CodeBlueDev.PluralSight.Core.Models

A .NET library containing PluralSight domain models that can be utilized by other .NET projects.

Warning: This documentation is no longer supported as PluralSight has changed how data is delivered to the users web browser.

he models and their properties were found from two URLs on the PluralSight website:

- https://app.pluralsight.com/data/course/{course-name}
- https://app.pluralsight.com/data/course/content/course-name}

To find more information about the models or their properties select an item below.

Contents

TODO:

- ☐ Transcripts (Not returned in current JSON).
- ☐ Notes (Appears when watching a video clip).

Author

An Author model will usually be created via deserialization of the Course JSON response. Multiple Author models can be included in the JSON response but the properties for each Author will remain the same.

Author Properties

Property	Description
Handle	The web friendly value that represents the PluralSight Author's name. Usually consists of the Author's first and last name separated by a '-'. The value is often used in PluralSight web requests (such as viewing all videos by an Author).
FirstName	The Author's first name.
LastName	The Author's last name.

Author Sample JSON

```json
{
    "handle":"mark-heath",
    "firstName":"Mark",
    "lastname":"Heath"
}
```

Clip

A Clip model will be created via deserialization of the Modules JSON response. Multiple Clip models can be included in the JSON response but the properties for each Clip will remain the same.

Clip Properties

Property	Description
Transcripts	Transcripts have not been completed yet. They may require a higher level PluralSight subscription.
ClipIndex	The index the clip is in the PluralSight Course's Module.
Title	The title of the clip.
HasBeenViewed	Determines whether the clip has been viewed.
Duration	The duration of the clip.
PlayerParameters	The clip's player parameters passed to the PluralSight video player.
UserMayViewClip	Indicates whether the clip can be watched by the user.
ClickActionDescription	The description displayed to the user when a clip can be launched in the PluralSight video player.
IsHighlighted	Indicates whether the clip is highlighted. This value is set when the user searches for a value that would highlight the clip.
Name	The internal PluralSight name of the clip.
IsBookmarked	Indicates whether the clip has been bookmarked by the user.
HasBeenViewedImageUrl	The image URL used to display an image when the clip has been viewed by the user already.
HasBeenViewedAltText	The text displayed in the alt tag when the clip has been viewed by the user already.

Clip Sample JSON

```json
{
    "transcripts":[

    ],
    "clipIndex":0,
    "title":"Module Introduction",
    "hasBeenViewed":true,
    "duration":"00:00:57",
    "playerParameters":"author=mark-heath&name=windows-forms-best-practices-m1&mode=live&clip=0&course=windows-forms-best-practice
    "userMayViewClip":false,
    "clickActionDescription":"View with player",
    "isHighlighted":false,
    "name":"windows-forms-best-practices-m1-01",
    "isBookmarked":false,
    "hasBeenViewedImageUrl":"cs/has-been-viewed-checkmark-15-v1.png",
```

```
        "hasBeenViewedAltText":"You have watched this Clip."
}
```

Course

A Course model will be created via deserialization. Only a single Course model should be contained in the JSON response.

Course Properties

Property	Description
Title	The title of the course.
Level	The Course Level for the Course.
Duration	The recorded length of the Course.
ReleaseDate	The date the Course was released.
Name	The internal PluralSight name of the course.
Authors	The Author(s) for the Course.
HasTranscript	Indicates whether the Course has transcripts.
CourseRating	The Course Rating for the Course.
IsRetired	Indicates whether the Course has been retired.
ShortDescription	The short description of the course.
Description	The description of the course.
IsBookmarked	Indicates whether the user has bookmarked the course.
UserMaySaveCourse	Indicates whether the user may save the course.
ReplacementCourseName	The internal PluralSight Course name for the replacement Course if the Course has been retired.
RetiredReason	The reason the Course has been retired.
ReplacementCourseTitle	The Course title for the replacement Course if the Course has been retired.
IsValid	Indicates whether the Course is valid.
IsUserAuthorizedForTranscript	Indicates whether the User is authorized for transcripts for the Course.

Course Sample JSON

```
{
    "title":"Windows Forms Best Practices",
    "level":"Intermediate",
    "duration":"04:35:57",
    "releaseDate":"2014-09-27T00:00:00Z",
    "name":"windows-forms-best-practices",
    "authors":[
    ],
    "hasTranscript":true,
    "courseRating":{

    },
    "isRetired":false,
    "shortDescription":"This course demonstrates several best practices for Windows Forms application development by gradually imp
```

```
    "description":"This course demonstrates several best practices for Windows Forms development by taking a demo application and
    "isBookmarked":false,
    "userMaySaveCourse":true,
    "replacementCourseName":"",
    "retiredReason":"",
    "replacementCourseTitle":"",
    "isValid":true,
    "isUserAuthorizedForTranscript":false
}
```

Course Level

The Course Level enumeration will typically be used during the deserialization of the Course JSON response. It has three possible values of Beginner, Intermediate, and Advanced.

Course Level Sample JSON

```
{
    "level":"Intermediate"
}
```

Course Rating

A Course Rating model will be created via deserialization of the Course JSON response. Only a single Course Rating should be contained in the Course JSON response.

Course Rating Properties

Property	Description
CurrentUsersRating	The current user's rating for the course.
AverageRating	The average rating for the course.
Rating	The rating for the course.
CanRateThisCourse	Indicates whether the user can rate the course.
CourseName	The course name this rating is associated with.
NumberOfRaters	The number of users that have rated the course.
HasUserRatedCourse	Indicates whether the user has rated the course.

Course Rating JSON Sample

```
{
    "currentUsersRating":0,
    "averageRating":4.6,
    "rating":4.6,
    "canRateThisCourse":false,
    "courseName":"windows-forms-best-practices",
    "numberOfRaters":290,
    "hasUserRatedCourse":false
}
```

Module

A Module model will be created via deserialization of the Modules JSON response. Multiple Module models can be included in the JSON response

but the properties for each Module will remain the same.

Module Properties

Property	Description
UserMayViewFirstClip	A boolean value indicated whether the user may view the first clip in the module.
ModuleRef	A module reference string used by PluralSight.
Title	The title of the module.
Description	The description of the module.
Duration	The duration of the module.
HasBeenViewed	A boolean value indicating whether the user has watched all clips in a module.
IsHighlighted	A boolean value indicating whether the module is highlighted. This value is set when the user searches for a value that would highlight the module.
FragementIdentifier	A string referencing the module used by PluralSight.
FirstClipLaunchClickHandler	Text value used by the PluralSight video player.
UserMayBookmark	A boolean value indicating whether the user may bookmark the module.
IsBookmarked	A boolean value indicating whether the user has bookmarked the module.
Clips	An array of clip information for the module.
HasBeenViewedImageUrl	The image URL used to display an image when the module has been viewed by the user already.
HasBeenViewedAltText	The text displayed in the alt tag when the module has been viewed by the user already.

Module JSON Sample

```
{
    "userMayViewFirstClip":false,
    "moduleRef":"mark-heath/windows-forms-best-practices-m1",
    "title":"Creating Excellent Windows Forms Applications",
    "description":"This module discusses why you might still be using Windows Forms, despite it\n  now being a fairly old technolo
    "duration":"00:27:00",
    "hasBeenViewed":true,
    "isHighlighted":false,
    "fragmentIdentifier":"windows-forms-best-practices-m1",
    "firstClipLaunchClickHandler":"author=mark-heath&name=windows-forms-best-practices-m1&mode=live&clip=0&course=windows-forms-be
    "userMayBookmark":true,
    "isBookmarked":false,
    "clips":[
    ],
    "hasBeenViewedImageUrl":"cs/has-been-viewed-checkmark-15-v1.png",
    "hasBeenViewedAltText":"You have watched this Module."
}
```

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