,
            AreaDbContext DB ) [inline]
```
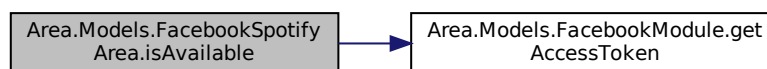
7.14.2 Member Function Documentation

7.14.2.1 isAvailable()

```
bool Area.Models.FacebookTwitterArea.isAvailable ( ) [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:
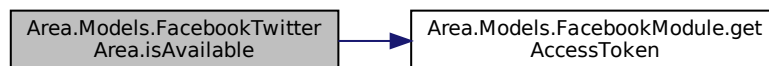

7.14.2.2 run()

```
void Area.Models.FacebookTwitterArea.run (
            AreaDbContext DB ) [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:
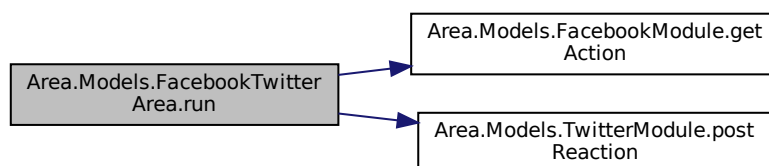
7.14.3 Member Data Documentation

7.14.3.1 area

AREA Area.Models.FacebookTwitterArea.area [private]

7.14.3.2 facebook

FacebookModule Area.Models.FacebookTwitterArea.facebook [private]

7.14.3.3 FacebookToken

string Area.Models.FacebookTwitterArea.FacebookToken = "" [private]

7.14.3.4 last_event

string Area.Models.FacebookTwitterArea.last_event [private]

7.14.3.5 twitter

TwitterModule Area.Models.FacebookTwitterArea.twitter [private]

7.14.3.6 twitterToken

string Area.Models.FacebookTwitterArea.twitterToken = "" [private]

7.14.3.7 twitterTokenSecret

string Area.Models.FacebookTwitterArea.twitterTokenSecret = "" [private]

7.14.3.8 username

```
string Area.Models.FacebookTwitterArea.username  [private]
```

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

- Models/Areas/FacebookTwitterArea.cs

7.15 Area.Controllers.FacebookTwitterAreaController Class Reference

Inheritance diagram for Area.Controllers.FacebookTwitterAreaController:

```
            ┌─────────────────┐
            │    Controller   │
            ├─────────────────┤
            │                 │
            ├─────────────────┤
            │                 │
            └─────────────────┘
                     △
                     │
   ┌───────────────────────────────────┐
   │      Area.Controllers.Facebook     │
   │        TwitterAreaController        │
   ├───────────────────────────────────┤
   │                                   │
   ├───────────────────────────────────┤
   │ + FacebookTwitterAreaCreation()    │
   │ + FacebookTwitterAreaDeletion()    │
   └───────────────────────────────────┘
```
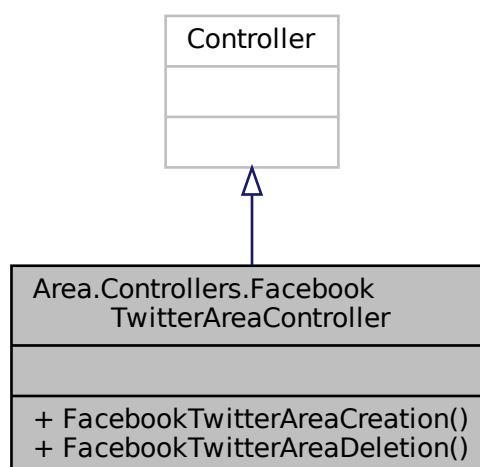
Collaboration diagram for Area.Controllers.FacebookTwitterAreaController:
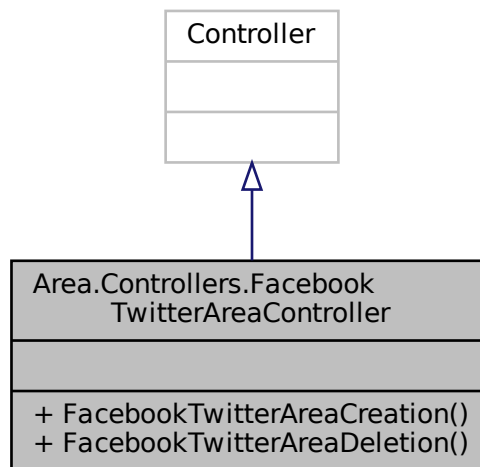
Public Member Functions

- ActionResult FacebookTwitterAreaCreation (string action_index, string reaction_index, [FromServices] AreaDbContext DB)
- ActionResult FacebookTwitterAreaDeletion (string action_index, string reaction_index, [FromServices] AreaDbContext DB)

7.15.1 Member Function Documentation

7.15.1.1 FacebookTwitterAreaCreation()

```
ActionResult Area.Controllers.FacebookTwitterAreaController.FacebookTwitterAreaCreation (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

7.15.1.2 FacebookTwitterAreaDeletion()

```
ActionResult Area.Controllers.FacebookTwitterAreaController.FacebookTwitterAreaDeletion (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

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

- Controllers/FacebookTwitterAreaController.cs

7.16 Area.Models.FormCode Class Reference

Collaboration diagram for Area.Models.FormCode:

```
┌─────────────────────────┐
│  Area.Models.FormCode   │
├─────────────────────────┤
│ + code                  │
├─────────────────────────┤
│                         │
└─────────────────────────┘
```
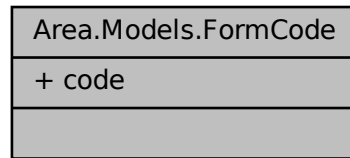
Properties

- string code [get, set]

7.16.1 Property Documentation

7.16.1.1 code

string Area.Models.FormCode.code [get], [set]

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

- Models/FormModel.cs

7.17 Area.Models.FormLogin Class Reference

Collaboration diagram for Area.Models.FormLogin:

```
┌─────────────────────────┐
│  Area.Models.FormLogin  │
├─────────────────────────┤
│ + username              │
│ + password              │
├─────────────────────────┤
│                         │
└─────────────────────────┘
```
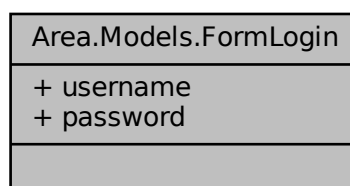
Properties

- string username [get, set]
- string password [get, set]

7.17.1 Property Documentation

7.17.1.1 password

```
string Area.Models.FormLogin.password  [get], [set]
```

7.17.1.2 username

```
string Area.Models.FormLogin.username  [get], [set]
```

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

- Models/FormModel.cs

7.18 Area.Models.FormRegister Class Reference

Collaboration diagram for Area.Models.FormRegister:

```
┌─────────────────────────────┐
│  Area.Models.FormRegister    │
├─────────────────────────────┤
│ + username                   │
│ + password                   │
│ + confirmation               │
│ + email                      │
├─────────────────────────────┤
│                              │
└─────────────────────────────┘
```
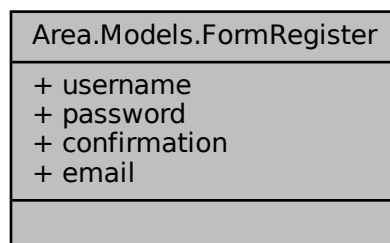
Properties

- string username [get, set]
- string password [get, set]
- string confirmation [get, set]
- string email [get, set]

7.18.1 Property Documentation

7.18.1.1 confirmation

`string Area.Models.FormRegister.confirmation [get], [set]`

7.18.1.2 email

`string Area.Models.FormRegister.email [get], [set]`

7.18.1.3 password

`string Area.Models.FormRegister.password [get], [set]`

7.18.1.4 username

`string Area.Models.FormRegister.username [get], [set]`

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

- Models/FormModel.cs

7.19 Area.Controllers.GithubController Class Reference

Inheritance diagram for Area.Controllers.GithubController:
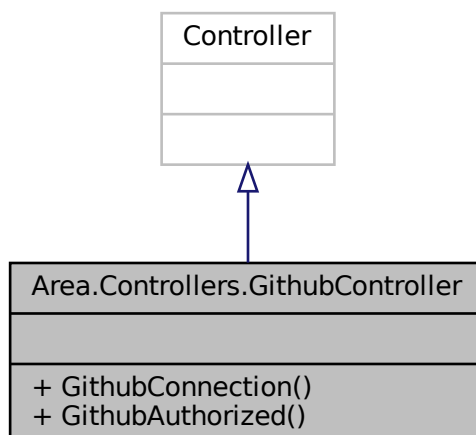
Collaboration diagram for Area.Controllers.GithubController:
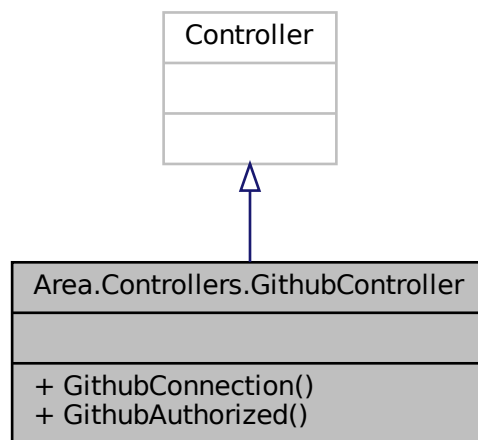
Public Member Functions

- ActionResult GithubConnection ()
- async Task< ActionResult > GithubAuthorized (string code, string state, [FromServices] AreaDbContext DB)

7.19.1 Member Function Documentation

7.19.1.1 GithubAuthorized()

```
async Task<ActionResult> Area.Controllers.GithubController.GithubAuthorized (
            string code,
            string state,
            [FromServices] AreaDbContext DB )  [inline]
```

7.19.1.2 GithubConnection()

```
ActionResult Area.Controllers.GithubController.GithubConnection ( )  [inline]
```

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

- Controllers/GithubController.cs

7.20 Area.Models.GithubFacebookArea Class Reference

Inheritance diagram for Area.Models.GithubFacebookArea:
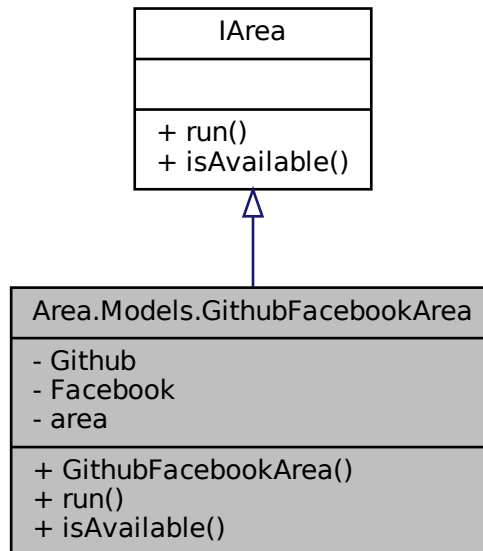
Collaboration diagram for Area.Models.GithubFacebookArea:
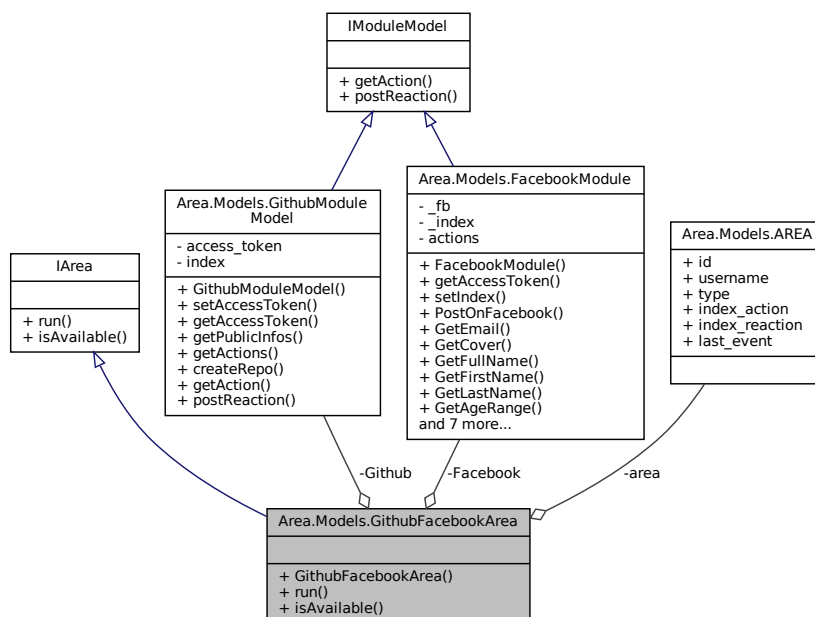
Public Member Functions

- GithubFacebookArea (AREA area, AreaDbContext DB)
- void run (AreaDbContext DB)
- bool isAvailable ()

Private Attributes

- GithubModuleModel Github
- FacebookModule Facebook
- AREA area

7.20.1 Constructor & Destructor Documentation

7.20.1.1 GithubFacebookArea()

```
Area.Models.GithubFacebookArea.GithubFacebookArea (
            AREA area,
            AreaDbContext DB )  [inline]
```

7.20.2 Member Function Documentation

7.20.2.1 isAvailable()

```
bool Area.Models.GithubFacebookArea.isAvailable ( )  [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:

7.20.2.2 run()

```
void Area.Models.GithubFacebookArea.run (
            AreaDbContext DB ) [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:

```
┌─────────────────────────┐      ┌─────────────────────────┐
│ Area.Models.GithubFacebook │ ───► │ Area.Models.GithubModule │
│ Area.run                 │      │ Model.getAction          │
└─────────────────────────┘      └─────────────────────────┘
```

7.20.3 Member Data Documentation

7.20.3.1 area

```
AREA Area.Models.GithubFacebookArea.area  [private]
```

7.20.3.2 Facebook

```
FacebookModule Area.Models.GithubFacebookArea.Facebook  [private]
```

7.20.3.3 Github

```
GithubModuleModel Area.Models.GithubFacebookArea.Github  [private]
```

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

- Models/Areas/GithubFacebookArea.cs

7.21 Area.Controllers.GithubFacebookAreaController Class Reference

Inheritance diagram for Area.Controllers.GithubFacebookAreaController:
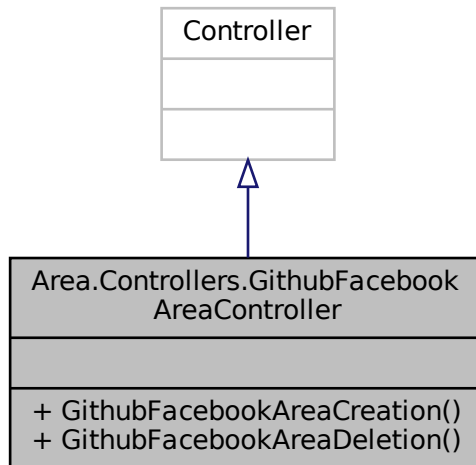
Collaboration diagram for Area.Controllers.GithubFacebookAreaController:
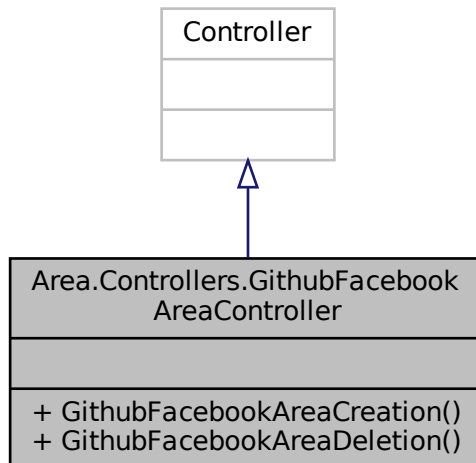
Public Member Functions

- ActionResult GithubFacebookAreaCreation (string action_index, string reaction_index, [FromServices] AreaDbContext DB)
- ActionResult GithubFacebookAreaDeletion (string action_index, string reaction_index, [FromServices] AreaDbContext DB)

7.21.1 Member Function Documentation

7.21.1.1 GithubFacebookAreaCreation()

```
ActionResult Area.Controllers.GithubFacebookAreaController.GithubFacebookAreaCreation (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

7.21.1.2 GithubFacebookAreaDeletion()

```
ActionResult Area.Controllers.GithubFacebookAreaController.GithubFacebookAreaDeletion (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

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

- Controllers/GithubFacebookAreaController.cs

7.22 Area.Models.GithubModuleModel Class Reference
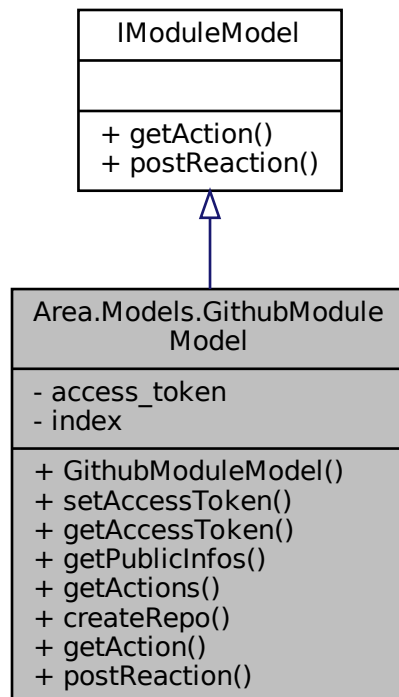
Inheritance diagram for Area.Models.GithubModuleModel:

Collaboration diagram for Area.Models.GithubModuleModel:

```
┌─────────────────────────┐
│      IModuleModel       │
├─────────────────────────┤
│                         │
├─────────────────────────┤
│   + getAction()         │
│   + postReaction()      │
└─────────────────────────┘
             △
             │
┌─────────────────────────┐
│  Area.Models.GithubModule│
│          Model          │
├─────────────────────────┤
│   - access_token        │
│   - index               │
├─────────────────────────┤
│   + GithubModuleModel() │
│   + setAccessToken()    │
│   + getAccessToken()    │
│   + getPublicInfos()    │
│   + getActions()        │
│   + createRepo()        │
│   + getAction()         │
│   + postReaction()      │
└─────────────────────────┘
```
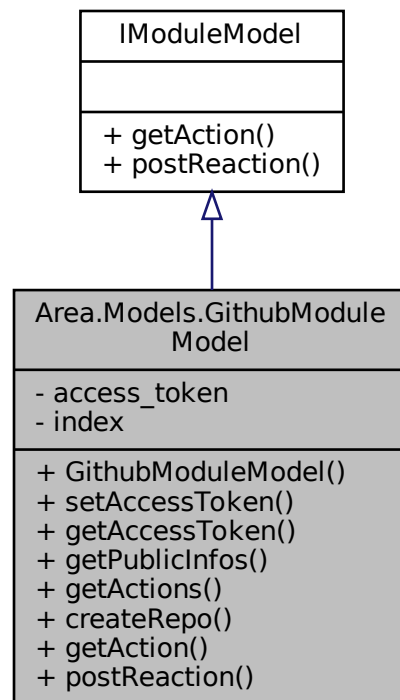
Public Member Functions

- GithubModuleModel (string token, int index)
- void setAccessToken (string token)
- string getAccessToken ()
- async Task< Dictionary< string, string > > getPublicInfos ()
- async Task< Dictionary< int, string > > getActions ()
- async void createRepo (string name)
- string getAction ()
- void postReaction (string reaction)

Private Attributes

- string access_token
- int index

7.22.1 Constructor & Destructor Documentation

7.22.1.1 GithubModuleModel()

```
Area.Models.GithubModuleModel.GithubModuleModel (
            string token,
            int index ) [inline]
```

7.22.2 Member Function Documentation

7.22.2.1 createRepo()

```
async void Area.Models.GithubModuleModel.createRepo (
            string name ) [inline]
```

7.22.2.2 getAccessToken()

```
string Area.Models.GithubModuleModel.getAccessToken ( ) [inline]
```

7.22.2.3 getAction()

```
string Area.Models.GithubModuleModel.getAction ( ) [inline]
```

Implements Area.Models.IModuleModel.

7.22.2.4 getActions()

```
async Task<Dictionary<int, string> > Area.Models.GithubModuleModel.getActions ( ) [inline]
```

7.22.2.5 getPublicInfos()

```
async Task<Dictionary<string, string> > Area.Models.GithubModuleModel.getPublicInfos ( )
[inline]
```

7.22.2.6 postReaction()

```
void Area.Models.GithubModuleModel.postReaction (
            string reaction )  [inline]
```

Implements Area.Models.IModuleModel.

7.22.2.7 setAccessToken()

```
void Area.Models.GithubModuleModel.setAccessToken (
            string token )  [inline]
```

7.22.3 Member Data Documentation

7.22.3.1 access_token

```
string Area.Models.GithubModuleModel.access_token  [private]
```

7.22.3.2 index

```
int Area.Models.GithubModuleModel.index  [private]
```

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

- Models/Modules/GithubModuleModel.cs

7.23 Area.Controllers.HomeController Class Reference

Inheritance diagram for Area.Controllers.HomeController:

Collaboration diagram for Area.Controllers.HomeController:

```
              ┌─────────────────┐
              │   Controller    │
              ├─────────────────┤
              │                 │
              ├─────────────────┤
              │                 │
              └─────────────────┘
                       △
                       │
        ┌──────────────────────────────────┐
        │ Area.Controllers.HomeController   │
        ├──────────────────────────────────┤
        │                                  │
        ├──────────────────────────────────┤
        │ + Index()                        │
        │ + Login()                        │
        │ + Login()                        │
        │ + Disconnect()                   │
        │ + Register()                     │
        │ + Register()                     │
        │ + ConfirmRegister()              │
        │ + ConfirmRegister()              │
        │ + ManageArea()                   │
        │ + About()                        │
        │ + Contact()                      │
        │ + Error()                        │
        │ - IsLog()                        │
        └──────────────────────────────────┘
```
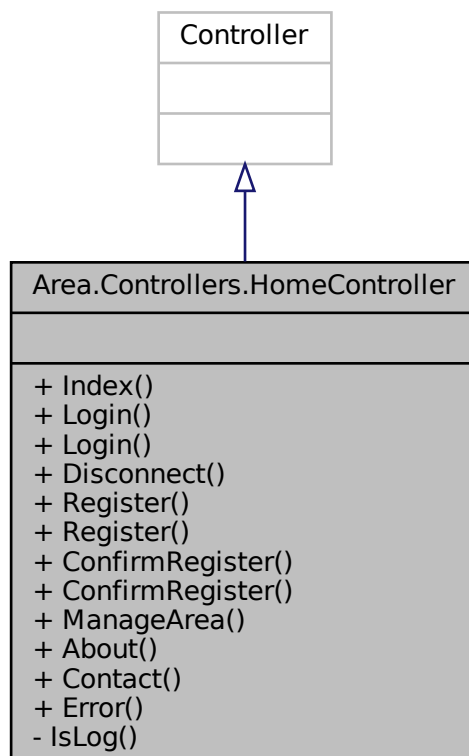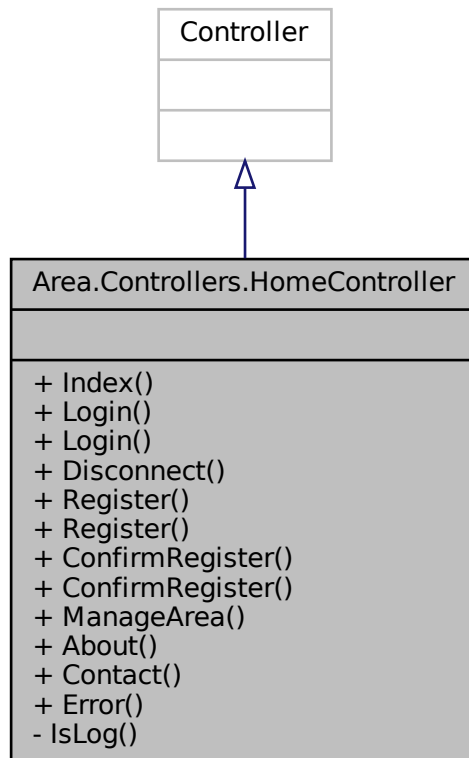
Public Member Functions

- IActionResult Index ([FromServices] AreaDbContext DB)
- IActionResult Login ([FromServices] AreaDbContext DB)
- IActionResult Login ([FromServices] AreaDbContext DB, FormLogin model)
- IActionResult Disconnect ([FromServices] AreaDbContext dbContext)
- IActionResult Register ([FromServices] AreaDbContext DB)
- IActionResult Register ([FromServices] AreaDbContext DB, FormRegister model)
- IActionResult ConfirmRegister ([FromServices] AreaDbContext DB)
- IActionResult ConfirmRegister ([FromServices] AreaDbContext DB, FormCode model)
- IActionResult ManageArea ([FromServices] AreaDbContext DB)
- IActionResult About ([FromServices] AreaDbContext DB)
- IActionResult Contact ([FromServices] AreaDbContext DB)
- IActionResult Error ()

Private Member Functions

- bool IsLog ([FromServices] AreaDbContext DB)

7.23.1 Member Function Documentation

7.23.1.1 About()

```
IActionResult Area.Controllers.HomeController.About (
            [FromServices] AreaDbContext DB ) [inline]
```

7.23.1.2 ConfirmRegister() [1/2]

```
IActionResult Area.Controllers.HomeController.ConfirmRegister (
            [FromServices] AreaDbContext DB ) [inline]
```

Here is the call graph for this function:

7.23.1.3 ConfirmRegister() [2/2]

```
IActionResult Area.Controllers.HomeController.ConfirmRegister (
            [FromServices] AreaDbContext DB,
            FormCode model ) [inline]
```

7.23.1.4 Contact()

```
IActionResult Area.Controllers.HomeController.Contact (
            [FromServices] AreaDbContext DB ) [inline]
```

7.23.1.5 Disconnect()

```
IActionResult Area.Controllers.HomeController.Disconnect (
            [FromServices] AreaDbContext dbContext ) [inline]
```

7.23.1.6 Error()

```
IActionResult Area.Controllers.HomeController.Error ( )  [inline]
```

7.23.1.7 Index()

```
IActionResult Area.Controllers.HomeController.Index (
             [FromServices] AreaDbContext DB )  [inline]
```

7.23.1.8 IsLog()

```
bool Area.Controllers.HomeController.IsLog (
             [FromServices] AreaDbContext DB )  [inline], [private]
```

7.23.1.9 Login() [1/2]

```
IActionResult Area.Controllers.HomeController.Login (
             [FromServices] AreaDbContext DB )  [inline]
```

7.23.1.10 Login() [2/2]

```
IActionResult Area.Controllers.HomeController.Login (
             [FromServices] AreaDbContext DB,
             FormLogin model )  [inline]
```

7.23.1.11 ManageArea()

```
IActionResult Area.Controllers.HomeController.ManageArea (
             [FromServices] AreaDbContext DB )  [inline]
```

7.23.1.12 Register() [1/2]
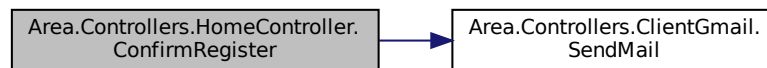
```
IActionResult Area.Controllers.HomeController.Register (
             [FromServices] AreaDbContext DB )  [inline]
```

7.23.1.13 Register() [2/2]

```
IActionResult Area.Controllers.HomeController.Register (
            [FromServices] AreaDbContext DB,
            FormRegister model ) [inline]
```

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

- Controllers/HomeController.cs

7.24 Area.Models.IArea Interface Reference

Inheritance diagram for Area.Models.IArea:
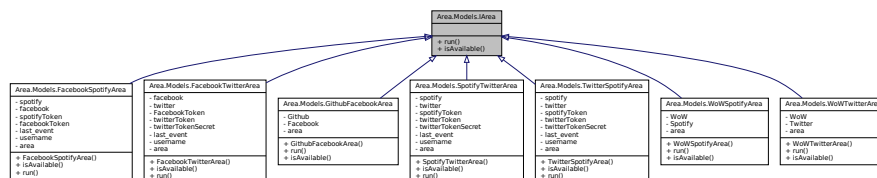
Collaboration diagram for Area.Models.IArea:
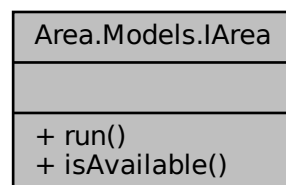
Public Member Functions

- void run (AreaDbContext DB)
- bool isAvailable ()

7.24.1 Member Function Documentation

7.24.1.1 isAvailable()

```
bool Area.Models.IArea.isAvailable ( )
```

Implemented in Area.Models.WoWTwitterArea, Area.Models.WoWSpotifyArea, Area.Models.GithubFacebookArea, Area.Models.FacebookTwitterArea, Area.Models.SpotifyTwitterArea, Area.Models.TwitterSpotifyArea, and Area.Models.FacebookSpotifyArea.

7.24.1.2 run()

```
void Area.Models.IArea.run (
            AreaDbContext DB )
```

Implemented in Area.Models.FacebookTwitterArea, Area.Models.SpotifyTwitterArea, Area.Models.TwitterSpotifyArea, Area.Models.FacebookSpotifyArea, Area.Models.WoWTwitterArea, Area.Models.WoWSpotifyArea, and Area.Models.GithubFacebook

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

- Models/Areas/IArea.cs

7.25 Area.Models.IModuleModel Interface Reference

Inheritance diagram for Area.Models.IModuleModel:
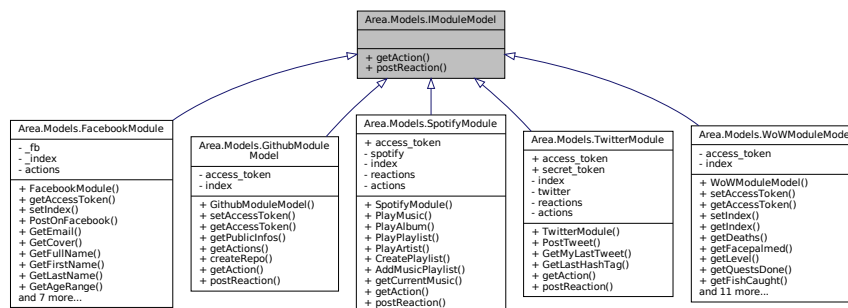
Collaboration diagram for Area.Models.IModuleModel:
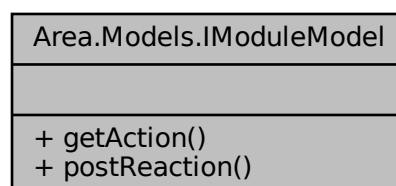
Public Member Functions

- string getAction ()
- void postReaction (string reaction)

7.25.1 Member Function Documentation

7.25.1.1 getAction()

```
string Area.Models.IModuleModel.getAction ( )
```

Implemented in Area.Models.FacebookModule, Area.Models.WoWModuleModel, Area.Models.SpotifyModule, Area.Models.GithubModuleModel, and Area.Models.TwitterModule.

7.25.1.2 postReaction()

```
void Area.Models.IModuleModel.postReaction (
            string reaction )
```

Implemented in Area.Models.FacebookModule, Area.Models.WoWModuleModel, Area.Models.SpotifyModule, Area.Models.GithubModuleModel, and Area.Models.TwitterModule.

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

- Models/Modules/IModuleModel.cs

7.26 Area.Controllers.ManageAreaController Class Reference

Inheritance diagram for Area.Controllers.ManageAreaController:

Collaboration diagram for Area.Controllers.ManageAreaController:

```
                         ┌─────────────────┐
                         │   Controller    │
                         ├─────────────────┤
                         │                 │
                         ├─────────────────┤
                         │                 │
                         └─────────────────┘
                                 △
                                 │
                  ┌──────────────────────────────┐
                  │ Area.Controllers.ManageArea  │
                  │         Controller           │
                  ├──────────────────────────────┤
                  │                              │
                  ├──────────────────────────────┤
                  │ + ManageArea()               │
                  │ - getActiveAreas()           │
                  │ - getAvailableAreas()        │
                  │ - getUnavailableAreas()      │
                  └──────────────────────────────┘
```
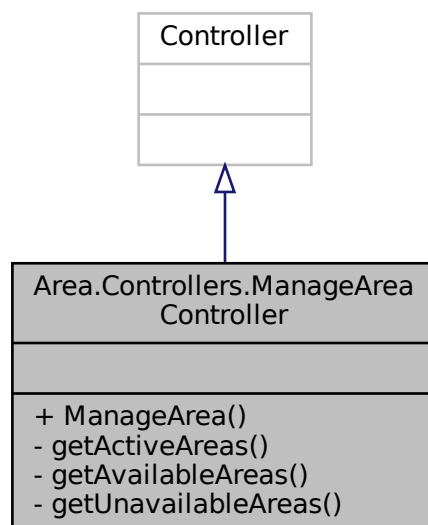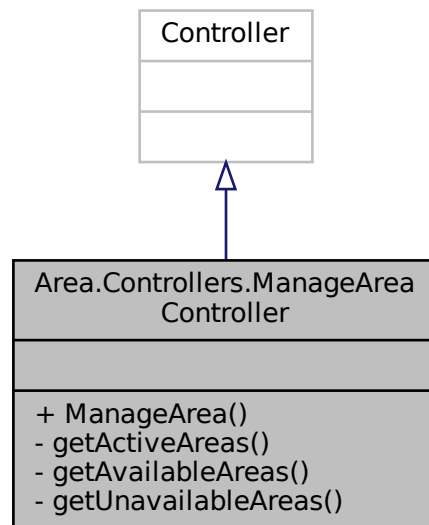
Public Member Functions

- ActionResult ManageArea ([FromServices] AreaDbContext DB)

Private Member Functions

- List< AreaType > getActiveAreas (AreaDbContext DB, string username)
- List< AreaType > getAvailableAreas (AreaDbContext DB, string username)
- List< AreaType > getUnavailableAreas (AreaDbContext DB, string username)

7.26.1 Member Function Documentation

7.26.1.1 getActiveAreas()

```
List<AreaType> Area.Controllers.ManageAreaController.getActiveAreas (
            AreaDbContext DB,
            string username ) [inline], [private]
```

Here is the call graph for this function:

7.26.1.2 getAvailableAreas()

List<AreaType> Area.Controllers.ManageAreaController.getAvailableAreas (
             AreaDbContext *DB,*
             string *username*) [inline], [private]

Here is the call graph for this function:
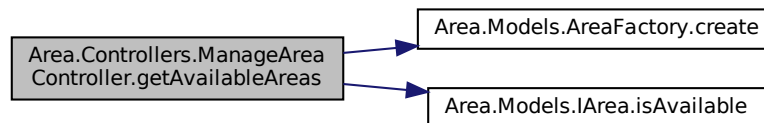
7.26.1.3 getUnavailableAreas()

List<AreaType> Area.Controllers.ManageAreaController.getUnavailableAreas (
             AreaDbContext *DB,*
             string *username*) [inline], [private]

Here is the call graph for this function:
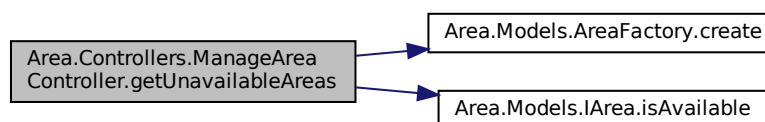
7.26.1.4 ManageArea()

```
ActionResult Area.Controllers.ManageAreaController.ManageArea (
            [FromServices] AreaDbContext DB )  [inline]
```

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

- Controllers/ManageAreaController.cs

7.27 Area.Program Class Reference

Collaboration diagram for Area.Program:
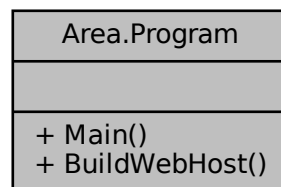
Static Public Member Functions

- static void Main (string[ ] args)
- static IWebHost BuildWebHost (string[ ] args)

7.27.1 Member Function Documentation

7.27.1.1 BuildWebHost()

```
static IWebHost Area.Program.BuildWebHost (
            string [] args )  [static]
```

7.27.1.2   Main()

```
static void Area.Program.Main (
            string [] args ) [inline], [static]
```

Here is the call graph for this function:

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

- Program.cs

7.28   Area.Controllers.SpotifyController Class Reference

Inheritance diagram for Area.Controllers.SpotifyController:
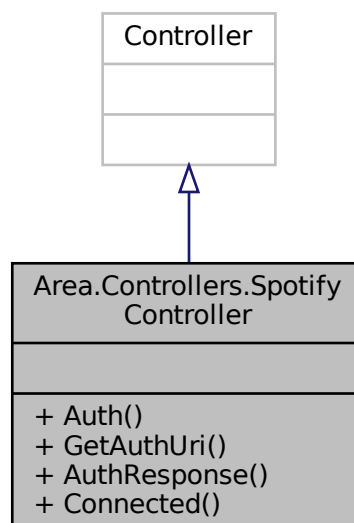
Collaboration diagram for Area.Controllers.SpotifyController:
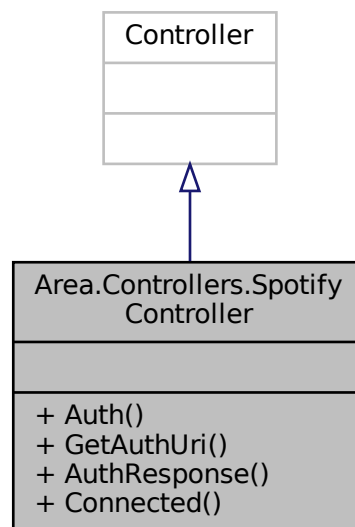
Public Member Functions

- ActionResult Auth ()
- string GetAuthUri ()
- ActionResult AuthResponse ()
- ActionResult Connected (string access_token, string token_type, string expires_in, string state, [From↵
  Services] AreaDbContext DB)

7.28.1 Member Function Documentation

7.28.1.1 Auth()

```
ActionResult Area.Controllers.SpotifyController.Auth ( )  [inline]
```

7.28.1.2 AuthResponse()

```
ActionResult Area.Controllers.SpotifyController.AuthResponse ( )  [inline]
```

7.28.1.3 Connected()

```
ActionResult Area.Controllers.SpotifyController.Connected (
            string access_token,
            string token_type,
            string expires_in,
            string state,
            [FromServices] AreaDbContext DB )  [inline]
```

Here is the call graph for this function:
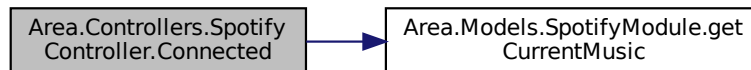
7.28.1.4 GetAuthUri()

```
string Area.Controllers.SpotifyController.GetAuthUri ( )  [inline]
```

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

- Controllers/SpotifyController.cs

7.29 Area.Models.SpotifyModule Class Reference

Inheritance diagram for Area.Models.SpotifyModule:

```
┌─────────────────────────┐
│      IModuleModel       │
├─────────────────────────┤
│                         │
├─────────────────────────┤
│  + getAction()          │
│  + postReaction()       │
└─────────────────────────┘
              △
              │
┌─────────────────────────┐
│ Area.Models.SpotifyModule│
├─────────────────────────┤
│  + access_token         │
│  - spotify              │
│  - index                │
│  - reactions            │
│  - actions              │
├─────────────────────────┤
│  + SpotifyModule()      │
│  + PlayMusic()          │
│  + PlayAlbum()          │
│  + PlayPlaylist()       │
│  + PlayArtist()         │
│  + CreatePlaylist()     │
│  + AddMusicPlaylist()   │
│  + getCurrentMusic()    │
│  + getAction()          │
│  + postReaction()       │
└─────────────────────────┘
```

Collaboration diagram for Area.Models.SpotifyModule:

```
                    ┌─────────────────────┐
                    │    IModuleModel     │
                    ├─────────────────────┤
                    │                     │
                    ├─────────────────────┤
                    │  + getAction()      │
                    │  + postReaction()   │
                    └─────────────────────┘
                              △
                              │
                    ┌─────────────────────────┐
                    │ Area.Models.SpotifyModule│
                    ├─────────────────────────┤
                    │  + access_token         │
                    │  - spotify              │
                    │  - index                │
                    │  - reactions            │
                    │  - actions              │
                    ├─────────────────────────┤
                    │  + SpotifyModule()      │
                    │  + PlayMusic()          │
                    │  + PlayAlbum()          │
                    │  + PlayPlaylist()       │
                    │  + PlayArtist()         │
                    │  + CreatePlaylist()     │
                    │  + AddMusicPlaylist()   │
                    │  + getCurrentMusic()    │
                    │  + getAction()          │
                    │  + postReaction()       │
                    └─────────────────────────┘
```

Public Member Functions

- SpotifyModule (string access_token, int index)
- void PlayMusic (string name)
- void PlayAlbum (string name)
- void PlayPlaylist (string name)
- void PlayArtist (string name)
- void CreatePlaylist (string name)
- void AddMusicPlaylist (string music)
- string getCurrentMusic ()
- string getAction ()
- void postReaction (string reaction)

Public Attributes

- string access_token

Private Attributes

- SpotifyWebAPI spotify
- int index
- Dictionary< int, Action< string > > reactions = new Dictionary<int, Action<string>>()
- Dictionary< int, Func< string > > actions = new Dictionary<int, Func<string>>()

7.29.1 Constructor & Destructor Documentation

7.29.1.1 SpotifyModule()

```
Area.Models.SpotifyModule.SpotifyModule (
            string access_token,
            int index ) [inline]
```

7.29.2 Member Function Documentation

7.29.2.1 AddMusicPlaylist()

```
void Area.Models.SpotifyModule.AddMusicPlaylist (
            string music ) [inline]
```

7.29.2.2 CreatePlaylist()

```
void Area.Models.SpotifyModule.CreatePlaylist (
            string name ) [inline]
```

7.29.2.3 getAction()

```
string Area.Models.SpotifyModule.getAction ( ) [inline]
```

Implements Area.Models.IModuleModel.

7.29.2.4 getCurrentMusic()

```
string Area.Models.SpotifyModule.getCurrentMusic ( )  [inline]
```

7.29.2.5 PlayAlbum()

```
void Area.Models.SpotifyModule.PlayAlbum (
            string name )  [inline]
```

7.29.2.6 PlayArtist()

```
void Area.Models.SpotifyModule.PlayArtist (
            string name )  [inline]
```

7.29.2.7 PlayMusic()

```
void Area.Models.SpotifyModule.PlayMusic (
            string name )  [inline]
```

7.29.2.8 PlayPlaylist()

```
void Area.Models.SpotifyModule.PlayPlaylist (
            string name )  [inline]
```

7.29.2.9 postReaction()

```
void Area.Models.SpotifyModule.postReaction (
            string reaction )  [inline]
```

Implements Area.Models.IModuleModel.

7.29.3 Member Data Documentation

7.29.3.1 access_token

```
string Area.Models.SpotifyModule.access_token
```

7.29.3.2 actions

```
Dictionary<int, Func<string> > Area.Models.SpotifyModule.actions = new Dictionary<int, Func<string>>()
[private]
```

7.29.3.3 index

```
int Area.Models.SpotifyModule.index  [private]
```

7.29.3.4 reactions

```
Dictionary<int, Action<string> > Area.Models.SpotifyModule.reactions = new Dictionary<int,
Action<string>>()  [private]
```
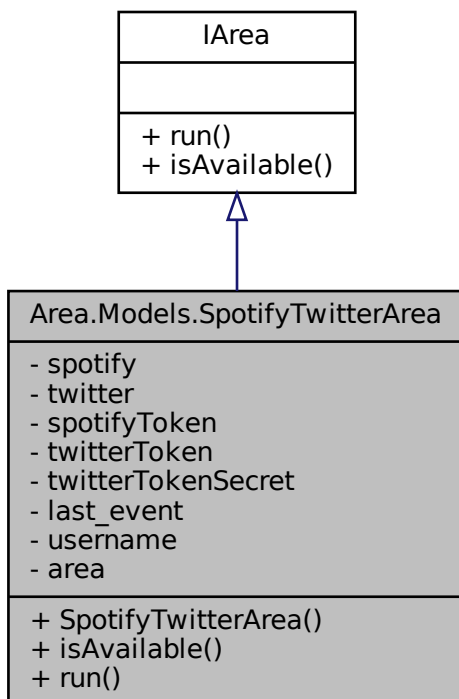
7.29.3.5 spotify

```
SpotifyWebAPI Area.Models.SpotifyModule.spotify  [private]
```

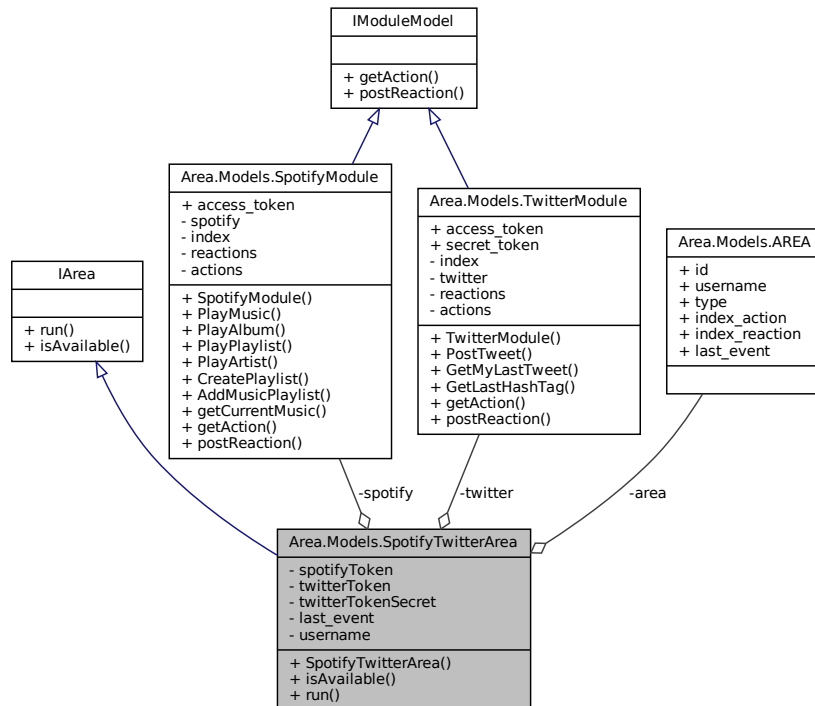The documentation for this class was generated from the following file:

- Models/Modules/SpotifyModule.cs

7.30 Area.Models.SpotifyTwitterArea Class Reference

Inheritance diagram for Area.Models.SpotifyTwitterArea:

Collaboration diagram for Area.Models.SpotifyTwitterArea:

Public Member Functions

- SpotifyTwitterArea (AREA area, AreaDbContext DB)
- bool isAvailable ()
- void run (AreaDbContext DB)

Private Attributes

- SpotifyModule spotify
- TwitterModule twitter
- string spotifyToken = ""
- string twitterToken = ""
- string twitterTokenSecret = ""
- string last_event
- string username
- AREA area

7.30.1 Constructor & Destructor Documentation

7.30.1.1 SpotifyTwitterArea()

```
Area.Models.SpotifyTwitterArea.SpotifyTwitterArea (
          AREA area,
          AreaDbContext DB )  [inline]
```

7.30.2 Member Function Documentation

7.30.2.1 isAvailable()

```
bool Area.Models.SpotifyTwitterArea.isAvailable ( )  [inline]
```
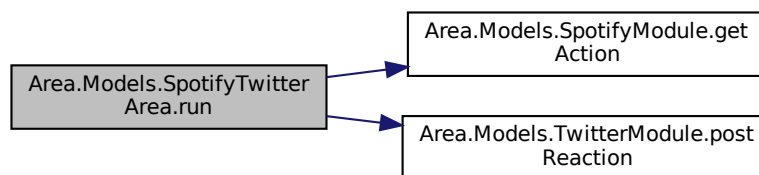
Implements Area.Models.IArea.

7.30.2.2 run()

```
void Area.Models.SpotifyTwitterArea.run (
          AreaDbContext DB )  [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:

7.30.3 Member Data Documentation

7.30.3.1 area

```
AREA Area.Models.SpotifyTwitterArea.area  [private]
```

7.30.3.2 last_event

```
string Area.Models.SpotifyTwitterArea.last_event  [private]
```

7.30.3.3 spotify

```
SpotifyModule Area.Models.SpotifyTwitterArea.spotify  [private]
```

7.30.3.4 spotifyToken

```
string Area.Models.SpotifyTwitterArea.spotifyToken = ""  [private]
```

7.30.3.5 twitter

```
TwitterModule Area.Models.SpotifyTwitterArea.twitter  [private]
```

7.30.3.6 twitterToken

```
string Area.Models.SpotifyTwitterArea.twitterToken = ""  [private]
```

7.30.3.7 twitterTokenSecret

```
string Area.Models.SpotifyTwitterArea.twitterTokenSecret = ""  [private]
```

7.30.3.8 username

```
string Area.Models.SpotifyTwitterArea.username  [private]
```

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

- Models/Areas/SpotifyTwitterArea.cs

7.31 Area.Controllers.SpotifyTwitterAreaController Class Reference

Inheritance diagram for Area.Controllers.SpotifyTwitterAreaController:
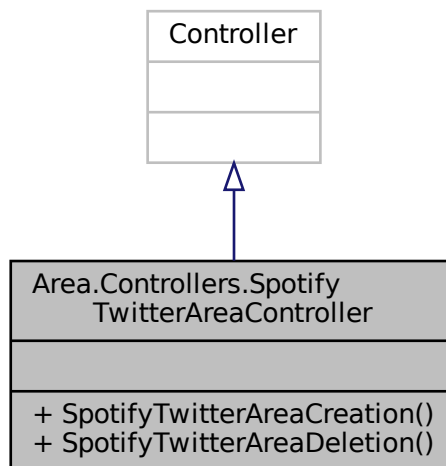
Collaboration diagram for Area.Controllers.SpotifyTwitterAreaController:
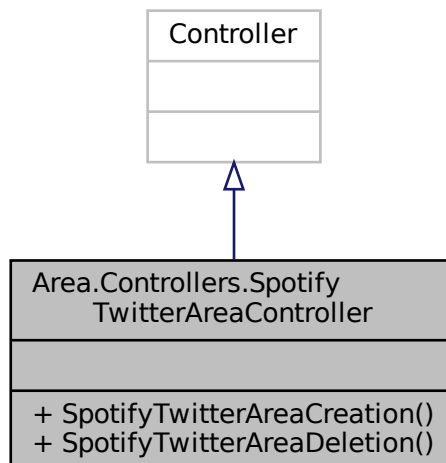
Public Member Functions

- ActionResult SpotifyTwitterAreaCreation (string action_index, string reaction_index, [FromServices] AreaDbContext DB)
- ActionResult SpotifyTwitterAreaDeletion (string action_index, string reaction_index, [FromServices] AreaDbContext DB)

7.31.1 Member Function Documentation

7.31.1.1 SpotifyTwitterAreaCreation()

```
ActionResult Area.Controllers.SpotifyTwitterAreaController.SpotifyTwitterAreaCreation (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

7.31.1.2 SpotifyTwitterAreaDeletion()

```
ActionResult Area.Controllers.SpotifyTwitterAreaController.SpotifyTwitterAreaDeletion (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

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

- Controllers/SpotifyTwitterAreaController.cs

7.32 Area.Startup Class Reference

Collaboration diagram for Area.Startup:
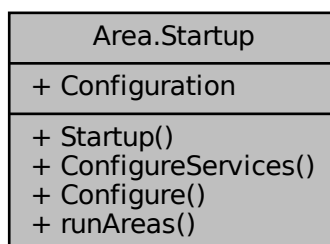
Public Member Functions

- Startup (IConfiguration configuration)
- void ConfigureServices (IServiceCollection services)
- void Configure (IApplicationBuilder app, IHostingEnvironment env)
- void runAreas (object Db)

Properties

- IConfiguration Configuration [get]

7.32.1 Constructor & Destructor Documentation

7.32.1.1 Startup()

```
Area.Startup.Startup (
            IConfiguration configuration )  [inline]
```

7.32.2 Member Function Documentation

7.32.2.1 Configure()

```
void Area.Startup.Configure (
            IApplicationBuilder app,
            IHostingEnvironment env )  [inline]
```

Here is the call graph for this function:

7.32.2.2 ConfigureServices()

```
void Area.Startup.ConfigureServices (
            IServiceCollection services )  [inline]
```

7.32.2.3 runAreas()

```
void Area.Startup.runAreas (
            object Db ) [inline]
```

Here is the call graph for this function:
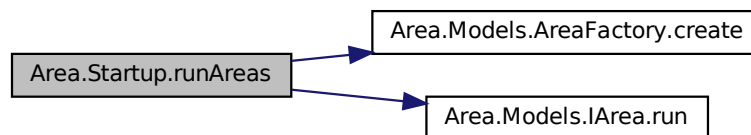
7.32.3 Property Documentation

7.32.3.1 Configuration

```
IConfiguration Area.Startup.Configuration [get]
```

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

- Startup.cs

7.33 Area.Models.Token Class Reference

Collaboration diagram for Area.Models.Token:
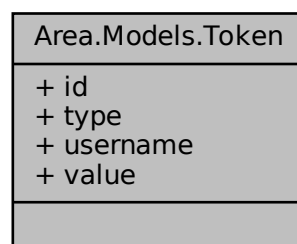
Properties

- int id [get, set]
- string type [get, set]
- string username [get, set]
- string value [get, set]

7.33.1 Property Documentation

7.33.1.1 id

```
int Area.Models.Token.id  [get], [set]
```

7.33.1.2 type

```
string Area.Models.Token.type  [get], [set]
```

7.33.1.3 username

```
string Area.Models.Token.username  [get], [set]
```

7.33.1.4 value

```
string Area.Models.Token.value  [get], [set]
```

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

- Models/Token.cs

7.34 Area.Controllers.TwitterController Class Reference

Inheritance diagram for Area.Controllers.TwitterController:
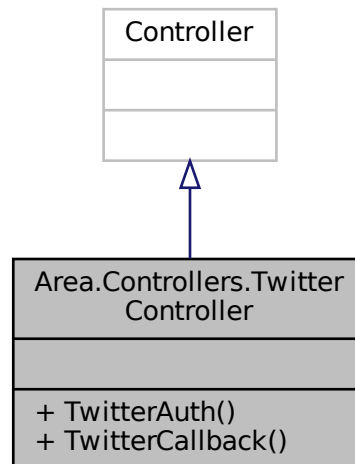
Collaboration diagram for Area.Controllers.TwitterController:
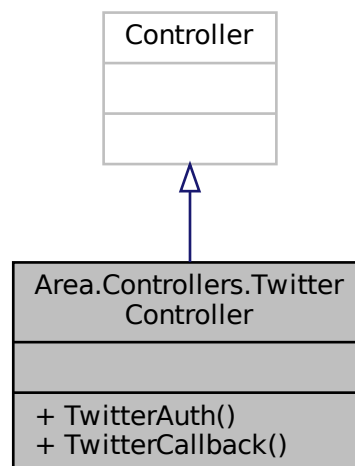
Public Member Functions

- ActionResult TwitterAuth ()
- ActionResult TwitterCallback (string oauth_token, string oauth_verifier, [FromServices] AreaDbContext DB)

7.34.1 Member Function Documentation

7.34.1.1 TwitterAuth()

```
ActionResult Area.Controllers.TwitterController.TwitterAuth ( )  [inline]
```

7.34.1.2 TwitterCallback()

```
ActionResult Area.Controllers.TwitterController.TwitterCallback (
            string oauth_token,
            string oauth_verifier,
            [FromServices] AreaDbContext DB )  [inline]
```

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

- Controllers/TwitterController.cs

7.35 Area.Models.TwitterModule Class Reference

Inheritance diagram for Area.Models.TwitterModule:
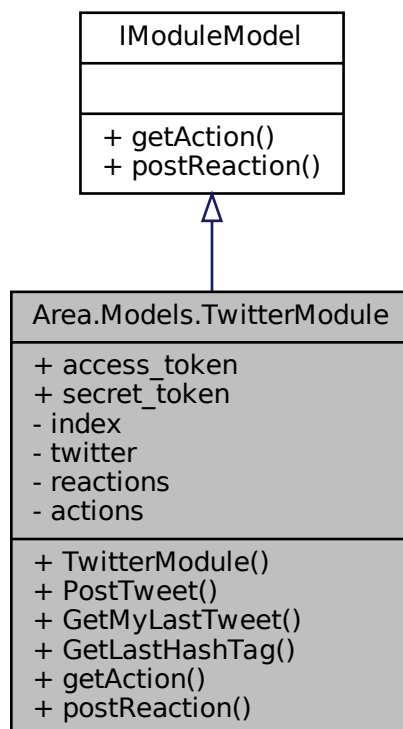
Collaboration diagram for Area.Models.TwitterModule:
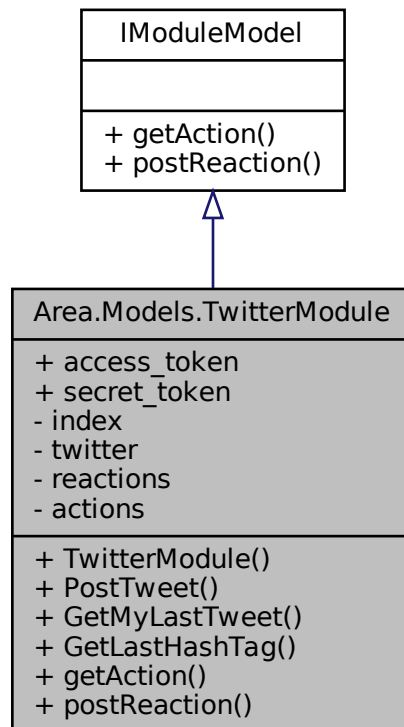
Public Member Functions

- TwitterModule (string AccessToken, string AccessTokenSecret, int index)
- void PostTweet (string post)
- string GetMyLastTweet ()
- string GetLastHashTag ()
- string getAction ()
- void postReaction (string reaction)

Public Attributes

- string access_token
- string secret_token

Private Attributes

- int index
- TwitterService twitter
- Dictionary< int, Action< string > > reactions = new Dictionary<int, Action<string>>()
- Dictionary< int, Func< string > > actions = new Dictionary<int, Func<string>>()

7.35.1 Constructor & Destructor Documentation

7.35.1.1 TwitterModule()

```
Area.Models.TwitterModule.TwitterModule (
            string AccessToken,
            string AccessTokenSecret,
            int index ) [inline]
```

7.35.2 Member Function Documentation

7.35.2.1 getAction()

```
string Area.Models.TwitterModule.getAction ( ) [inline]
```

Implements Area.Models.IModuleModel.

7.35.2.2 GetLastHashTag()

```
string Area.Models.TwitterModule.GetLastHashTag ( ) [inline]
```

7.35.2.3 GetMyLastTweet()

```
string Area.Models.TwitterModule.GetMyLastTweet ( ) [inline]
```

7.35.2.4 postReaction()

```
void Area.Models.TwitterModule.postReaction (
            string reaction ) [inline]
```

Implements Area.Models.IModuleModel.

7.35.2.5 PostTweet()

```
void Area.Models.TwitterModule.PostTweet (
            string post )  [inline]
```

7.35.3 Member Data Documentation

7.35.3.1 access_token

```
string Area.Models.TwitterModule.access_token
```

7.35.3.2 actions

```
Dictionary<int, Func<string> > Area.Models.TwitterModule.actions = new Dictionary<int, Func<string>>()
[private]
```

7.35.3.3 index

```
int Area.Models.TwitterModule.index  [private]
```

7.35.3.4 reactions

```
Dictionary<int, Action<string> > Area.Models.TwitterModule.reactions = new Dictionary<int,
Action<string>>()  [private]
```

7.35.3.5 secret_token

```
string Area.Models.TwitterModule.secret_token
```

7.35.3.6 twitter

```
TwitterService Area.Models.TwitterModule.twitter  [private]
```

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

- Models/Modules/TwitterModule.cs

7.36 Area.Models.TwitterSpotifyArea Class Reference

Inheritance diagram for Area.Models.TwitterSpotifyArea:
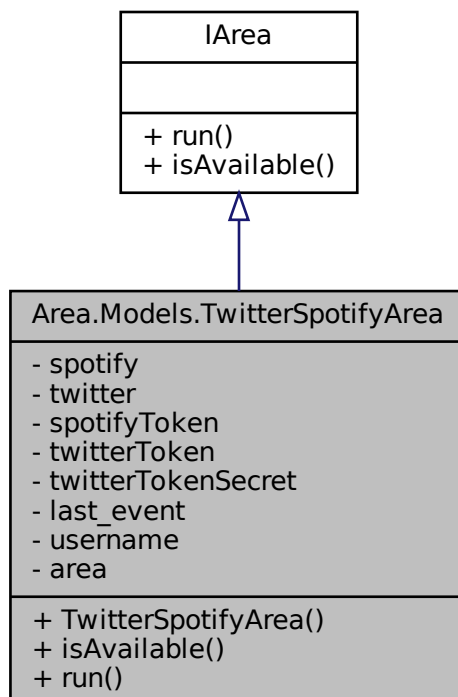
Collaboration diagram for Area.Models.TwitterSpotifyArea:
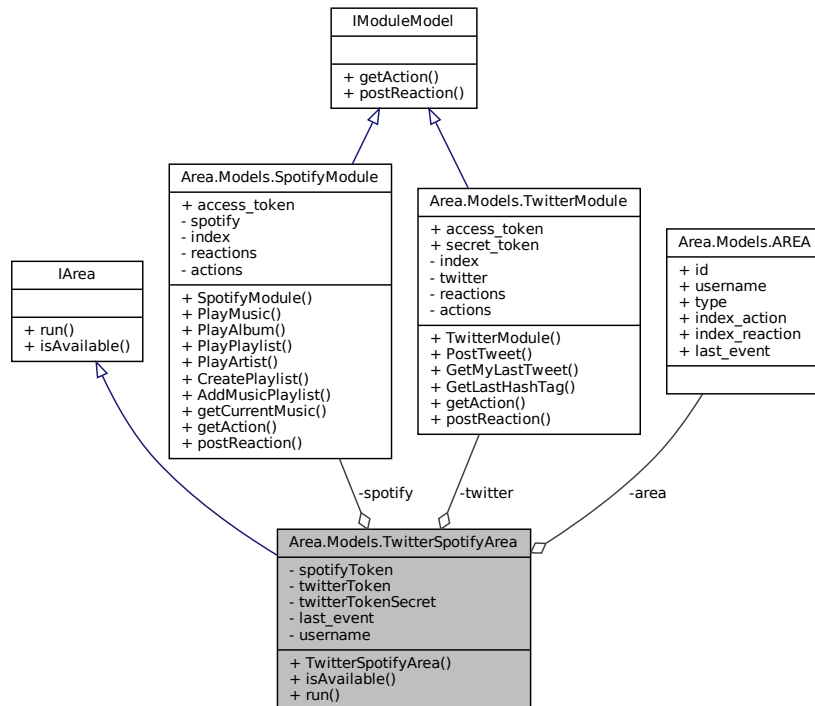
Public Member Functions

- TwitterSpotifyArea (AREA area, AreaDbContext DB)
- bool isAvailable ()
- void run (AreaDbContext DB)

Private Attributes

- SpotifyModule spotify
- TwitterModule twitter
- string spotifyToken = ""
- string twitterToken = ""
- string twitterTokenSecret = ""
- string last_event
- string username
- AREA area

7.36.1   Constructor & Destructor Documentation

7.36.1.1 TwitterSpotifyArea()

```
Area.Models.TwitterSpotifyArea.TwitterSpotifyArea (
            AREA area,
            AreaDbContext DB )  [inline]
```

7.36.2 Member Function Documentation

7.36.2.1 isAvailable()

```
bool Area.Models.TwitterSpotifyArea.isAvailable ( )  [inline]
```

Implements Area.Models.IArea.

7.36.2.2 run()

```
void Area.Models.TwitterSpotifyArea.run (
            AreaDbContext DB )  [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:
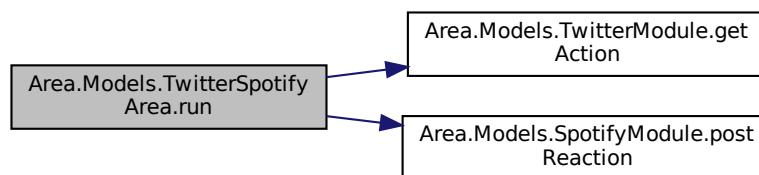
7.36.3 Member Data Documentation

7.36.3.1 area

```
AREA Area.Models.TwitterSpotifyArea.area  [private]
```

7.36.3.2 last_event

string Area.Models.TwitterSpotifyArea.last_event [private]

7.36.3.3 spotify

SpotifyModule Area.Models.TwitterSpotifyArea.spotify [private]

7.36.3.4 spotifyToken

string Area.Models.TwitterSpotifyArea.spotifyToken = "" [private]

7.36.3.5 twitter

TwitterModule Area.Models.TwitterSpotifyArea.twitter [private]

7.36.3.6 twitterToken

string Area.Models.TwitterSpotifyArea.twitterToken = "" [private]

7.36.3.7 twitterTokenSecret

string Area.Models.TwitterSpotifyArea.twitterTokenSecret = "" [private]

7.36.3.8 username

string Area.Models.TwitterSpotifyArea.username [private]

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

- Models/Areas/TwitterSpotifyArea.cs

7.37 Area.Controllers.TwitterSpotifyAreaController Class Reference

Inheritance diagram for Area.Controllers.TwitterSpotifyAreaController:
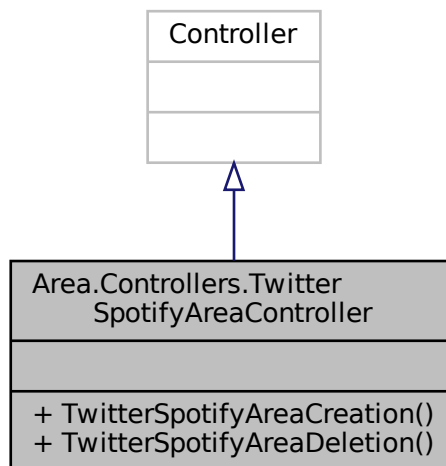
Collaboration diagram for Area.Controllers.TwitterSpotifyAreaController:
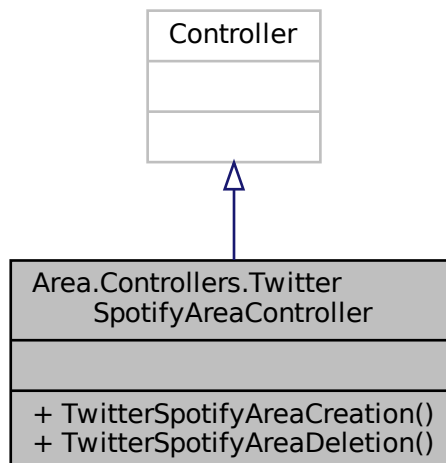
Public Member Functions

- ActionResult TwitterSpotifyAreaCreation (string action_index, string reaction_index, [FromServices] AreaDbContext DB)
- ActionResult TwitterSpotifyAreaDeletion (string action_index, string reaction_index, [FromServices] AreaDbContext DB)

7.37.1 Member Function Documentation

7.37.1.1 TwitterSpotifyAreaCreation()

```
ActionResult Area.Controllers.TwitterSpotifyAreaController.TwitterSpotifyAreaCreation (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

7.37.1.2 TwitterSpotifyAreaDeletion()

```
ActionResult Area.Controllers.TwitterSpotifyAreaController.TwitterSpotifyAreaDeletion (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

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

- Controllers/TwitterSpotifyAreaController.cs

7.38 Area.Models.User Class Reference

Collaboration diagram for Area.Models.User:
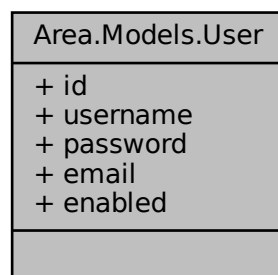
Properties

- int id [get, set]
- string username [get, set]
- string password [get, set]
- string email [get, set]
- bool enabled [get, set]

7.38.1 Property Documentation

7.38.1.1 email

```
string Area.Models.User.email [get], [set]
```

7.38.1.2 enabled

```
bool Area.Models.User.enabled [get], [set]
```

7.38.1.3 id

```
int Area.Models.User.id [get], [set]
```

7.38.1.4 password

```
string Area.Models.User.password [get], [set]
```

7.38.1.5 username

```
string Area.Models.User.username [get], [set]
```

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

- Models/User.cs

7.39 Area.Models.User_role Class Reference

Collaboration diagram for Area.Models.User_role:

Area.Models.User_role
+ id + fk_user_id + role

Properties

- int id [get, set]
- int fk_user_id [get, set]
- string role [get, set]

7.39.1 Property Documentation

7.39.1.1 fk_user_id

```
int Area.Models.User_role.fk_user_id [get], [set]
```

7.39.1.2 id

```
int Area.Models.User_role.id [get], [set]
```

7.39.1.3 role

```
string Area.Models.User_role.role [get], [set]
```

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

- Models/User_Role.cs

7.40 Area.Models.WoWCharacterList Class Reference

Collaboration diagram for Area.Models.WoWCharacterList:

Area.Models.WoWCharacterList
+ characters

Public Attributes

- List< WoWCharacterModel > characters

7.40.1 Member Data Documentation

7.40.1.1 characters

List<WoWCharacterModel> Area.Models.WoWCharacterList.characters

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

- Models/WoWCharacterList.cs

7.41 Area.Models.WoWCharacterModel Class Reference

Collaboration diagram for Area.Models.WoWCharacterModel:
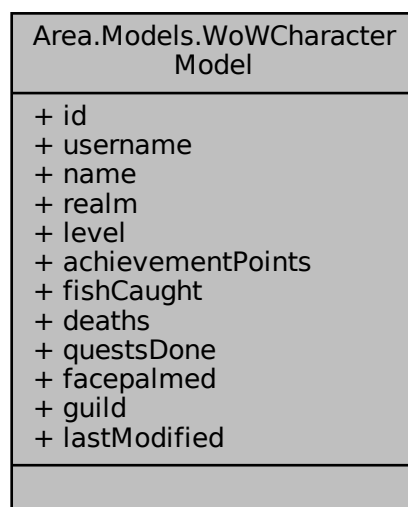
Properties

- int id [get, set]
- string username [get, set]
- string name [get, set]
- string realm [get, set]
- int level [get, set]
- int achievementPoints [get, set]
- int fishCaught [get, set]
- int deaths [get, set]
- int questsDone [get, set]
- int facepalmed [get, set]
- string guild [get, set]
- long lastModified [get, set]

7.41.1 Property Documentation

7.41.1.1 achievementPoints

```
int Area.Models.WoWCharacterModel.achievementPoints [get], [set]
```

7.41.1.2 deaths

```
int Area.Models.WoWCharacterModel.deaths [get], [set]
```

7.41.1.3 facepalmed

```
int Area.Models.WoWCharacterModel.facepalmed [get], [set]
```

7.41.1.4 fishCaught

```
int Area.Models.WoWCharacterModel.fishCaught [get], [set]
```

7.41.1.5 guild

```
string Area.Models.WoWCharacterModel.guild [get], [set]
```

7.41.1.6 id

```
int Area.Models.WoWCharacterModel.id  [get], [set]
```

7.41.1.7 lastModified

```
long Area.Models.WoWCharacterModel.lastModified  [get], [set]
```

7.41.1.8 level

```
int Area.Models.WoWCharacterModel.level  [get], [set]
```

7.41.1.9 name

```
string Area.Models.WoWCharacterModel.name  [get], [set]
```

7.41.1.10 questsDone

```
int Area.Models.WoWCharacterModel.questsDone  [get], [set]
```

7.41.1.11 realm

```
string Area.Models.WoWCharacterModel.realm  [get], [set]
```
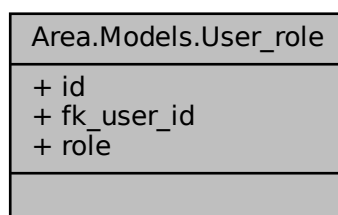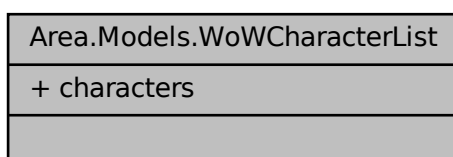
7.41.1.12 username

```
string Area.Models.WoWCharacterModel.username  [get], [set]
```

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

- Models/WoWCharacterModel.cs

7.42 Area.Controllers.WoWController Class Reference

Inheritance diagram for Area.Controllers.WoWController:

```
┌─────────────────────────────┐
│         Controller          │
├─────────────────────────────┤
│                             │
├─────────────────────────────┤
│                             │
└─────────────────────────────┘
              △
              │
┌─────────────────────────────┐
│  Area.Controllers.WoWController │
├─────────────────────────────┤
│                             │
├─────────────────────────────┤
│  + WoWConnection()          │
│  + WoWAuthorized()          │
│  + WoWProfileInfo()         │
│  + WoWTestView()            │
└─────────────────────────────┘
```

Collaboration diagram for Area.Controllers.WoWController:

```
┌─────────────────────────────┐
│         Controller          │
├─────────────────────────────┤
│                             │
├─────────────────────────────┤
│                             │
└─────────────────────────────┘
              △
              │
┌─────────────────────────────┐
│  Area.Controllers.WoWController │
├─────────────────────────────┤
│                             │
├─────────────────────────────┤
│  + WoWConnection()          │
│  + WoWAuthorized()          │
│  + WoWProfileInfo()         │
│  + WoWTestView()            │
└─────────────────────────────┘
```
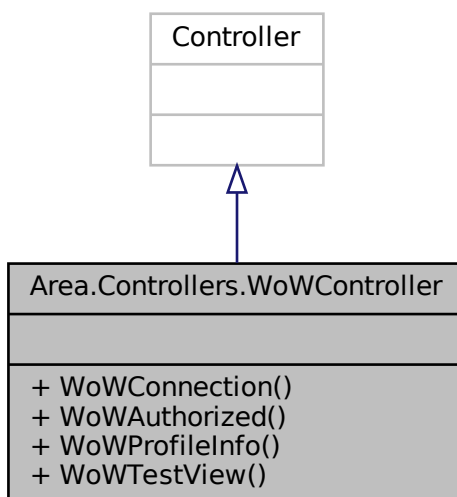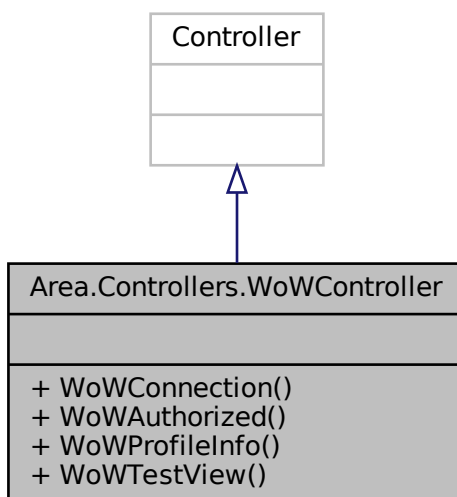
Public Member Functions

- ActionResult WoWConnection ()

- ActionResult WoWAuthorized (string state, string code, [FromServices] AreaDbContext DB)
- ActionResult WoWProfileInfo ([FromServices] AreaDbContext DB)
- ActionResult WoWTestView (string realm, string name, [FromServices] AreaDbContext DB)

7.42.1 Member Function Documentation

7.42.1.1 WoWAuthorized()

```
ActionResult Area.Controllers.WoWController.WoWAuthorized (
            string state,
            string code,
            [FromServices] AreaDbContext DB )  [inline]
```

7.42.1.2 WoWConnection()

```
ActionResult Area.Controllers.WoWController.WoWConnection ( )  [inline]
```

7.42.1.3 WoWProfileInfo()

```
ActionResult Area.Controllers.WoWController.WoWProfileInfo (
            [FromServices] AreaDbContext DB )  [inline]
```

Here is the call graph for this function:

7.42.1.4 WoWTestView()

```
ActionResult Area.Controllers.WoWController.WoWTestView (
            string realm,
            string name,
            [FromServices] AreaDbContext DB )  [inline]
```

Here is the call graph for this function:

```
┌─────────────────────────────┐     ┌─────────────────────────────┐
│ Area.Controllers.WoWController. │────▶│ Area.Models.WoWModuleModel.get │
│         WoWTestView         │     │           AllInfos          │
└─────────────────────────────┘     └─────────────────────────────┘
```
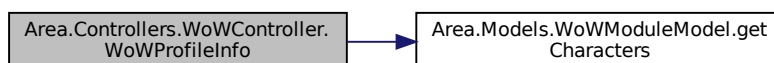
The documentation for this class was generated from the following file:

- Controllers/WoWController.cs

7.43 Area.Models.WoWModuleModel Class Reference

Inheritance diagram for Area.Models.WoWModuleModel:

```
┌─────────────────────────────┐
│        IModuleModel         │
├─────────────────────────────┤
│                             │
├─────────────────────────────┤
│      + getAction()          │
│      + postReaction()       │
└─────────────────────────────┘
              △
              │
┌─────────────────────────────┐
│  Area.Models.WoWModuleModel │
├─────────────────────────────┤
│   - access_token            │
│   - index                   │
├─────────────────────────────┤
│   + WoWModuleModel()        │
│   + setAccessToken()        │
│   + getAccessToken()        │
│   + setIndex()              │
│   + getIndex()              │
│   + getDeaths()             │
│   + getFacepalmed()         │
│   + getLevel()              │
│   + getQuestsDone()         │
│   + getFishCaught()         │
│   and 11 more...            │
└─────────────────────────────┘
```

Collaboration diagram for Area.Models.WoWModuleModel:

Public Member Functions

- [WoWModuleModel](string token, int [index])
- void [setAccessToken](string token)
- string [getAccessToken]()
- void [setIndex](int idx)
- int [getIndex]()
- int [getDeaths](string realm, string name)
- int [getFacepalmed](string realm, string name)
- int [getLevel](string realm, string name)
- int [getQuestsDone](string realm, string name)
- int [getFishCaught](string realm, string name)
- List< [WoWCharacterModel] > [getCharacters]()
- [WoWCharacterModel] [getAllInfos](string realm, string name)
- int [getNewCharacterStat](string realm, string name)
- int [getCurrentCharacterStat]([WoWCharacterModel] character)
- void [updateCharacter](int stat, [WoWCharacterModel] character, [AreaDbContext] DB)
- [WoWCharacterModel] [findCharacterModel](string realm, string name, [AreaDbContext] DB)
- bool [checkAndUpdateCharacter]([WoWCharacterModel] charact, [AreaDbContext] DB)
- string [getCharacterAction]([WoWCharacterModel] character)
- bool [alreadyExists](List< [WoWCharacterModel] > existing_characters, [WoWCharacterModel] character)
- string [getAction]()
- void [postReaction](string reaction)

Private Attributes

- string access_token
- int index

7.43.1 Constructor & Destructor Documentation

7.43.1.1 WoWModuleModel()

```
Area.Models.WoWModuleModel.WoWModuleModel (
            string token,
            int index ) [inline]
```

7.43.2 Member Function Documentation

7.43.2.1 alreadyExists()

```
bool Area.Models.WoWModuleModel.alreadyExists (
            List< WoWCharacterModel > existing_characters,
            WoWCharacterModel character ) [inline]
```

7.43.2.2 checkAndUpdateCharacter()

```
bool Area.Models.WoWModuleModel.checkAndUpdateCharacter (
            WoWCharacterModel charact,
            AreaDbContext DB ) [inline]
```

7.43.2.3 findCharacterModel()

```
WoWCharacterModel Area.Models.WoWModuleModel.findCharacterModel (
            string realm,
            string name,
            AreaDbContext DB ) [inline]
```

7.43.2.4 getAccessToken()

```
string Area.Models.WoWModuleModel.getAccessToken ( )  [inline]
```

7.43.2.5 getAction()

```
string Area.Models.WoWModuleModel.getAction ( )  [inline]
```

Implements [Area.Models.IModuleModel.](#)

7.43.2.6 getAllInfos()

```
WoWCharacterModel Area.Models.WoWModuleModel.getAllInfos (
            string realm,
            string name )  [inline]
```

7.43.2.7 getCharacterAction()

```
string Area.Models.WoWModuleModel.getCharacterAction (
            WoWCharacterModel character )  [inline]
```

7.43.2.8 getCharacters()

```
List<WoWCharacterModel> Area.Models.WoWModuleModel.getCharacters ( )  [inline]
```

7.43.2.9 getCurrentCharacterStat()

```
int Area.Models.WoWModuleModel.getCurrentCharacterStat (
            WoWCharacterModel character )  [inline]
```

7.43.2.10 getDeaths()

```
int Area.Models.WoWModuleModel.getDeaths (
            string realm,
            string name )  [inline]
```

7.43.2.11 getFacepalmed()

```
int Area.Models.WoWModuleModel.getFacepalmed (
            string realm,
            string name )  [inline]
```

7.43.2.12 getFishCaught()

```
int Area.Models.WoWModuleModel.getFishCaught (
            string realm,
            string name )  [inline]
```

7.43.2.13 getIndex()

```
int Area.Models.WoWModuleModel.getIndex ( )  [inline]
```

7.43.2.14 getLevel()

```
int Area.Models.WoWModuleModel.getLevel (
            string realm,
            string name )  [inline]
```

7.43.2.15 getNewCharacterStat()

```
int Area.Models.WoWModuleModel.getNewCharacterStat (
            string realm,
            string name )  [inline]
```

7.43.2.16 getQuestsDone()

```
int Area.Models.WoWModuleModel.getQuestsDone (
            string realm,
            string name )  [inline]
```

7.43.2.17 postReaction()

```
void Area.Models.WoWModuleModel.postReaction (
            string reaction ) [inline]
```

Implements Area.Models.IModuleModel.

7.43.2.18 setAccessToken()

```
void Area.Models.WoWModuleModel.setAccessToken (
            string token ) [inline]
```

7.43.2.19 setIndex()

```
void Area.Models.WoWModuleModel.setIndex (
            int idx ) [inline]
```

7.43.2.20 updateCharacter()

```
void Area.Models.WoWModuleModel.updateCharacter (
            int stat,
            WoWCharacterModel character,
            AreaDbContext DB ) [inline]
```

7.43.3 Member Data Documentation

7.43.3.1 access_token

```
string Area.Models.WoWModuleModel.access_token [private]
```
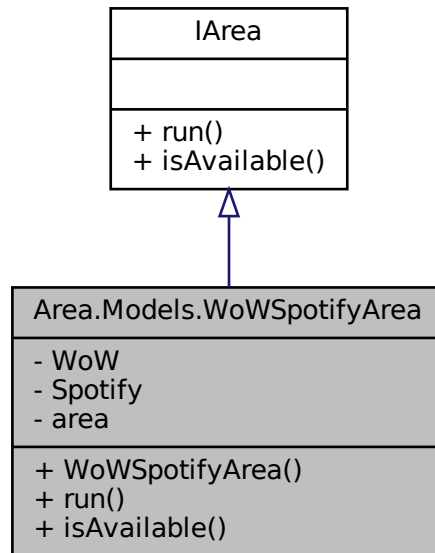
7.43.3.2 index

```
int Area.Models.WoWModuleModel.index [private]
```

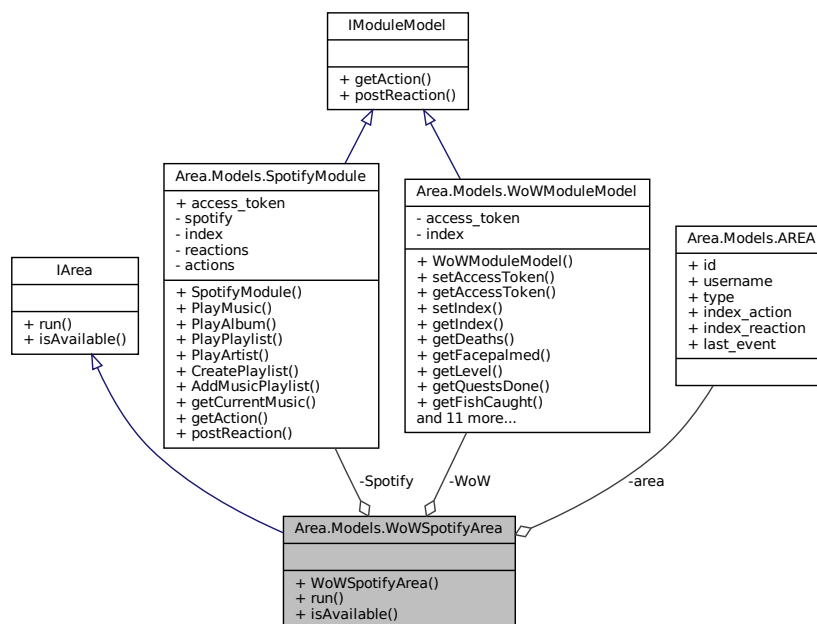The documentation for this class was generated from the following file:

- Models/Modules/WoWModuleModel.cs

7.44 Area.Models.WoWSpotifyArea Class Reference

Inheritance diagram for Area.Models.WoWSpotifyArea:

Collaboration diagram for Area.Models.WoWSpotifyArea:

Public Member Functions

- WoWSpotifyArea (AREA area, AreaDbContext DB)
- void run (AreaDbContext DB)
- bool isAvailable ()

Private Attributes

- WoWModuleModel WoW
- SpotifyModule Spotify
- AREA area

7.44.1 Constructor & Destructor Documentation

7.44.1.1 WoWSpotifyArea()

```
Area.Models.WoWSpotifyArea.WoWSpotifyArea (
            AREA area,
            AreaDbContext DB )  [inline]
```

7.44.2 Member Function Documentation

7.44.2.1 isAvailable()

```
bool Area.Models.WoWSpotifyArea.isAvailable ( )  [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:

7.44.2.2 run()

```
void Area.Models.WoWSpotifyArea.run (
            AreaDbContext DB ) [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:
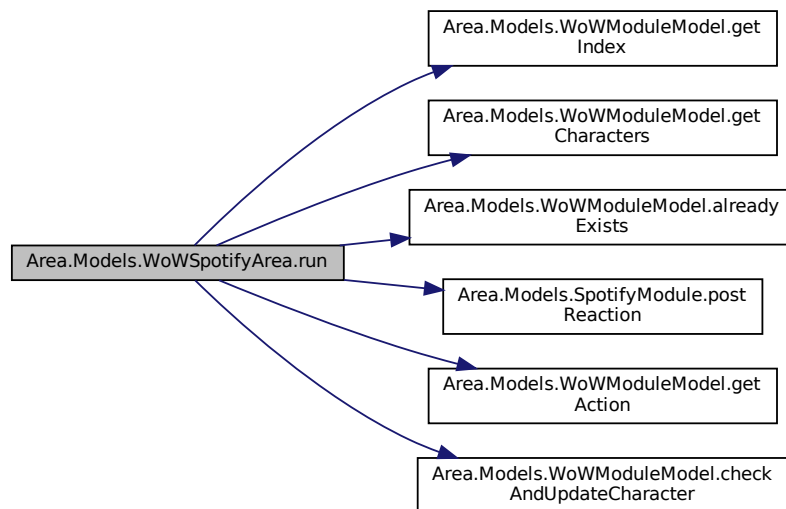
7.44.3 Member Data Documentation

7.44.3.1 area

```
AREA Area.Models.WoWSpotifyArea.area [private]
```

7.44.3.2 Spotify

```
SpotifyModule Area.Models.WoWSpotifyArea.Spotify [private]
```

7.44.3.3 WoW

```
WoWModuleModel Area.Models.WoWSpotifyArea.WoW [private]
```

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

- Models/Areas/WoWSpotifyArea.cs

7.45 Area.Controllers.WoWSpotifyAreaController Class Reference

Inheritance diagram for Area.Controllers.WoWSpotifyAreaController:
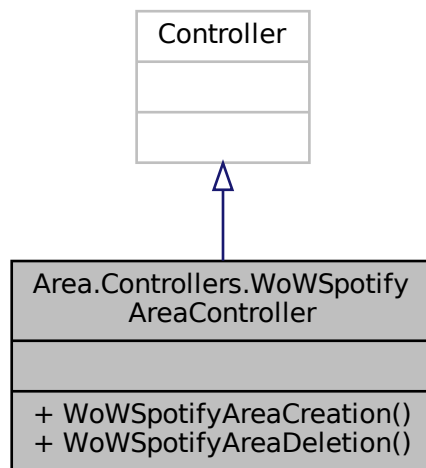
Collaboration diagram for Area.Controllers.WoWSpotifyAreaController:
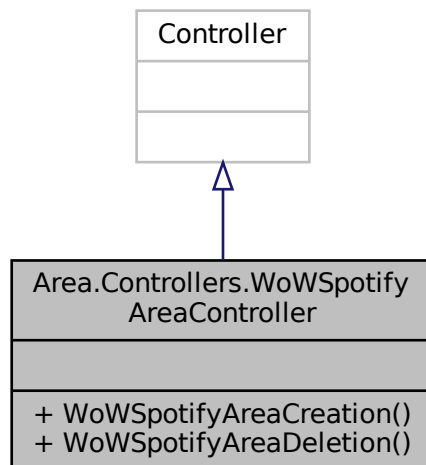
Public Member Functions

- ActionResult WoWSpotifyAreaCreation (string action_index, string reaction_index, [FromServices] AreaDbContext DB)
- ActionResult WoWSpotifyAreaDeletion (string action_index, string reaction_index, [FromServices] AreaDbContext DB)

7.45.1 Member Function Documentation

7.45.1.1 WoWSpotifyAreaCreation()

```
ActionResult Area.Controllers.WoWSpotifyAreaController.WoWSpotifyAreaCreation (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

7.45.1.2 WoWSpotifyAreaDeletion()

```
ActionResult Area.Controllers.WoWSpotifyAreaController.WoWSpotifyAreaDeletion (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

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

- Controllers/WoWSpotifyAreaController.cs

7.46 Area.Models.WoWTwitterArea Class Reference

Inheritance diagram for Area.Models.WoWTwitterArea:
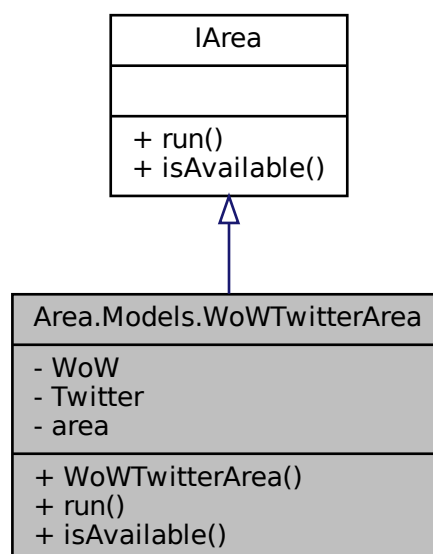
Collaboration diagram for Area.Models.WoWTwitterArea:
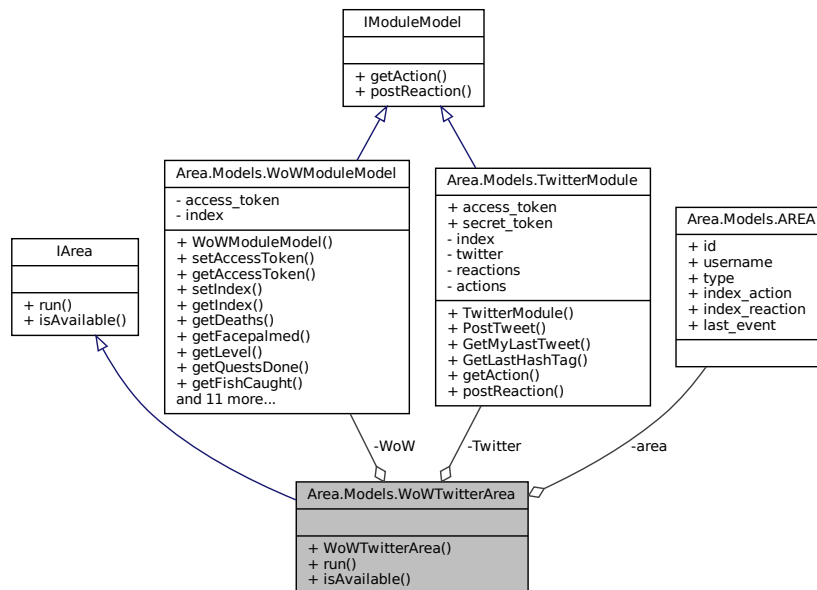
Public Member Functions

- WoWTwitterArea (AREA area, AreaDbContext DB)
- void run (AreaDbContext DB)
- bool isAvailable ()

Private Attributes

- WoWModuleModel WoW
- TwitterModule Twitter
- AREA area

7.46.1 Constructor & Destructor Documentation

7.46.1.1 WoWTwitterArea()

```
Area.Models.WoWTwitterArea.WoWTwitterArea (
          AREA area,
          AreaDbContext DB )  [inline]
```

7.46.2 Member Function Documentation

7.46.2.1 isAvailable()

```
bool Area.Models.WoWTwitterArea.isAvailable ( ) [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:

7.46.2.2 run()

```
void Area.Models.WoWTwitterArea.run (
            AreaDbContext DB ) [inline]
```

Implements Area.Models.IArea.

Here is the call graph for this function:
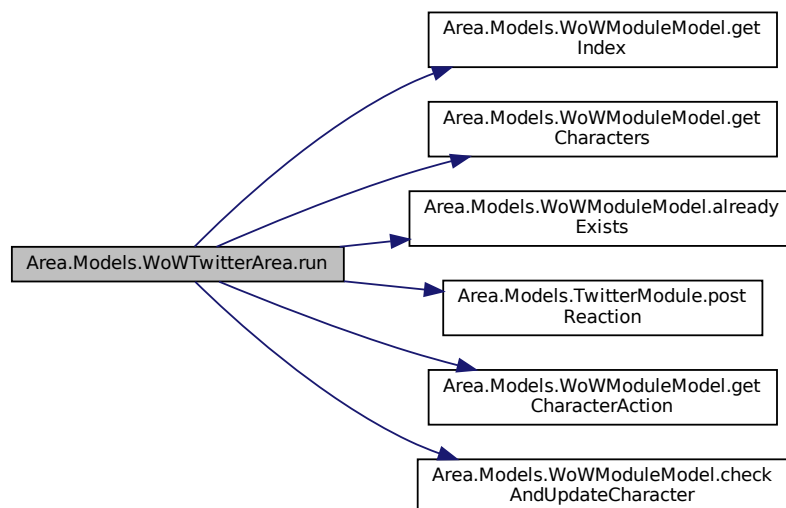
7.46.3 Member Data Documentation

7.46.3.1 area

AREA Area.Models.WoWTwitterArea.area [private]

7.46.3.2 Twitter

TwitterModule Area.Models.WoWTwitterArea.Twitter [private]

7.46.3.3 WoW

WoWModuleModel Area.Models.WoWTwitterArea.WoW [private]

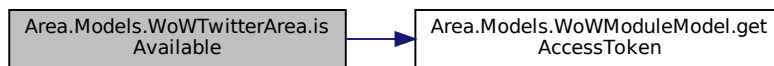The documentation for this class was generated from the following file:

- Models/Areas/WoWTwitterArea.cs

7.47 Area.Controllers.WoWTwitterAreaController Class Reference

Inheritance diagram for Area.Controllers.WoWTwitterAreaController:

```
          ┌─────────────────┐
          │   Controller    │
          ├─────────────────┤
          │                 │
          ├─────────────────┤
          │                 │
          └─────────────────┘
                   △
                   │
   ┌───────────────────────────────┐
   │ Area.Controllers.WoWTwitter   │
   │      AreaController           │
   ├───────────────────────────────┤
   │                               │
   ├───────────────────────────────┤
   │ + WoWTwitterAreaCreation()    │
   │ + WoWTwitterAreaDeletion()    │
   └───────────────────────────────┘
```

Collaboration diagram for Area.Controllers.WoWTwitterAreaController:

```
                         ┌─────────────────┐
                         │   Controller    │
                         ├─────────────────┤
                         │                 │
                         ├─────────────────┤
                         │                 │
                         └─────────────────┘
                                  △
                                  │
                 ┌──────────────────────────────────┐
                 │  Area.Controllers.WoWTwitter      │
                 │        AreaController             │
                 ├──────────────────────────────────┤
                 │                                   │
                 ├──────────────────────────────────┤
                 │  + WoWTwitterAreaCreation()       │
                 │  + WoWTwitterAreaDeletion()       │
                 └──────────────────────────────────┘
```
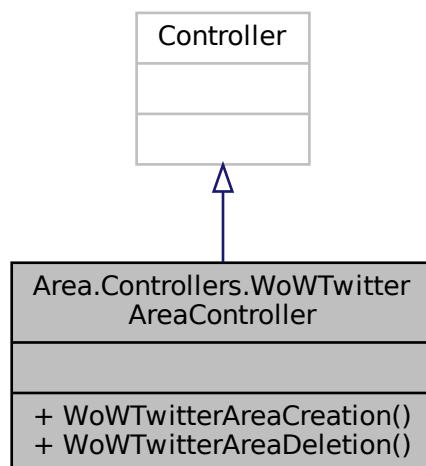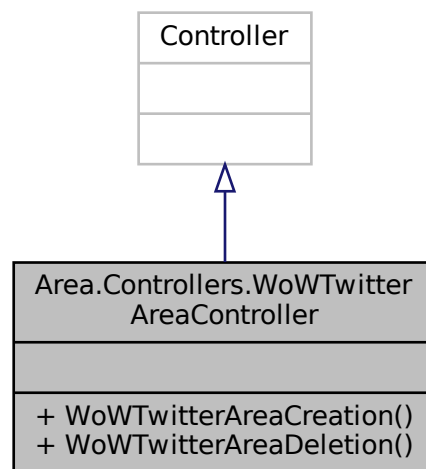
Public Member Functions

- ActionResult WoWTwitterAreaCreation (string action_index, string reaction_index, [FromServices] AreaDbContext DB)
- ActionResult WoWTwitterAreaDeletion (string action_index, string reaction_index, [FromServices] AreaDbContext DB)

7.47.1 Member Function Documentation

7.47.1.1 WoWTwitterAreaCreation()

```
ActionResult Area.Controllers.WoWTwitterAreaController.WoWTwitterAreaCreation (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

7.47.1.2 WoWTwitterAreaDeletion()

```
ActionResult Area.Controllers.WoWTwitterAreaController.WoWTwitterAreaDeletion (
            string action_index,
            string reaction_index,
            [FromServices] AreaDbContext DB )  [inline]
```

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

- Controllers/WoWTwitterAreaController.cs

Chapter 8

File Documentation

8.1 Controllers/ConnectionController.cs File Reference

Classes

- class Area.Controllers.ConnectionController

Namespaces

- namespace Area.Controllers

8.2 Controllers/FacebookController.cs File Reference

Classes

- class Area.Controllers.FacebookController

Namespaces

- namespace Area.Controllers

8.3 Controllers/FacebookSpotifyAreaController.cs File Reference

Classes

- class Area.Controllers.FacebookSpotifyAreaController

Namespaces

- namespace Area.Controllers

8.4 Controllers/FacebookTwitterAreaController.cs File Reference

Classes

- class Area.Controllers.FacebookTwitterAreaController

Namespaces

- namespace Area.Controllers

8.5 Controllers/GithubController.cs File Reference

Classes

- class Area.Controllers.GithubController

Namespaces

- namespace Area.Controllers

8.6 Controllers/GithubFacebookAreaController.cs File Reference

Classes

- class Area.Controllers.GithubFacebookAreaController

Namespaces

- namespace Area.Controllers

8.7 Controllers/HomeController.cs File Reference

Classes

- class Area.Controllers.ClientGmail
- class Area.Controllers.HomeController

Namespaces

- namespace Area.Controllers

8.8 Controllers/ManageAreaController.cs File Reference

Classes

- class Area.Controllers.ManageAreaController

Namespaces

- namespace Area.Controllers

8.9 Controllers/SpotifyController.cs File Reference

Classes

- class Area.Controllers.SpotifyController

Namespaces

- namespace Area.Controllers

8.10 Controllers/SpotifyTwitterAreaController.cs File Reference

Classes

- class Area.Controllers.SpotifyTwitterAreaController

Namespaces

- namespace Area.Controllers

8.11 Controllers/TwitterController.cs File Reference

Classes

- class Area.Controllers.TwitterController

Namespaces

- namespace Area.Controllers

8.12 Controllers/TwitterSpotifyAreaController.cs File Reference

Classes

- class Area.Controllers.TwitterSpotifyAreaController

Namespaces

- namespace Area.Controllers

8.13 Controllers/WoWController.cs File Reference

Classes

- class Area.Controllers.WoWController

Namespaces

- namespace Area.Controllers

8.14 Controllers/WoWSpotifyAreaController.cs File Reference

Classes

- class Area.Controllers.WoWSpotifyAreaController

Namespaces

- namespace Area.Controllers

8.15 Controllers/WoWTwitterAreaController.cs File Reference

Classes

- class Area.Controllers.WoWTwitterAreaController

Namespaces

- namespace Area.Controllers

8.16 DAT/AreaDbContext.cs File Reference

Classes

- class Area.DAT.AreaDbContext
- class Area.DAT.AreaDbThreadContext

Namespaces

- namespace Area.DAT

8.17 Models/Areas/Area.cs File Reference

Classes

- class Area.Models.AREA

Namespaces

- namespace Area.Models

8.18 Models/Areas/AreaFactory.cs File Reference

Classes

- class Area.Models.AreaFactory

Namespaces

- namespace Area.Models

8.19 Models/Areas/AreaType.cs File Reference

Classes

- class Area.Models.AreaType

Namespaces

- namespace Area.Models

8.20 Models/Areas/FacebookSpotifyArea.cs File Reference

Classes

- class Area.Models.FacebookSpotifyArea

Namespaces

- namespace Area.Models

8.21 Models/Areas/FacebookTwitterArea.cs File Reference

Classes

- class Area.Models.FacebookTwitterArea

Namespaces

- namespace Area.Models

8.22 Models/Areas/GithubFacebookArea.cs File Reference

Classes

- class Area.Models.GithubFacebookArea

Namespaces

- namespace Area.Models

8.23 Models/Areas/IArea.cs File Reference

Classes

- interface Area.Models.IArea

Namespaces

- namespace Area.Models

8.24   Models/Areas/SpotifyTwitterArea.cs File Reference

Classes

- class Area.Models.SpotifyTwitterArea

Namespaces

- namespace Area.Models

8.25   Models/Areas/TwitterSpotifyArea.cs File Reference

Classes

- class Area.Models.TwitterSpotifyArea

Namespaces

- namespace Area.Models

8.26   Models/Areas/WoWSpotifyArea.cs File Reference

Classes

- class Area.Models.WoWSpotifyArea

Namespaces

- namespace Area.Models

8.27   Models/Areas/WoWTwitterArea.cs File Reference

Classes

- class Area.Models.WoWTwitterArea

Namespaces

- namespace Area.Models

8.28 Models/ErrorLog.cs File Reference

Classes

- class Area.Models.ErrorLog

Namespaces

- namespace Area.Models

8.29 Models/ErrorViewModel.cs File Reference

Classes

- class Area.Models.ErrorViewModel

Namespaces

- namespace Area.Models

8.30 Models/FormModel.cs File Reference

Classes

- class Area.Models.FormLogin
- class Area.Models.FormRegister
- class Area.Models.FormCode

Namespaces

- namespace Area.Models

8.31 Models/Modules/FacebookModule.cs File Reference

Classes

- class Area.Models.FacebookModule

Namespaces

- namespace Area.Models

8.32   Models/Modules/GithubModuleModel.cs File Reference

Classes

- class Area.Models.GithubModuleModel

Namespaces

- namespace Area.Models

8.33   Models/Modules/IModuleModel.cs File Reference

Classes

- interface Area.Models.IModuleModel

Namespaces

- namespace Area.Models

8.34   Models/Modules/SpotifyModule.cs File Reference

Classes

- class Area.Models.SpotifyModule

Namespaces

- namespace Area.Models

8.35   Models/Modules/TwitterModule.cs File Reference

Classes

- class Area.Models.TwitterModule

Namespaces

- namespace Area.Models

8.36 Models/Modules/WoWModuleModel.cs File Reference

Classes

- class Area.Models.WoWModuleModel

Namespaces

- namespace Area.Models

8.37 Models/Token.cs File Reference

Classes

- class Area.Models.Token

Namespaces

- namespace Area.Models

8.38 Models/User.cs File Reference

Classes

- class Area.Models.User

Namespaces

- namespace Area.Models

8.39 Models/User_Role.cs File Reference

Classes

- class Area.Models.User_role

Namespaces

- namespace Area.Models

8.40 Models/WoWCharacterList.cs File Reference

Classes

- class Area.Models.WoWCharacterList

Namespaces

- namespace Area.Models

8.41 Models/WoWCharacterModel.cs File Reference

Classes

- class Area.Models.WoWCharacterModel

Namespaces

- namespace Area.Models

8.42 obj/Debug/netcoreapp2.0/Area.AssemblyInfo.cs File Reference

8.43 Program.cs File Reference

Classes

- class Area.Program

Namespaces

- namespace Area

8.44 Startup.cs File Reference

Classes

- class Area.Startup

Namespaces

- namespace Area

8.45 wwwroot/lib/jquery-validation/LICENSE.md File Reference