My Project

Generované programom Doxygen 1.9.7

1 <a href="https://github.com/iconic/open-iconic" >Open Iconic v1.1.1</a> **1**

1.0.1 Open Iconic is the open source sibling of <a href="https://github.com/iconic/open-iconic" >Iconic</a>. It is a hyper-legible collection of 223 icons with a tiny footprint—ready to use with Bootstrap and Foundation. <a href="https://github.com/iconic/open-iconic" >View the collection</a> . . . 1

1.1 What's in Open Iconic? . . . 1

1.2 Getting Started . . . 1

1.2.0.1 For code samples and everything else you need to get started with Open Iconic, check out our <a href="https://github.com/iconic/open-iconic" >Icons</a> and <a href="https://github.com/iconic/open-iconic" >Reference</a> sections. . . . 1

1.2.1 General Usage . . . 1

1.2.1.1 Using Open Iconic's SVGs . . . 1

1.2.1.2 Using Open Iconic's SVG Sprite . . . 2

1.2.1.3 Using Open Iconic's Icon Font... . . . 2

1.3 License . . . 2

1.3.1 Icons . . . 2

1.3.2 Fonts . . . 2

2 Register priestorov mien **3**

2.1 Package List . . . 3

3 Register hierarchie tried **5**

3.1 Hierarchia tried . . . 5

4 Register tried **7**

4.1 Zoznam tried . . . 7

5 Dokumentácia priestorov mien **9**

5.1 Dokumentácia priestoru mien Haxee . . . 9

5.2 Dokumentácia priestoru mien Haxee.Entities . . . 9

5.3 Dokumentácia priestoru mien Haxee.Entities.DTOs . . . 9

5.4 Dokumentácia priestoru mien Haxee.Entities.Entities . . . 9

5.5 Dokumentácia priestoru mien Haxee.Entities.Entities.Mqtt . . . 9

5.6 Dokumentácia priestoru mien Haxee.Entities.Enums . . . 10

5.7 Dokumentácia priestoru mien Haxee.Entities.Models . . . 10

5.8 Dokumentácia priestoru mien Haxee.Internal . . . 10

5.9 Dokumentácia priestoru mien Haxee.Internal.Data . . . 10

5.10 Dokumentácia priestoru mien Haxee.Internal.Helpers . . . 10

5.11 Dokumentácia priestoru mien Haxee.Internal.Services . . . 10

5.12 Dokumentácia priestoru mien Haxee.MQTTConsumer . . . 11

5.13 Dokumentácia priestoru mien Haxee.MQTTConsumer.Services . . . 11

5.14 Dokumentácia priestoru mien Haxee.Test . . . 11

5.15 Dokumentácia priestoru mien Haxee.Web . . . 11

5.16 Dokumentácia priestoru mien Haxee.Web.Controllers . . . 11

5.17 Dokumentácia priestoru mien Haxee.Web.Pages . . . 11

5.18 Dokumentácia priestoru mien Haxee.Web.Pages.Admin 11
5.19 Dokumentácia priestoru mien Haxee.Web.Pages.Auth 11

6 Dokumentácia tried **13**

6.1 Dokumentácia triedy Haxee.Entities.DTOs.AbstractEntity 13
6.2 Dokumentácia triedy Haxee.Entities.Models.AddAccountModel 13
6.3 Dokumentácia triedy Haxee.Web.Pages.Admin.AddAccountsModel 14
6.4 Dokumentácia triedy Haxee.Entities.Models.AddPenaltyModel 14
6.5 Dokumentácia triedy Haxee.Entities.Entities.Attendee 14
6.6 Dokumentácia triedy Haxee.Entities.DTOs.AttendeeInformationDTO 15
6.6.1 Detailný popis 15
6.7 Dokumentácia triedy Haxee.Entities.Models.AttendeeLeaderboardModel 16
6.8 Dokumentácia triedy Haxee.Entities.Models.AttendeesStatsModel 16
6.9 Dokumentácia triedy Haxee.Entities.Constants.CascadingParameters 16
6.10 Dokumentácia triedy Haxee.Entities.Models.ChangeSettingsModel 16
6.11 Dokumentácia triedy Haxee.Entities.Constants 17
6.11.1 Dokumentácia k dátovým členom 17
6.11.1.1 DEFAULT_OPTIONS 17
6.12 Dokumentácia triedy Haxee.Entities.Models.CreateQuizModel 17
6.13 Dokumentácia triedy Haxee.Entities.Models.CreateStandModel 18
6.14 Dokumentácia triedy Haxee.Entities.Entities.Mqtt.CurrentYear 18
6.15 Dokumentácia triedy Haxee.Internal.Data.DataContext 18
6.16 Dokumentácia triedy Haxee.Internal.Data.DataSeeder 19
6.17 Dokumentácia triedy Haxee.MQTTConsumer.Services.DrawService 19
6.18 Dokumentácia triedy Haxee.Entities.Constants.Emails 20
6.19 Dokumentácia triedy Haxee.Web.Pages.ErrorModel 20
6.20 Dokumentácia triedy Haxee.MQTTConsumer.Services.HelperService 21
6.21 Dokumentácia triedy Haxee.Test.HelperServiceTest 21
6.22 Dokumentácia triedy Haxee.Web.Pages.Admin.InputModel 21
6.23 Dokumentácia triedy Haxee.Web.Pages.Auth.LoginModel.InputModel 22
6.24 Dokumentácia triedy Haxee.Web.Pages.Auth.LoginModel 22
6.25 Dokumentácia triedy Haxee.Web.Pages.Auth.LogoutModel 23
6.26 Dokumentácia triedy Haxee.Internal.Services.MailService 23
6.27 Dokumentácia triedy Haxee.Web.Pages.Admin.MenuModel 24
6.28 Dokumentácia triedy Haxee.MQTTConsumer.Services.MenuService 24
6.29 Dokumentácia triedy Haxee.Web.Controllers.MqttController 24
6.30 Dokumentácia triedy Haxee.MQTTConsumer.Services.MqttService 25
6.31 Dokumentácia triedy Haxee.Web.Controllers.PasswordController 25
6.32 Dokumentácia triedy Haxee.Internal.Helpers.PasswordHelper 26
6.33 Dokumentácia triedy Haxee.Entities.Constants.Paths 26
6.34 Dokumentácia triedy Haxee.Entities.Constants.Policies 26
6.35 Dokumentácia triedy Haxee.Web.Program 26

6.36 Dokumentácia triedy Program 27
6.37 Dokumentácia triedy Haxee.Internal.Helpers.QuizHelper 27
6.38 Dokumentácia triedy Haxee.Entities.Constants.Roles 27
6.39 Dokumentácia triedy Haxee.Web.Controllers.SetupController 27
6.40 Dokumentácia triedy Haxee.MQTTConsumer.Services.SetupService 28
6.41 Dokumentácia triedy Haxee.Entities.DTOs.Stand 28
6.42 Dokumentácia triedy Haxee.Entities.Models.StandStatsModel 29
6.43 Dokumentácia triedy Haxee.Entities.Entities.StandVisit 29
6.44 Dokumentácia triedy Haxee.Entities.DTOs.User 30
6.45 Dokumentácia triedy Haxee.Entities.Entities.Year 30

Register **31**

Kapitola 1

<a href=¨https://github.com/iconic/open-iconic¨ >Open Iconic v1.1.1</a>

1.0.1 Open Iconic is the open source sibling of <a href=¨https://github.com/iconic/open-iconic¨ >Iconic</a>. It is a hyper-legible collection of 223 icons with a tiny footprint—ready to use with Bootstrap and Foundation. <a href=¨https://github.com/iconic/open-iconic¨ >View the collection</a>

1.1 What's in Open Iconic?

- 223 icons designed to be legible down to 8 pixels
- Super-light SVG files - 61.8 for the entire set
- SVG sprite—the modern replacement for icon fonts
- Webfont (EOT, OTF, SVG, TTF, WOFF), PNG and WebP formats
- Webfont stylesheets (including versions for Bootstrap and Foundation) in CSS, LESS, SCSS and Stylus formats
- PNG and WebP raster images in 8px, 16px, 24px, 32px, 48px and 64px.

1.2 Getting Started

1.2.0.1 For code samples and everything else you need to get started with Open Iconic, check out our <a href=¨https://github.com/iconic/open-iconic¨ >Icons</a> and <a href=¨https://github.com/iconic/open-iconic¨ >Reference</a> sections.

1.2.1 General Usage

1.2.1.1 Using Open Iconic's SVGs

We like SVGs and we think they're the way to display icons on the web. Since Open Iconic are just basic SVGs, we suggest you display them like you would any other image (don't forget the `alt` attribute).

```
<img src="/open-iconic/svg/icon-name.svg" alt="icon name">
```

1.2.1.2 Using Open Iconic's SVG Sprite

Open Iconic also comes in a SVG sprite which allows you to display all the icons in the set with a single request. It's like an icon font, without being a hack.

Adding an icon from an SVG sprite is a little different than what you're used to, but it's still a piece of cake. *Tip: To make your icons easily style able, we suggest adding a general class to the* `<svg>` *tag and a unique class name for each different icon in the* `<use>` *tag.*

```
<svg class="icon">
  <use xlink:href="open-iconic.svg#account-login" class="icon-account-login"></use>
</svg>
```

Sizing icons only needs basic CSS. All the icons are in a square format, so just set the `<svg>` tag with equal width and height dimensions.

```
.icon {
  width: 16px;
  height: 16px;
}
```

Coloring icons is even easier. All you need to do is set the `fill` rule on the `<use>` tag.

```
.icon-account-login {
  fill: #f00;
}
```

To learn more about SVG Sprites, read Chris Coyier's guide.

1.2.1.3 Using Open Iconic's Icon Font...

...with Bootstrap

You can find our Bootstrap stylesheets in `font/css/open-iconic-bootstrap.{css, less, scss, styl}`

```
<link href="/open-iconic/font/css/open-iconic-bootstrap.css" rel="stylesheet">
<span class="oi oi-icon-name" title="icon name" aria-hidden="true"></span>
```

...with Foundation

You can find our Foundation stylesheets in `font/css/open-iconic-foundation.{css, less, scss, styl}`

```
<link href="/open-iconic/font/css/open-iconic-foundation.css" rel="stylesheet">
<span class="fi-icon-name" title="icon name" aria-hidden="true"></span>
```

...on its own

You can find our default stylesheets in `font/css/open-iconic.{css, less, scss, styl}`

```
<link href="/open-iconic/font/css/open-iconic.css" rel="stylesheet">
<span class="oi" data-glyph="icon-name" title="icon name" aria-hidden="true"></span>
```

1.3 License

1.3.1 Icons

All code (including SVG markup) is under the MIT License.

1.3.2 Fonts

All fonts are under the SIL Licensed.

Kapitola 2

Register priestorov mien

2.1 Package List

Tu nájdete zoznam balíkov so stručným popisom (pokiaľ bol uvedený):

Haxee . . . 9
Haxee.Entities . . . 9
Haxee.Entities.DTOs . . . 9
Haxee.Entities.Entities . . . 9
Haxee.Entities.Entities.Mqtt . . . 9
Haxee.Entities.Enums . . . 10
Haxee.Entities.Models . . . 10
Haxee.Internal . . . 10
Haxee.Internal.Data . . . 10
Haxee.Internal.Helpers . . . 10
Haxee.Internal.Services . . . 10
Haxee.MQTTConsumer . . . 11
Haxee.MQTTConsumer.Services . . . 11
Haxee.Test . . . 11
Haxee.Web . . . 11
Haxee.Web.Controllers . . . 11
Haxee.Web.Pages . . . 11
Haxee.Web.Pages.Admin . . . 11
Haxee.Web.Pages.Auth . . . 11

Kapitola 3

Register hierarchie tried

3.1 Hierarchia tried

Tu nájdete zoznam, vyjadrujúci vzťah dedičnosti tried. Je zoradený približne (ale nie úplne) podľa abecedy:

AbstractEntity
- Haxee.Entities.Entities.Attendee . . . 14
- Haxee.Entities.Entities.StandVisit . . . 29
- Haxee.Entities.Entities.Year . . . 30

Haxee.Entities.DTOs.AbstractEntity . . . 13
- Haxee.Entities.DTOs.Stand . . . 28

Haxee.Entities.Models.AddAccountModel . . . 13
Haxee.Entities.Models.AddPenaltyModel . . . 14
Haxee.Entities.DTOs.AttendeeInformationDTO . . . 15
Haxee.Entities.Models.AttendeeLeaderboardModel . . . 16
Haxee.Entities.Models.AttendeesStatsModel . . . 16
Haxee.Entities.Constants.CascadingParameters . . . 16
Haxee.Entities.Models.ChangeSettingsModel . . . 16
Haxee.Entities.Constants . . . 17

ControllerBase
- Haxee.Web.Controllers.MqttController . . . 24
- Haxee.Web.Controllers.PasswordController . . . 25
- Haxee.Web.Controllers.SetupController . . . 27

Haxee.Entities.Models.CreateQuizModel . . . 17
Haxee.Entities.Models.CreateStandModel . . . 18
Haxee.Entities.Entities.Mqtt.CurrentYear . . . 18
Haxee.Internal.Data.DataSeeder . . . 19
Haxee.MQTTConsumer.Services.DrawService . . . 19
Haxee.Entities.Constants.Emails . . . 20
Haxee.MQTTConsumer.Services.HelperService . . . 21
Haxee.Test.HelperServiceTest . . . 21

IdentityDbContext
- Haxee.Internal.Data.DataContext . . . 18

IdentityUser
- Haxee.Entities.DTOs.User . . . 30

Haxee.Web.Pages.Admin.InputModel . . . 21
Haxee.Web.Pages.Auth.LoginModel.InputModel . . . 22
Haxee.Internal.Services.MailService . . . 23
Haxee.MQTTConsumer.Services.MenuService . . . 24
Haxee.MQTTConsumer.Services.MqttService . . . 25

PageModel
- Haxee.Web.Pages.Admin.AddAccountsModel . . . 14
- Haxee.Web.Pages.Admin.MenuModel . . . 24
- Haxee.Web.Pages.Auth.LoginModel . . . 22
- Haxee.Web.Pages.Auth.LogoutModel . . . 23
- Haxee.Web.Pages.ErrorModel . . . 20

Haxee.Internal.Helpers.PasswordHelper . . . 26
Haxee.Entities.Constants.Paths . . . 26
Haxee.Entities.Constants.Policies . . . 26
Haxee.Web.Program . . . 26
Program . . . 27
Haxee.Internal.Helpers.QuizHelper . . . 27
Haxee.Entities.Constants.Roles . . . 27
Haxee.MQTTConsumer.Services.SetupService . . . 28
Haxee.Entities.Models.StandStatsModel . . . 29

Kapitola 4

Register tried

4.1 Zoznam tried

Nasledujúci zoznam obsahuje predovšetkým identifikáciu tried, ale nachádzajú sa tu i ďalšie netriviálne prvky, ako sú štruktúry (struct), uniony (union) a rozhrania (interface). V zozname sú uvedené ich stručné popisy:

Haxee.Entities.DTOs.AbstractEntity . . . 13
Haxee.Entities.Models.AddAccountModel . . . 13
Haxee.Web.Pages.Admin.AddAccountsModel . . . 14
Haxee.Entities.Models.AddPenaltyModel . . . 14
Haxee.Entities.Entities.Attendee . . . 14
Haxee.Entities.DTOs.AttendeeInformationDTO
Objekt pre pohyb dát. MQTT Consumer využíva tento objekt na rozparsovanie správy od MQTT Brokera a jej následné odoslanie na API . . . 15
Haxee.Entities.Models.AttendeeLeaderboardModel . . . 16
Haxee.Entities.Models.AttendeesStatsModel . . . 16
Haxee.Entities.Constants.CascadingParameters . . . 16
Haxee.Entities.Models.ChangeSettingsModel . . . 16
Haxee.Entities.Constants . . . 17
Haxee.Entities.Models.CreateQuizModel . . . 17
Haxee.Entities.Models.CreateStandModel . . . 18
Haxee.Entities.Entities.Mqtt.CurrentYear . . . 18
Haxee.Internal.Data.DataContext . . . 18
Haxee.Internal.Data.DataSeeder . . . 19
Haxee.MQTTConsumer.Services.DrawService . . . 19
Haxee.Entities.Constants.Emails . . . 20
Haxee.Web.Pages.ErrorModel . . . 20
Haxee.MQTTConsumer.Services.HelperService . . . 21
Haxee.Test.HelperServiceTest . . . 21
Haxee.Web.Pages.Admin.InputModel . . . 21
Haxee.Web.Pages.Auth.LoginModel.InputModel . . . 22
Haxee.Web.Pages.Auth.LoginModel . . . 22
Haxee.Web.Pages.Auth.LogoutModel . . . 23
Haxee.Internal.Services.MailService . . . 23
Haxee.Web.Pages.Admin.MenuModel . . . 24
Haxee.MQTTConsumer.Services.MenuService . . . 24
Haxee.Web.Controllers.MqttController . . . 24
Haxee.MQTTConsumer.Services.MqttService . . . 25
Haxee.Web.Controllers.PasswordController . . . 25
Haxee.Internal.Helpers.PasswordHelper . . . 26

Haxee.Entities.Constants.Paths 26
Haxee.Entities.Constants.Policies 26
Haxee.Web.Program 26
Program 27
Haxee.Internal.Helpers.QuizHelper 27
Haxee.Entities.Constants.Roles 27
Haxee.Web.Controllers.SetupController 27
Haxee.MQTTConsumer.Services.SetupService 28
Haxee.Entities.DTOs.Stand 28
Haxee.Entities.Models.StandStatsModel 29
Haxee.Entities.Entities.StandVisit 29
Haxee.Entities.DTOs.User 30
Haxee.Entities.Entities.Year 30

Kapitola 5

Dokumentácia priestorov mien

5.1 Dokumentácia priestoru mien Haxee

5.2 Dokumentácia priestoru mien Haxee.Entities

Triedy

- class Constants

5.3 Dokumentácia priestoru mien Haxee.Entities.DTOs

Triedy

- class AbstractEntity
- class AttendeeInformationDTO

  Objekt pre pohyb dát. MQTT Consumer využíva tento objekt na rozparsovanie správy od MQTT Brokera a jej následné odoslanie na API.
- class Stand
- class User

5.4 Dokumentácia priestoru mien Haxee.Entities.Entities

Triedy

- class Attendee
- class StandVisit
- class Year

5.5 Dokumentácia priestoru mien Haxee.Entities.Entities.Mqtt

Triedy

- class CurrentYear

5.6 Dokumentácia priestoru mien Haxee.Entities.Enums

Enumerácie

- enum **StandVisitStatus** { **Waiting** , **Working** , **Done** }
- enum **UserType** { **Instructor** , **Kid** }
- enum **YearStatus** { **Finished** , **InProgress** , **Pending** }

5.7 Dokumentácia priestoru mien Haxee.Entities.Models

Triedy

- class AddAccountModel
- class AddPenaltyModel
- class AttendeeLeaderboardModel
- class AttendeesStatsModel
- class ChangeSettingsModel
- class CreateQuizModel
- class CreateStandModel
- class StandStatsModel

5.8 Dokumentácia priestoru mien Haxee.Internal

5.9 Dokumentácia priestoru mien Haxee.Internal.Data

Triedy

- class DataContext
- class DataSeeder

5.10 Dokumentácia priestoru mien Haxee.Internal.Helpers

Triedy

- class PasswordHelper
- class QuizHelper

5.11 Dokumentácia priestoru mien Haxee.Internal.Services

Triedy

- class MailService

5.12 Dokumentácia priestoru mien Haxee.MQTTConsumer

5.13 Dokumentácia priestoru mien Haxee.MQTTConsumer.Services

Triedy

- class DrawService
- class HelperService
- class MenuService
- class MqttService
- class SetupService

5.14 Dokumentácia priestoru mien Haxee.Test

Triedy

- class HelperServiceTest

5.15 Dokumentácia priestoru mien Haxee.Web

Triedy

- class Program

5.16 Dokumentácia priestoru mien Haxee.Web.Controllers

Triedy

- class MqttController
- class PasswordController
- class SetupController

5.17 Dokumentácia priestoru mien Haxee.Web.Pages

Triedy

- class ErrorModel

5.18 Dokumentácia priestoru mien Haxee.Web.Pages.Admin

Triedy

- class AddAccountsModel
- class InputModel
- class MenuModel

5.19 Dokumentácia priestoru mien Haxee.Web.Pages.Auth

Triedy

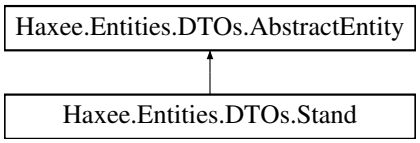
- class LoginModel
- class LogoutModel

Kapitola 6

Dokumentácia tried

6.1 Dokumentácia triedy Haxee.Entities.DTOs.AbstractEntity

Diagram dedičnosti pre triedu Haxee.Entities.DTOs.AbstractEntity



Vlastnosti

- int **Id** `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Entities/AbstractEntity.cs

6.2 Dokumentácia triedy Haxee.Entities.Models.AddAccountModel

Vlastnosti

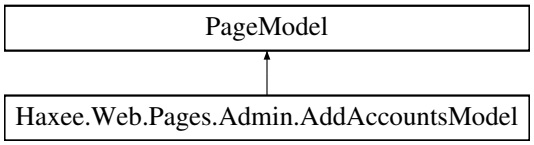
- required string **Name** `[get, set]`
- required string **Email** `[get, set]`
- required string **DateOfBirth** `[get, set]`
- UserType **UserType** = UserType.Kid `[get, set]`
- bool **SuperInstructor** = false `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Models/AddAccountModel.cs

6.3 Dokumentácia triedy Haxee.Web.Pages.Admin.AddAccountsModel

Diagram dedičnosti pre triedu Haxee.Web.Pages.Admin.AddAccountsModel



Verejné metódy

- **AddAccountsModel** (UserManager< User > userManager)
- void **OnGet** ()
- async Task< IActionResult > **OnPostAsync** ()

Vlastnosti

- InputModel **Input** = new() `[get, set]`

Privátne atribúty

- readonly UserManager< User > **_userManager**

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Pages/Admin/AddAccounts.cshtml.cs

6.4 Dokumentácia triedy Haxee.Entities.Models.AddPenaltyModel

Vlastnosti

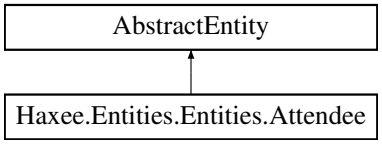
- int **PenaltyInMinutes** `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Models/AddPenaltyModel.cs

6.5 Dokumentácia triedy Haxee.Entities.Entities.Attendee

Diagram dedičnosti pre triedu Haxee.Entities.Entities.Attendee



Verejné metódy

- TimeSpan? **GetTime** ()

Vlastnosti

- DateTime? **StartedAt** `[get, set]`
- DateTime? **EndedAt** `[get, set]`
- required string **UserId** `[get, set]`
- string? **CardId** `[get, set]`
- required int **YearId** `[get, set]`
- virtual Year **Year** = null! `[get, set]`
- virtual User **User** = null! `[get, set]`
- virtual List< StandVisit > **StandVisits** = new() `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Entities/Attendee.cs

6.6 Dokumentácia triedy Haxee.Entities.DTOs.AttendeeInformationDTO

Objekt pre pohyb dát. MQTT Consumer využíva tento objekt na rozparsovanie správy od MQTT Brokera a jej následné odoslanie na API.

Vlastnosti

- required string **CardId** `[get, set]`

  Idnetifikačné číslo karty.
- required DateTime **DateTime** `[get, set]`

  čas, kedy bola priložená.
- required string **Trigger** `[get, set]`

  Stanovisko, ktoré správu odoslalo.

6.6.1 Detailný popis

Objekt pre pohyb dát. MQTT Consumer využíva tento objekt na rozparsovanie správy od MQTT Brokera a jej následné odoslanie na API.

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/DTOs/AttendeeInformationDTO.cs

6.7 Dokumentácia triedy Haxee.Entities.Models.AttendeeLeaderboardModel

Vlastnosti

- string **FullName** = string.Empty `[get, set]`
- TimeSpan? **Time** `[get, set]`
- int **VisitedStands** `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Models/AttendeeLeaderboardModel.cs

6.8 Dokumentácia triedy Haxee.Entities.Models.AttendeesStatsModel

Vlastnosti

- int **Waiting** `[get, set]`
- int **InProgress** `[get, set]`
- int **Completed** `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Models/AttendeesStatsModel.cs

6.9 Dokumentácia triedy Haxee.Entities.Constants.CascadingParameters

Statické verejné atribúty

- const string **CurrentAccount** = ¨CurrentAccount¨

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Constants.cs

6.10 Dokumentácia triedy Haxee.Entities.Models.ChangeSettingsModel

Vlastnosti

- string **FirstName** = string.Empty `[get, set]`
- string **LastName** = string.Empty `[get, set]`
- string **Email** = string.Empty `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Models/ChangeSettingsModel.cs

6.11 Dokumentácia triedy Haxee.Entities.Constants

Triedy

- class CascadingParameters
- class Emails
- class Paths
- class Policies
- class Roles

Statické verejné atribúty

- const string **QA_SEPARATOR** = "---"
- static JsonSerializerOptions DEFAULT_OPTIONS

6.11.1 Dokumentácia k dátovým členom

6.11.1.1 DEFAULT_OPTIONS

```
JsonSerializerOptions Haxee.Entities.Constants.DEFAULT_OPTIONS  [static]
```

Inicializátor:

```
= new JsonSerializerOptions
        {
            WriteIndented = true
        }
```

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Constants.cs

6.12 Dokumentácia triedy Haxee.Entities.Models.CreateQuizModel

Vlastnosti

- string **Name** = string.Empty `[get, set]`
- string **Location** = string.Empty `[get, set]`
- int **PenaltyInMinutes** = 1 `[get, set]`
- string **QuestionsAndAnswers** = string.Empty `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Models/CreateQuizModel.cs

6.13 Dokumentácia triedy Haxee.Entities.Models.CreateStandModel

Vlastnosti

- string **Name** = string.Empty `[get, set]`
- string **Location** = string.Empty `[get, set]`
- int **PenaltyInMinutes** = 10 `[get, set]`
- User? **Supervisor** `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Models/CreateStandModel.cs

6.14 Dokumentácia triedy Haxee.Entities.Entities.Mqtt.CurrentYear

Statické verejné metódy

- static CurrentYear **GetInstance** ()
- static async Task< bool > **IsSetUp** ()
- static void **Clear** ()

Vlastnosti

- string **BrokerIP** = string.Empty `[get, set]`
- int **BrokerPort** `[get, set]`
- string **ClientName** = ¨MQTTConsumer¨ `[get, set]`
- string **GlobalTopic** = string.Empty `[get, set]`
- int **Year** `[get, set]`

Statické privátne atribúty

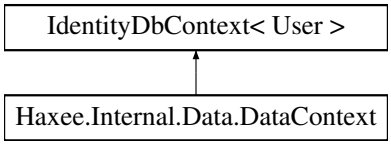
- static ? CurrentYear **_instance** = null

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Entities/Mqtt/CurrentYear.cs

6.15 Dokumentácia triedy Haxee.Internal.Data.DataContext

Diagram dedičnosti pre triedu Haxee.Internal.Data.DataContext



Verejné metódy

- **DataContext** (DbContextOptions dbContextOptions)

Chránené metódy

- override void **OnModelCreating** (ModelBuilder builder)

Vlastnosti

- DbSet< Stand > **Stands** `[get, set]`
- DbSet< Year > **Years** `[get, set]`
- DbSet< Attendee > **Attendees** `[get, set]`
- DbSet< StandVisit > **StandVisits** `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Internal/Data/DataContext.cs

6.16 Dokumentácia triedy Haxee.Internal.Data.DataSeeder

Statické verejné metódy

- static async Task **Seed** (IServiceProvider serviceProvider)

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Internal/Data/DataSeeder.cs

6.17 Dokumentácia triedy Haxee.MQTTConsumer.Services.DrawService

Statické verejné metódy

- static void **DrawLogo** ()
- static void **DrawErrorOption** (List< int > validOptions)
- static async Task **ShowCurrentSettings** ()
- static void **DrawMainMenu** ()
- static void **DrawBonk** ()
- static void **DrawErrorMessage** (string text)
- static void **DrawSuccessMessage** (string text)
- static void **DrawInfoMessage** (string text)
- static void **DrawReceivedMessage** (string topic, string message)

Statické privátne metódy

- static void **AddTopicColor** (string topic)

Statické privátne atribúty

- static Dictionary< string, ConsoleColor > **_topicColor** = new Dictionary<string, ConsoleColor>()

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.MQTTConsumer/Services/DrawService.cs

6.18 Dokumentácia triedy Haxee.Entities.Constants.Emails

Statické verejné atribúty

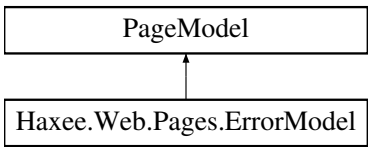
- const string **SUPER_ADMIN** = ¨superjozef@lstme.sk¨
- const string **INSTRUCTOR** = ¨jozef@lstme.sk¨
- const string **KID** = ¨ucastnik@lstme.sk¨
- const string **KID2** = ¨ucastnik2@lstme.sk¨

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Constants.cs

6.19 Dokumentácia triedy Haxee.Web.Pages.ErrorModel

Diagram dedičnosti pre triedu Haxee.Web.Pages.ErrorModel



Verejné metódy

- **ErrorModel** (ILogger< ErrorModel > logger)
- void **OnGet** ()

Vlastnosti

- string? **RequestId** `[get, set]`
- bool **ShowRequestId** `[get]`

Privátne atribúty

- readonly ILogger< ErrorModel > **_logger**

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Pages/Error.cshtml.cs

6.20 Dokumentácia triedy Haxee.MQTTConsumer.Services.HelperService

Statické verejné metódy

- static bool **ValidMenuOption** (List< int > validOptions, int option)
- static bool **ValidateYear** (string year)
- static bool **ValidateIp** (string a)
- static bool **ValidatePort** (string p)
- static bool **ValidateTopic** (string topic)
- static bool **ValidateCurrentYearSetup** (string year, string topic, string port, string ip)
- static ? YearStatus **GetStatusFromString** (string s)
- static ? AttendeeInformationDTO **ParseMessage** (string message, string topic)

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.MQTTConsumer/Services/HelperService.cs

6.21 Dokumentácia triedy Haxee.Test.HelperServiceTest

Verejné metódy

- void **ValidateIpValidAddress** ()
- void **ValidateIpInvalidAddress** ()
- void **ValidateYearValidYear** ()
- void **ValidateYearInvalidYear** ()
- void **ValidateMenuOptionValidOption** ()
- void **ValidateMenuOptionInvalidOption** ()
- void **ValidatePortValidOption** ()
- void **ValidatePortInvalidOption** ()
- void **ValidateTopicValidText** ()
- void **ValidateTopicInvalidText** ()
- void **ValidateCurrentYearSetupValid** ()
- void **ValidateCurrentYearSetupInvalid** ()
- void **ValidateMessageValid** ()
- void **ValidateMessageInvalid** ()

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Test/HelperServiceTest.cs

6.22 Dokumentácia triedy Haxee.Web.Pages.Admin.InputModel

Vlastnosti

- string **Json** = string.Empty `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Pages/Admin/AddAccounts.cshtml.cs

6.23 Dokumentácia triedy Haxee.Web.Pages.Auth.LoginModel.InputModel

Vlastnosti

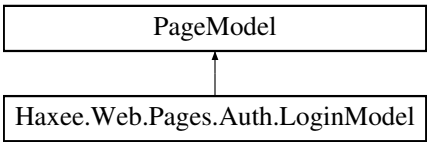
- string **Email** = string.Empty `[get, set]`
- string **Password** = string.Empty `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Pages/Auth/Login.cshtml.cs

6.24 Dokumentácia triedy Haxee.Web.Pages.Auth.LoginModel

Diagram dedičnosti pre triedu Haxee.Web.Pages.Auth.LoginModel



Triedy

- class InputModel

Verejné metódy

- **LoginModel** (SignInManager< User > signInManager, IConfiguration configuration)
- IActionResult **OnGet** ()
- async Task< IActionResult > **OnPostAsync** ()

Vlastnosti

- InputModel **Input** = new() `[get, set]`
- string **ReturnUrl** = string.Empty `[get, set]`

Privátne atribúty

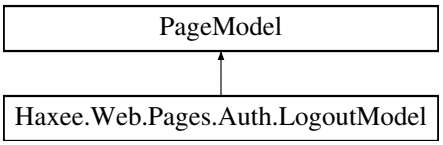
- readonly SignInManager< User > **_signInManager**
- readonly IConfiguration **_configuration**

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Pages/Auth/Login.cshtml.cs

6.25 Dokumentácia triedy Haxee.Web.Pages.Auth.LogoutModel

Diagram dedičnosti pre triedu Haxee.Web.Pages.Auth.LogoutModel



Verejné metódy

- **LogoutModel** (SignInManager< User > signInManager)
- async Task< IActionResult > **OnGetAsync** ()

Privátne atribúty

- readonly SignInManager< User > **_signInManager**

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Pages/Auth/Logout.cshtml.cs

6.26 Dokumentácia triedy Haxee.Internal.Services.MailService

Verejné metódy

- **MailService** (IEmailService emailService)
- async Task **SendNewPasswordAsync** (string emailAddress, string password)

Privátne metódy

- async Task **SendEmailAsync** (string emailAddress, string subject, string bodyPath, Dictionary< string, string >? data=null)

Privátne atribúty

- readonly IEmailService **_emailService**

Statické privátne atribúty

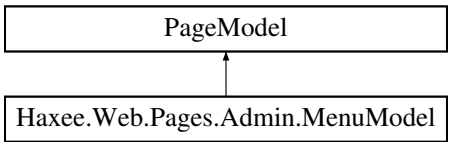
- static readonly string **BASE_PATH** = Path.Combine(AppDomain.CurrentDomain.BaseDirectory, ¨wwwroot¨, ¨emails¨)
- static readonly string **NEW_PASSWORD** = Path.Combine(BASE_PATH, ¨NewPassword.html¨)

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Internal/Services/MailService.cs

6.27 Dokumentácia triedy Haxee.Web.Pages.Admin.MenuModel

Diagram dedičnosti pre triedu Haxee.Web.Pages.Admin.MenuModel



Verejné metódy

- void **OnGet** ()

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Pages/Admin/Menu.cshtml.cs

6.28 Dokumentácia triedy Haxee.MQTTConsumer.Services.MenuService

Statické verejné metódy

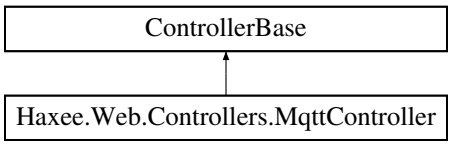
- static int **MainMenu** ()
- static async Task **CurrentSetup** ()
- static void **MQTTMissingInfoScreen** ()
- static async void **HifiSetUp** ()

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.MQTTConsumer/Services/MenuService.cs

6.29 Dokumentácia triedy Haxee.Web.Controllers.MqttController

Diagram dedičnosti pre triedu Haxee.Web.Controllers.MqttController



Verejné metódy

- **MqttController** (IDbContextFactory< DataContext > dbContextFactory)
- async Task< IActionResult > **PostAsync** ([FromBody] AttendeeInformationDTO attendeeInformation)

Privátne atribúty

- readonly IDbContextFactory< DataContext > **_dbContextFactory**

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Controllers/MqttController.cs

6.30 Dokumentácia triedy Haxee.MQTTConsumer.Services.MqttService

Statické verejné metódy

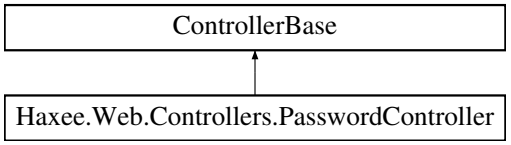
- static async Task **SetupAndRunMQTT** ()
- static void **OnConnected** (MqttClientConnectedEventArgs obj)
- static void **OnConnectingFailed** (ManagedProcessFailedEventArgs obj)
- static void **OnDisconnected** (MqttClientDisconnectedEventArgs obj)

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.MQTTConsumer/Services/MqttService.cs

6.31 Dokumentácia triedy Haxee.Web.Controllers.PasswordController

Diagram dedičnosti pre triedu Haxee.Web.Controllers.PasswordController



Verejné metódy

- **PasswordController** (UserManager< User > userManager, MailService mailService)
- async Task< IActionResult > **PostAsync** ([FromQuery] string id)

Privátne atribúty

- readonly UserManager< User > **_userManager**
- readonly MailService **_mailService**

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Controllers/PasswordController.cs

6.32 Dokumentácia triedy Haxee.Internal.Helpers.PasswordHelper

Statické verejné metódy

- static string **GeneratePassword** ()

Statické privátne atribúty

- const string **ALPHABET** = ¨abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789¨
- const int **PASSWORD_LENGTH** = 8

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Internal/Helpers/PasswordHelper.cs

6.33 Dokumentácia triedy Haxee.Entities.Constants.Paths

Statické verejné atribúty

- const string **LOG_IN** = ¨/auth/login¨
- const string **LOG_OUT** = ¨/auth/logout¨

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Constants.cs

6.34 Dokumentácia triedy Haxee.Entities.Constants.Policies

Statické verejné atribúty

- const string **RequireUser** = ¨RequireUser¨
- const string **RequireAdmin** = ¨RequireAdmin¨

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Constants.cs

6.35 Dokumentácia triedy Haxee.Web.Program

Statické verejné metódy

- static void **Main** (string[ ] args)

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Program.cs

6.36 Dokumentácia triedy Program

Statické privátne metódy

- static async Task **Main** (string[ ] args)

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.MQTTConsumer/Program.cs

6.37 Dokumentácia triedy Haxee.Internal.Helpers.QuizHelper

Statické verejné metódy

- static ? string **GetQuestion** (string questionAndAnswer)
- static ? string **GetAnswer** (string questionAndAnswer)
- static bool **IsAnswerCorrect** (string questionAndAnswer, string providedAnswer)
- static string **GetQuestionAnswerPair** (string question, string answer)

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Internal/Helpers/QuizHelper.cs

6.38 Dokumentácia triedy Haxee.Entities.Constants.Roles

Statické verejné atribúty

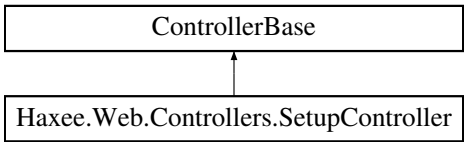
- const string **User** = ¨User¨
- const string **Admin** = ¨Admin¨

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Constants.cs

6.39 Dokumentácia triedy Haxee.Web.Controllers.SetupController

Diagram dedičnosti pre triedu Haxee.Web.Controllers.SetupController



Verejné metódy

- **SetupController** (IDbContextFactory< DataContext > dbContextFactory)
- async Task< IActionResult > **GetAsync** ()
- async Task< IActionResult > **PostAsync** ([FromBody] CurrentYear currentYear)

Privátne atribúty

- readonly IDbContextFactory< DataContext > **_dbContextFactory**

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Web/Controllers/SetupController.cs

6.40 Dokumentácia triedy Haxee.MQTTConsumer.Services.SetupService

Statické verejné metódy

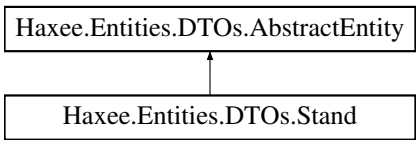
- static async Task **SetupCurrentYear** ()

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.MQTTConsumer/Services/SetupService.cs

6.41 Dokumentácia triedy Haxee.Entities.DTOs.Stand

Diagram dedičnosti pre triedu Haxee.Entities.DTOs.Stand



Vlastnosti

- string? **SupervisorId** `[get, set]`
- virtual ? User **Supervisor** `[get, set]`
- required string **Name** `[get, set]`
- required string **Location** `[get, set]`
- required int **Number** `[get, set]`
- required TimeSpan **Penalty** `[get, set]`
- required int **YearId** `[get, set]`
- bool **IsQuiz** `[get, set]`
- List< string > **QuestionsAndAnswers** = new() `[get, set]`
- virtual Year **Year** = null! `[get, set]`
- virtual List< StandVisit > **StandVisits** = new() `[get, set]`

Vlastnosti dedí sa z Haxee.Entities.DTOs.AbstractEntity

- int **Id** `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Entities/Stand.cs

6.42 Dokumentácia triedy Haxee.Entities.Models.StandStatsModel

Vlastnosti

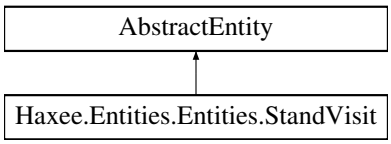
- Stand? **LongestWaitStand** `[get, set]`
- Stand? **ShortestWaitStand** `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Models/StandStatsModel.cs

6.43 Dokumentácia triedy Haxee.Entities.Entities.StandVisit

Diagram dedičnosti pre triedu Haxee.Entities.Entities.StandVisit



Vlastnosti

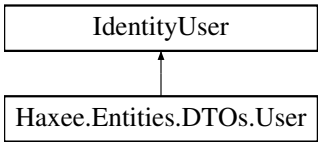
- required int **StandId** `[get, set]`
- virtual Stand **Stand** = null! `[get, set]`
- required int **AttendeeId** `[get, set]`
- virtual Attendee **Attendee** = null! `[get, set]`
- required StandVisitStatus **Status** `[get, set]`
- TimeSpan **Penalty** `[get, set]`
- bool **Skipped** `[get, set]`
- required DateTime **ArrivalTime** `[get, set]`
- DateTime? **EndWaitTime** `[get, set]`
- DateTime? **LeaveTime** `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Entities/StandVisit.cs

6.44 Dokumentácia triedy Haxee.Entities.DTOs.User

Diagram dedičnosti pre triedu Haxee.Entities.DTOs.User



Vlastnosti

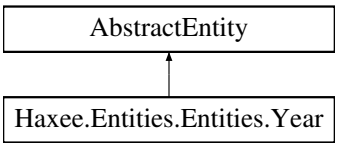
- required string **Name** `[get, set]`
- DateTime? **DateOfBirth** `[get, set]`
- required UserType **UserType** `[get, set]`
- bool **SuperInstructor** = false `[get, set]`
- string? **CardId** `[get, set]`
- virtual ? Stand **SupervisorOfStand** `[get, set]`
- virtual List< Attendee > **Attendances** = new() `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Entities/User.cs

6.45 Dokumentácia triedy Haxee.Entities.Entities.Year

Diagram dedičnosti pre triedu Haxee.Entities.Entities.Year



Vlastnosti

- required int **YearValue** `[get, set]`
- string? **BrokerIp** `[get, set]`
- int? **BrokerPort** `[get, set]`
- string? **GlobalTopic** `[get, set]`
- virtual List< Stand > **Stands** = new() `[get, set]`
- virtual List< Attendee > **Attendees** = new() `[get, set]`
- YearStatus **Status** = YearStatus.Pending `[get, set]`

Dokumentácia pre túto triedu bola generovaná z nasledujúceho súboru:

- Haxee.Entities/Entities/Year.cs

Register

<a href="https://github.com/iconic/open-iconic">Open Iconic v1.1.1</a>, 1

DEFAULT_OPTIONS
    Haxee.Entities.Constants, 17

Haxee, 9
Haxee.Entities, 9
Haxee.Entities.Constants, 17
    DEFAULT_OPTIONS, 17
Haxee.Entities.Constants.CascadingParameters, 16
Haxee.Entities.Constants.Emails, 20
Haxee.Entities.Constants.Paths, 26
Haxee.Entities.Constants.Policies, 26
Haxee.Entities.Constants.Roles, 27
Haxee.Entities.DTOs, 9
Haxee.Entities.DTOs.AbstractEntity, 13
Haxee.Entities.DTOs.AttendeeInformationDTO, 15
Haxee.Entities.DTOs.Stand, 28
Haxee.Entities.DTOs.User, 30
Haxee.Entities.Entities, 9
Haxee.Entities.Entities.Attendee, 14
Haxee.Entities.Entities.Mqtt, 9
Haxee.Entities.Entities.Mqtt.CurrentYear, 18
Haxee.Entities.Entities.StandVisit, 29
Haxee.Entities.Entities.Year, 30
Haxee.Entities.Enums, 10
Haxee.Entities.Models, 10
Haxee.Entities.Models.AddAccountModel, 13
Haxee.Entities.Models.AddPenaltyModel, 14
Haxee.Entities.Models.AttendeeLeaderboardModel, 16
Haxee.Entities.Models.AttendeesStatsModel, 16
Haxee.Entities.Models.ChangeSettingsModel, 16
Haxee.Entities.Models.CreateQuizModel, 17
Haxee.Entities.Models.CreateStandModel, 18
Haxee.Entities.Models.StandStatsModel, 29
Haxee.Internal, 10
Haxee.Internal.Data, 10
Haxee.Internal.Data.DataContext, 18
Haxee.Internal.Data.DataSeeder, 19
Haxee.Internal.Helpers, 10
Haxee.Internal.Helpers.PasswordHelper, 26
Haxee.Internal.Helpers.QuizHelper, 27
Haxee.Internal.Services, 10
Haxee.Internal.Services.MailService, 23
Haxee.MQTTConsumer, 11
Haxee.MQTTConsumer.Services, 11
Haxee.MQTTConsumer.Services.DrawService, 19
Haxee.MQTTConsumer.Services.HelperService, 21
Haxee.MQTTConsumer.Services.MenuService, 24
Haxee.MQTTConsumer.Services.MqttService, 25
Haxee.MQTTConsumer.Services.SetupService, 28
Haxee.Test, 11
Haxee.Test.HelperServiceTest, 21
Haxee.Web, 11
Haxee.Web.Controllers, 11
Haxee.Web.Controllers.MqttController, 24
Haxee.Web.Controllers.PasswordController, 25
Haxee.Web.Controllers.SetupController, 27
Haxee.Web.Pages, 11
Haxee.Web.Pages.Admin, 11
Haxee.Web.Pages.Admin.AddAccountsModel, 14
Haxee.Web.Pages.Admin.InputModel, 21
Haxee.Web.Pages.Admin.MenuModel, 24
Haxee.Web.Pages.Auth, 11
Haxee.Web.Pages.Auth.LoginModel, 22
Haxee.Web.Pages.Auth.LoginModel.InputModel, 22
Haxee.Web.Pages.Auth.LogoutModel, 23
Haxee.Web.Pages.ErrorModel, 20
Haxee.Web.Program, 26

Program, 27