

Namespace Rudeus

Classes

[Constants](#)

定数を定義するクラス

[Utils](#)

ユーティリティクラス

Interfaces

[IUtils](#)

ユーティリティクラスのインターフェース

Class Constants

Namespace: [Rudeus](#)

Assembly: SharedLib.dll

定数を定義するクラス

```
public class Constants
```

Inheritance

[object](#) ← Constants

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#)

Fields

ApiCheckStatusPath

APIのパス

```
public static readonly string ApiCheckStatusPath
```

Field Value

[string](#)

ApiEndpointWithCert

クライアント証明書認証が必要なAPIエンドポイント 未使用

```
public static readonly string ApiEndpointWithCert
```

Field Value

[string](#)

ApiEndpointWithoutCert

クライアント証明書認証が不要なAPIエンドポイント

```
public static readonly string ApiEndpointWithoutCert
```

Field Value

[string](#)

ApiGetLabelIdPath

```
public static readonly string ApiGetLabelIdPath
```

Field Value

[string](#)

ApiLoginPath

```
public static readonly string ApiLoginPath
```

Field Value

[string](#)

ApiRegisterPath

```
public static readonly string ApiRegisterPath
```

Field Value

[string](#) ↗

ApiSendInstalledAppsPath

```
public static readonly string ApiSendInstalledAppsPath
```

Field Value

[string](#) ↗

ApiUpdateLabelIdPath

```
public static readonly string ApiUpdateLabelIdPath
```

Field Value

[string](#) ↗

ApiUpdateMacAddressPath

```
public static readonly string ApiUpdateMacAddressPath
```

Field Value

[string](#) ↗

ApiUpdateMetadataPath

```
public static readonly string ApiUpdateMetadataPath
```

Field Value

[string](#)

ApiUpdatePath

```
public static readonly string ApiUpdatePath
```

Field Value

[string](#)

AppCallbackUri

カスタムURIスキームで起動する場合の設定 未使用

```
public static string AppCallbackUri
```

Field Value

[string](#)

CallbackPort

SAMLログインのlocalhostコールバックポート 未使用

```
public static readonly string CallbackPort
```

Field Value

[string](#)

CommandDelayMinutes

起動時から実行するまでの遅延時間

```
public static int CommandDelayMinutes
```

Field Value

[int↗](#)

CommandIntervalMinutes

タスクスケジューラの定期実行の間隔

```
public static int CommandIntervalMinutes
```

Field Value

[int↗](#)

CommandRandomDelayRangeMinutes

起動時のランダムな遅延時間の設定範囲 0の場合は無効

```
public static int CommandRandomDelayRangeMinutes
```

Field Value

[int↗](#)

DefaultRegistryKey

アプリのデフォルトのレジストリキー

```
public static string DefaultRegistryKey
```

Field Value

[string](#) ↗

DummyUpdateUrl

```
public static string DummyUpdateUrl
```

Field Value

[string](#) ↗

DummyVersion

```
public static string DummyVersion
```

Field Value

[string](#) ↗

ForceUpdateExitCode

アップデートの強制実行時にLauncherに返すエラーコード

```
public static int ForceUpdateExitCode
```

Field Value

[int](#) ↗

HostUnreachableCode

ホスト接続が出来なかった場合のエラーコード このコードだった場合[unreachable](#)にマークしない

```
public static int HostUnreachableCode
```

Field Value

[int](#)

IInnoSetupUserDataKey

Inno Setupで設定されたユーザ名とHIU-PXXのデータのキー

```
public static string IInnoSetupUserDataKey
```

Field Value

[string](#)

KyoumuUrl

教務Webシステムのタスクトレイリンク

```
public static readonly string KyoumuUrl
```

Field Value

[string](#)

LaunchTwiceExitCode

未使用エラーコード

```
public static int LaunchTwiceExitCode
```

Field Value

[int](#)

Polite3Url

Polite3のタスクトレーリング

```
public static readonly string Polite3Url
```

Field Value

[string](#)

RegistryDir

アプリのルートレジストリパス

```
public static string RegistryDir
```

Field Value

[string](#)

RestartRequiredCode

再起動を要求するエラーコード 未使用

```
public static int RestartRequiredCode
```

Field Value

[int](#)

RudeusBgDir

```
public static readonly string RudeusBgDir
```

Field Value

[string](#) ↗

RudeusBgExeName

```
public static readonly string RudeusBgExeName
```

Field Value

[string](#) ↗

RudeusBgFormDir

```
public static readonly string RudeusBgFormDir
```

Field Value

[string](#) ↗

RudeusBgFormExeName

```
public static readonly string RudeusBgFormExeName
```

Field Value

[string](#) ↗

RudeusBgFormLastName

```
public static readonly string RudeusBgFormLastName
```

Field Value

[string](#) ↗

RudeusBgFormLatestName

```
public static readonly string RudeusBgFormLatestName
```

Field Value

[string](#) ↗

RudeusBgFormLauncherExePath

```
public static readonly string RudeusBgFormLauncherExePath
```

Field Value

[string](#) ↗

RudeusBgFormRegKey

RudeusBgFormが使用するレジストリのキー

```
public static readonly string RudeusBgFormRegKey
```

Field Value

[string](#) ↗

RudeusBgLastName

```
public static readonly string RudeusBgLastName
```

Field Value

[string](#) ↗

RudeusBgLatestName

```
public static readonly string RudeusBgLatestName
```

Field Value

[string](#)

RudeusBgLauncherExePath

```
public static readonly string RudeusBgLauncherExePath
```

Field Value

[string](#)

RudeusBgRegKey

RudeusBgが使用するレジストリのキー

```
public static readonly string RudeusBgRegKey
```

Field Value

[string](#)

SamlLoginUrl

SAMLログインのエントリーページ 未使用

```
public static readonly string SamlLoginUrl
```

Field Value

[string](#)

SpamModeExitCode

スパムモード解除を要求するエラーコード

```
public static int SpamModeExitCode
```

Field Value

[int](#)

WebPortalUrl

Webポータルのタスクトレイリンク

```
public static readonly string WebPortalUrl
```

Field Value

[string](#)

disableClientCertAuth

クライアント認証を強制しない場合はtrue 未使用

```
public static readonly bool disableClientCertAuth
```

Field Value

[bool](#)

Interface IUtils

Namespace: [Rudeus](#)

Assembly: SharedLib.dll

ユーティリティクラスのインターフェース

```
public interface IUtils
```

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#).

Methods

CompareVersionString(string, string, int)

ドット区切り数字列を比較する

```
public static abstract int CompareVersionString(string a, string b, int depth)
```

Parameters

a [string](#)

対象文字列A

b [string](#)

対象文字列B

depth [int](#)

比較する列数 (0なら全て)

Returns

[int](#)

ConcatStudentNumberFromMail(string)

メールアドレスから学籍番号を抽出する

```
public static abstract string ConcatStudentNumberFromMail(string mailAddress)
```

Parameters

mailAddress [string](#)

sXXXXXXX@s.do-johodai.ac.jpのメールアドレス

Returns

[string](#)

XXXXXXXの数字部分

CopyDirectory(string, string, bool)

ディレクトリを再帰的にコピーする

```
public static abstract void CopyDirectory(string sourceDir, string destDir, bool recursive)
```

Parameters

sourceDir [string](#)

destDir [string](#)

recursive [bool](#)

IsArgsAllNullOrAllObject(List<object>)

DI用の引数が中途半端に指定されているかどうかを判定する

```
public static abstract bool IsArgsAllNullOrAllObject(List<object> args)
```

Parameters

args [List](#)<[object](#)>

Returns

[bool](#)

IsStudentMailAddress(string)

メールアドレスが学生用のものかどうかを判定する

```
public static abstract bool IsStudentMailAddress(string mailAddress)
```

Parameters

mailAddress [string](#)

メールアドレス

Returns

[bool](#)

ParseArgs(string[])

key=value形式の引数をパースする

```
public static abstract Dictionary<string, string> ParseArgs(string[] args)
```

Parameters

args [string](#)[]

Returns

[Dictionary](#) <[string](#), [string](#)>

RegisterDeviceAndSetData()

廃止予定 デバイスを登録し、データを設定する

```
public static abstract void RegisterDeviceAndSetData()
```

Class Utils

Namespace: [Rudeus](#)

Assembly: SharedLib.dll

ユーティリティクラス

```
public class Utils : IUtils
```

Inheritance

[object](#) ← Utils

Implements

[IUtils](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Fields

KyoumuUrl

```
public static readonly string KyoumuUrl
```

Field Value

[string](#)

Polite3Url

```
public static readonly string Polite3Url
```

Field Value

[string](#)

WebPortalUrl

```
public static readonly string WebPortalUrl
```

Field Value

[string](#)

Properties

LM

```
public static ILocalMachine LM { get; set; }
```

Property Value

[ILocalMachine](#)

RootSettings

```
public static IRootSettings RootSettings { get; set; }
```

Property Value

[IRootSettings](#)

Methods

CompareVersionString(string, string, int)

ドット区切り数字列を比較する

```
public static int CompareVersionString(string a, string b, int depth = 0)
```

Parameters

a [string](#)

対象文字列A

b [string](#)

対象文字列B

depth [int](#)

比較する列数 (0なら全て)

Returns

[int](#)

A-Bの符号 (1, 0, -1)

ConcatStudentNumberFromMail(string)

s9999999@s.do-johodai.ac.jp -> 9999999

```
public static string ConcatStudentNumberFromMail(string mailAddress)
```

Parameters

mailAddress [string](#)

Returns

[string](#)

Exceptions

[Exception ↗](#)

CopyDirectory(string, string, bool)

ディレクトリを再帰的にコピーする

```
public static void CopyDirectory(string sourceDir, string destinationDir, bool recursive)
```

Parameters

sourceDir [string ↗](#)

destinationDir [string ↗](#)

recursive [bool ↗](#)

GetInstalledAppsHash(List<ApplicationData>)

```
public static string GetInstalledAppsHash(List<ApplicationData> list)
```

Parameters

list [List ↗<ApplicationData>](#)

Returns

[string ↗](#)

GetNetworkInterfaceHash(List<Dictionary<string, string>>)

```
public static string GetNetworkInterfaceHash(List<Dictionary<string, string>> list)
```

Parameters

list [List](#)<[Dictionary](#)<[string](#), [string](#)>>

Returns

[string](#)

IsArgsAllNullOrAllObject(List<object>)

DI用の引数が中途半端に指定されているかどうかを判定する

```
public static bool IsArgsAllNullOrAllObject(List<object> args)
```

Parameters

args [List](#)<[object](#)>

Returns

[bool](#)

IsStudentMailAddress(string)

s9999999@s.do-johodai.ac.jp -> true

```
public static bool IsStudentMailAddress(string mailAddress)
```

Parameters

mailAddress [string](#)

Returns

[bool](#)

ParseArgs(string[])

key=value形式の引数をパースする

```
public static Dictionary<string, string> ParseArgs(string[] args)
```

Parameters

args [string](#)[]

Returns

[Dictionary](#)<[string](#), [string](#)>

RegisterDeviceAndSetData()

廃止予定 デバイスを登録し、データを設定する

```
public static void RegisterDeviceAndSetData()
```

buildLabelIdUpdateUrl(string)

```
public static string buildLabelIdUpdateUrl(string deviceId)
```

Parameters

deviceId [string](#)

Returns

[string](#)

formatMacAddress(string)

```
public static string formatMacAddress(string macAddress)
```

Parameters

macAddress [string](#)

Returns

[string](#)

Namespace Rudeus.API

Classes

[RemoteAPI](#)

管理サーバとREST APIで通信する、モデルのプロパティを読み取るが書き込みはしない。TODO: インスタンス化してスタブ利用可にする

[RequestClient](#)

Interfaces

[IRequestClient](#)

Interface IRequestClient

Namespace: [Rudeus.API](#)

Assembly: SharedLib.dll

```
public interface IRequestClient
```

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.IsNotNull<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsNotNullInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotNullInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#).

Methods

Request(HttpRequestMessage)

HttpResponseMessage **Request**(HttpRequestMessage message)

Parameters

message [HttpRequestMessage](#)

Returns

[HttpResponseMessage](#)

RequestString(HttpRequestMessage)

string **RequestString**(HttpRequestMessage message)

Parameters

message [HttpRequestMessage](#)

Returns

[string](#)

Class RemoteAPI

Namespace: [Rudeus.API](#)

Assembly: SharedLib.dll

管理サーバとREST APIで通信する、モデルのプロパティを読み取るが書き込みはしない。TODO: インスタンス化してスタブ利用可にする

```
public class RemoteAPI
```

Inheritance

[object](#) ← RemoteAPI

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.Is<T>\(T, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object, string\)](#)

Fields

AppCallbackUri

```
public static string AppCallbackUri
```

Field Value

[string](#)

SamILoginUrl

```
public static readonly string SamlLoginUrl
```

Field Value

[string](#) ↗

Properties

ApiCheckStatusPath

```
public static string ApiCheckStatusPath { get; }
```

Property Value

[string](#) ↗

ApiGetLabelIdPath

```
public static string ApiGetLabelIdPath { get; }
```

Property Value

[string](#) ↗

ApiLoginPath

```
public static string ApiLoginPath { get; }
```

Property Value

[string](#) ↗

ApiRegisterPath

```
public static string ApiRegisterPath { get; }
```

Property Value

[string](#)

ApiSendInstalledAppsPath

```
public static string ApiSendInstalledAppsPath { get; }
```

Property Value

[string](#)

ApiUpdateLabelIdPath

```
public static string ApiUpdateLabelIdPath { get; }
```

Property Value

[string](#)

ApiUpdateMacAddressPath

```
public static string ApiUpdateMacAddressPath { get; }
```

Property Value

[string](#)

ApiUpdateMetadataPath

```
public static string ApiUpdateMetadataPath { get; }
```

Property Value

[string](#)

ApiUpdatePath

```
public static string ApiUpdatePath { get; }
```

Property Value

[string](#)

RequestClient

```
public static IRequestClient RequestClient { get; set; }
```

Property Value

[IRequestClient](#)

Methods

BuildHttpRequestMessage(string?, string, string, HttpMethod)

```
public static HttpRequestMessage BuildHttpRequestMessage(string? accessToken, string requestPath, string payload, HttpMethod method)
```

Parameters

accessToken [string](#)

requestPath [string](#)

payload [string](#)

method [HttpMethod](#)

Returns

[HttpRequestMessage](#)

ExecutedPushDataUpdateResponse(string, int)

プッシュデータ実行を通知

```
public static BaseResponse ExecutedPushDataUpdateResponse(string accessToken, int id)
```

Parameters

accessToken [string](#)

id [int](#)

Returns

[BaseResponse](#)

GetLabelId(string)

ラベルIDを取得する

```
public static LabelIdResponse GetLabelId(string accessToken)
```

Parameters

accessToken [string](#)

Returns

[LabelIdResponse](#)

GetPushDataResponse(string)

プッシュデータ取得

```
public static PushDataResponse GetPushDataResponse(string accessToken)
```

Parameters

accessToken [string](#)

Returns

[PushDataResponse](#)

GetUpdateMetadata(string)

```
public static UpdateMetadataResponse GetUpdateMetadata(string accessToken)
```

Parameters

accessToken [string](#)

Returns

[UpdateMetadataResponse](#)

IsAccessTokenAvailable(string)

アクセストークンが有効かどうかを確認する

```
public static bool IsAccessTokenAvailable(string accessToken)
```

Parameters

accessToken [string](#)

Returns

[bool](#)

IsRemoteReachable()

管理サーバにアクセスできるかどうかを確認する

```
public static bool IsRemoteReachable()
```

Returns

[bool](#)

LoginDevice(string, string)

```
public static LoginResponse LoginDevice(string accessToken, string userId)
```

Parameters

accessToken [string](#)

userId [string](#)

Returns

[LoginResponse](#)

ReceiveStudentIdAsync()

ログインして紐づけを行ったUserIdを取得 localhostを使うのでWindowsのみ対応している

```
public static Task<string> ReceiveStudentIdAsync()
```

Returns

[Task](#) <[string](#)>

RegisterDevice(RegisterRequest)

```
public static RegisterResponse RegisterDevice(RegisterRequest req)
```

Parameters

req [RegisterRequest](#)

Returns

[RegisterResponse](#)

RegisterDevice(string, string)

デバイスを登録する accesstokenを取得する

```
public static RegisterResponse RegisterDevice(string deviceId, string hostname)
```

Parameters

deviceId [string](#)

hostname [string](#)

Returns

[RegisterResponse](#)

RegisterResponse

SendInstalledApps(string, SendInstalledAppsRequest)

```
public static BaseResponse SendInstalledApps(string accessToken,  
SendInstalledAppsRequest req)
```

Parameters

accessToken [string](#)

req [SendInstalledAppsRequest](#)

Returns

[BaseResponse](#)

SendInstalledApps(string, List<ApplicationData>)

```
public static BaseResponse SendInstalledApps(string accessToken, List<ApplicationData> apps)
```

Parameters

accessToken [string](#)

apps [List](#)<ApplicationData>

Returns

[BaseResponse](#)

UpdateDevice(string, UpdateRequest)

```
public static UpdateResponse UpdateDevice(string accessToken, UpdateRequest req)
```

Parameters

accessToken [string](#)

req [UpdateRequest](#)

Returns

[UpdateResponse](#)

UpdateDevice(string, string?, string?, string?, int?, int?, string?, string?, bool?, string?)

デバイスIDとアクセストークンを利用してデバイス情報を更新する

```
public static UpdateResponse UpdateDevice(string accessToken, string? hostname = null, string? spec = null, string? cpu_name = null, int? memory = null, int? c_drive = null, string? os = null, string? os_version = null, bool? withsecure = null, string? label_id = null)
```

Parameters

accessToken [string](#)

hostname [string](#)

spec [string](#)

cpu_name [string](#)

memory [int](#)?

c_drive [int](#)?

os [string](#)

os_version [string](#)

withsecure [bool](#)?

label_id [string](#)

Returns

[UpdateResponse](#)

UpdateLabelId(string, string)

ラベルIDを登録する

```
public static BaseResponse UpdateLabelId(string accessToken, string labelId)
```

Parameters

`accessToken` [string](#)

`labelId` [string](#)

Returns

[BaseResponse](#)

UpdateMacAddress(string, UpdateMacRequest)

Macアドレスの追加送信

```
public static BaseResponse UpdateMacAddress(string accessToken, UpdateMacRequest req)
```

Parameters

`accessToken` [string](#)

`req` [UpdateMacRequest](#)

Returns

[BaseResponse](#)

Class RequestClient

Namespace: [Rudeus.API](#)

Assembly: SharedLib.dll

```
public class RequestClient : IRequestClient
```

Inheritance

[object](#) ← RequestClient

Implements

[IRequestClient](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#) .

Constructors

RequestClient(string)

```
public RequestClient(string endpoint)
```

Parameters

endpoint [string](#)

Methods

Request([HttpRequestMessage](#))

```
public HttpResponseMessage Request(HttpRequestMessage message)
```

Parameters

message [HttpRequestMessage](#)

Returns

[HttpResponseMessage](#)

RequestString([HttpRequestMessage](#))

```
public string RequestString(HttpRequestMessage message)
```

Parameters

message [HttpRequestMessage](#)

Returns

[string](#)

Namespace Rudeus.API.Request

Classes

[BaseRequest](#)

[BaseRequestData](#)

[EmptyRequest](#)

[EmptyRequestData](#)

[LoginRequest](#)

[LoginRequestData](#)

[RegisterRequest](#)

[RegisterRequestData](#)

[SendInstalledAppsAppData](#)

[SendInstalledAppsRequest](#)

[SendInstalledAppsrequestData](#)

[UpdateExecutedPushDataRequest](#)

[UpdateExecutedPushDatarequestData](#)

[UpdateLabelIdRequest](#)

[UpdateLabelIdrequestData](#)

[UpdateMacInterface](#)

[UpdateMacRequest](#)

[UpdateMacrequestData](#)

[UpdateRequest](#)

[UpdaterequestData](#)

Interfaces

[IRequest](#)

Class BaseRequest

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class BaseRequest : IRequest
```

Inheritance

[object](#) ← BaseRequest

Implements

[IRequest](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#)

Properties

request_data

```
[JsonPropertyName("request_data")]
public BaseRequestData? request_data { get; set; }
```

Property Value

[BaseRequestData](#)

type

```
[JsonPropertyName("type")]
public string? type { get; set; }
```

Property Value

[string](#) ↗

Class BaserequestData

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class BaserequestData
```

Inheritance

[object](#) ← BaserequestData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Class EmptyRequest

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class EmptyRequest : IRequest
```

Inheritance

[object](#) ← EmptyRequest

Implements

[IRequest](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

EmptyRequest()

```
public EmptyRequest()
```

Properties

request_data

```
[JsonPropertyName("request_data")]
public EmptyrequestData request_data { get; set; }
```

Property Value

[EmptyrequestData](#)

type

```
[JsonPropertyName("type")]
public string type { get; }
```

Property Value

[string](#) ↗

Class EmptyrequestData

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class EmptyrequestData
```

Inheritance

[object](#) ← EmptyrequestData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

EmptyrequestData()

```
public EmptyrequestData()
```

Interface IRequest

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public interface IRequest
```

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Properties

type

```
string? type { get; }
```

Property Value

[string](#)

Class LoginRequest

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class LoginRequest : IRequest
```

Inheritance

[object](#) ← LoginRequest

Implements

[IRequest](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

LoginRequest(string)

```
public LoginRequest(string username)
```

Parameters

username [string](#)

Properties

request_data

```
[JsonPropertyName("request_data")]
public LoginRequestData request_data { get; set; }
```

Property Value

[LoginRequestData](#)

type

```
[JsonPropertyName("type")]
public string type { get; set; }
```

Property Value

[string](#) ↗

Class LoginRequestData

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class LoginRequestData
```

Inheritance

[object](#) ← LoginRequestData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

LoginRequestData(string)

```
public LoginRequestData(string userId)
```

Parameters

userId [string](#)

Properties

user_id

```
[JsonPropertyName("user_id")]
public string user_id { get; set; }
```

Property Value

[string](#) ↗

Class RegisterRequest

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class RegisterRequest : IRequest
```

Inheritance

[object](#) ← RegisterRequest

Implements

[IRequest](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#)

Constructors

RegisterRequest()

```
public RegisterRequest()
```

RegisterRequest(string, string, string)

```
public RegisterRequest(string deviceId, string hostname, string manageId)
```

Parameters

deviceId [string](#)

hostname [string](#)

manageId [string](#)

Properties

request_data

```
[JsonPropertyName("request_data")]
public RegisterrequestData request_data { get; set; }
```

Property Value

[RegisterrequestData](#)

type

```
[JsonPropertyName("type")]
public string type { get; set; }
```

Property Value

[string](#)

Class RegisterrequestData

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class RegisterrequestData
```

Inheritance

[object](#) ← RegisterrequestData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

RegisterrequestData()

```
public RegisterrequestData()
```

RegisterrequestData(string, string, string)

```
public RegisterrequestData(string deviceId, string hostname, string manageId)
```

Parameters

deviceId [string](#)

hostname [string](#)

manageId [string](#)

Properties

product_id

```
[JsonPropertyName("product_id")]
public string? product_id { get; set; }
```

Property Value

[string](#)

product_name

```
[JsonPropertyName("product_name")]
public string? product_name { get; set; }
```

Property Value

[string](#)

Class SendInstalledAppsAppData

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class SendInstalledAppsAppData
```

Inheritance

[object](#) ← SendInstalledAppsAppData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

SendInstalledAppsAppData(string, string)

```
public SendInstalledAppsAppData(string name, string version)
```

Parameters

name [string](#)

version [string](#)

Properties

name

```
[JsonPropertyName("name")]
public string name { get; set; }
```

Property Value

[string](#) ↗

version

```
[JsonPropertyName("version")]
public string version { get; set; }
```

Property Value

[string](#) ↗

Class SendInstalledAppsRequest

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class SendInstalledAppsRequest : IRequest
```

Inheritance

[object](#) ← SendInstalledAppsRequest

Implements

[IRequest](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#)

Constructors

SendInstalledAppsRequest(List<ApplicationData>)

```
public SendInstalledAppsRequest(List<ApplicationData> apps)
```

Parameters

apps [List](#)<ApplicationData>

Properties

request_data

```
[JsonPropertyName("request_data")]
public SendInstalledAppsrequestData request_data { get; set; }
```

Property Value

[SendInstalledAppsrequestData](#)

type

```
[JsonPropertyName("type")]
public string type { get; set; }
```

Property Value

[string](#) ↗

Class SendInstalledAppsrequestData

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class SendInstalledAppsrequestData
```

Inheritance

[object](#) ← SendInstalledAppsrequestData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

SendInstalledAppsrequestData(List<ApplicationData>)

```
public SendInstalledAppsrequestData(List<ApplicationData> apps)
```

Parameters

apps [List](#) <ApplicationData>

Properties

apps

```
[JsonPropertyName("apps")]
public List<SendInstalledAppsAppData> apps { get; set; }
```

Property Value

[List](#) <[SendInstalledAppsAppData](#)>

Class UpdateExecutedPushDataRequest

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class UpdateExecutedPushDataRequest : IRequest
```

Inheritance

[object](#) ← UpdateExecutedPushDataRequest

Implements

[IRequest](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#) .

Constructors

UpdateExecutedPushDataRequest()

```
public UpdateExecutedPushDataRequest()
```

Properties

request_data

```
[JsonPropertyName("request_data")]
public UpdateExecutedPushDatarequestData request_data { get; set; }
```

Property Value

[UpdateExecutedPushDatarequestData](#)

type

```
[JsonPropertyName("type")]
public string type { get; set; }
```

Property Value

[string](#) ↗

Class UpdateExecutedPushDataRequestData

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class UpdateExecutedPushDataRequestData
```

Inheritance

[object](#) ← UpdateExecutedPushDataRequestData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

UpdateExecutedPushDataRequestData()

```
public UpdateExecutedPushDataRequestData()
```

Properties

queue_id

```
[JsonPropertyName("queue_id")]
public List<int> queue_id { get; set; }
```

Property Value

[List ↗](#) < [int ↗](#) >

Class UpdateLabelIdRequest

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class UpdateLabelIdRequest : IRequest
```

Inheritance

[object](#) ← UpdateLabelIdRequest

Implements

[IRequest](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

UpdateLabelIdRequest(string)

```
public UpdateLabelIdRequest(string labelId)
```

Parameters

labelId [string](#)

Properties

request_data

```
[JsonPropertyName("request_data")]
public UpdateLabelIdrequestData request_data { get; set; }
```

Property Value

[UpdateLabelIdrequestData](#)

type

```
[JsonPropertyName("type")]
public string type { get; set; }
```

Property Value

[string](#) ↗

Class UpdateLabelIdrequestData

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class UpdateLabelIdrequestData
```

Inheritance

[object](#) ← UpdateLabelIdrequestData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

UpdateLabelIdrequestData()

```
public UpdateLabelIdrequestData()
```

UpdateLabelIdrequestData(string?)

```
public UpdateLabelIdrequestData(string? labelId)
```

Parameters

labelId [string](#)

Properties

label_id

```
[JsonPropertyName("label_id")]
[JsonIgnore(Condition = JsonIgnoreCondition.WhenWritingNull)]
public string? label_id { get; set; }
```

Property Value

[string](#) ↗

Class UpdateMacInterface

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class UpdateMacInterface
```

Inheritance

[object](#) ← UpdateMacInterface

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

mac_address

```
[JsonPropertyName("mac_address")]
public string mac_address { get; set; }
```

Property Value

[string](#)

name

```
[JsonPropertyName("name")]
public string name { get; set; }
```

Property Value

[string](#) ↗

Class UpdateMacRequest

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class UpdateMacRequest : IRequest
```

Inheritance

[object](#) ← UpdateMacRequest

Implements

[IRequest](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.Is<T>\(T, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

UpdateMacRequest()

```
public UpdateMacRequest()
```

Properties

request_data

```
[JsonPropertyName("request_data")]
public UpdateMacrequestData request_data { get; set; }
```

Property Value

[UpdateMacrequestData](#)

type

```
[JsonPropertyName("type")]
public string type { get; set; }
```

Property Value

[string](#) ↗

Class UpdateMacrequestData

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class UpdateMacrequestData
```

Inheritance

[object](#) ← UpdateMacrequestData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

UpdateMacrequestData()

```
public UpdateMacrequestData()
```

Properties

interfaces

```
[JsonPropertyName("interfaces")]
public List<UpdateMacInterface> interfaces { get; set; }
```

Property Value

[List ↗](#) <[UpdateMacInterface](#)>

Class UpdateRequest

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class UpdateRequest : IRequest
```

Inheritance

[object](#) ← UpdateRequest

Implements

[IRequest](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#)

Constructors

UpdateRequest()

```
public UpdateRequest()
```

UpdateRequest(UpdateRequestData)

```
public UpdateRequest(UpdateRequestData data)
```

Parameters

data [UpdateRequestData](#)

UpdateRequest(string?)

```
public UpdateRequest(string? hostname = null)
```

Parameters

hostname [string](#) ↗

Properties

request_data

```
[JsonPropertyName("request_data")]
public UpdateRequestData request_data { get; set; }
```

Property Value

[UpdateRequestData](#)

type

```
[JsonPropertyName("type")]
public string type { get; set; }
```

Property Value

[string](#) ↗

Class UpdaterequestData

Namespace: [Rudeus.API.Request](#)

Assembly: SharedLib.dll

```
public class UpdaterequestData
```

Inheritance

[object](#) ← UpdaterequestData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

UpdaterequestData()

```
public UpdaterequestData()
```

UpdaterequestData(string?)

```
public UpdaterequestData(string? hostname)
```

Parameters

hostname [string](#)

Properties

c_drive

```
[JsonPropertyName("c_drive")]
[JsonIgnore(Condition = JsonIgnoreCondition.WhenWritingNull)]
public int? c_drive { get; set; }
```

Property Value

[int](#)?

cpu_name

```
[JsonPropertyName("cpu_name")]
[JsonIgnore(Condition = JsonIgnoreCondition.WhenWritingNull)]
public string? cpu_name { get; set; }
```

Property Value

[string](#)?

hostname

```
[JsonPropertyName("hostname")]
[JsonIgnore(Condition = JsonIgnoreCondition.WhenWritingNull)]
public string? hostname { get; set; }
```

Property Value

[string](#)?

memory

```
[JsonPropertyName("memory")]
[JsonIgnore(Condition = JsonIgnoreCondition.WhenWritingNull)]
```

```
public int? memory { get; set; }
```

Property Value

[int](#)?

OS

```
[JsonPropertyName("os")]
[JsonIgnore(Condition = JsonIgnoreCondition.WhenWritingNull)]
public string? os { get; set; }
```

Property Value

[string](#)

OS_version

```
[JsonPropertyName("os_version")]
[JsonIgnore(Condition = JsonIgnoreCondition.WhenWritingNull)]
public string? os_version { get; set; }
```

Property Value

[string](#)

spec

```
[JsonPropertyName("spec")]
[JsonIgnore(Condition = JsonIgnoreCondition.WhenWritingNull)]
public string? spec { get; set; }
```

Property Value

[string](#)

withsecure

```
[JsonPropertyName("withsecure")]
[JsonIgnore(Condition = JsonIgnoreCondition.WhenWritingNull)]
public bool? withsecure { get; set; }
```

Property Value

[bool](#)?

Namespace Rudeus.API.Response

Classes

[BaseResponse](#)

[GetPushDataResponseData](#)

[LabelIdResponse](#)

[LabelIdResponseData](#)

[LoginResponse](#)

[LoginResponseData](#)

[PushDataResponse](#)

[PushResponseData](#)

[PushResponseData2](#)

[RegisterResponse](#)

[RegisterResponseData](#)

[UpdateMetadataChannels](#)

[UpdateMetadataDetail](#)

[UpdateMetadataResponse](#)

[UpdateMetadataResponseData](#)

[UpdateResponse](#)

[UpdateResponseData](#)

Class BaseResponse

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class BaseResponse
```

Inheritance

[object](#) ← BaseResponse

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

BaseResponse()

```
public BaseResponse()
```

Properties

response_data

```
[JsonPropertyName("response_data")]
public BaseResponse? response_data { get; set; }
```

Property Value

[BaseResponse](#)

status

```
[JsonPropertyName("status")]
public string status { get; set; }
```

Property Value

[string](#) ↗

Class GetPushDataResponseData

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class GetPushDataResponseData
```

Inheritance

[object](#) ← GetPushDataResponseData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

push_data

```
[JsonPropertyName("push_data")]
public List<PushResponseData2> push_data { get; set; }
```

Property Value

[List](#)<[PushResponseData2](#)>

Class LabelIdResponse

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class LabelIdResponse
```

Inheritance

[object](#) ← LabelIdResponse

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

response_data

```
[JsonPropertyName("response_data")]
public LabelIdResponseData response_data { get; set; }
```

Property Value

[LabelIdResponseData](#)

status

```
[JsonPropertyName("status")]
public string status { get; set; }
```

Property Value

[string](#) ↗

Class LabelIdResponseData

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class LabelIdResponseData
```

Inheritance

[object](#) ← LabelIdResponseData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

label_id

```
[JsonPropertyName("label_id")]
public string label_id { get; set; }
```

Property Value

[string](#)

Class LoginResponse

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class LoginResponse
```

Inheritance

[object](#) ← LoginResponse

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

response_data

```
[JsonPropertyName("response_data")]
public LoginResponseData response_data { get; set; }
```

Property Value

[LoginResponseData](#)

status

```
[JsonPropertyName("status")]
public string status { get; set; }
```

Property Value

string ↗

Class LoginResponseData

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class LoginResponseData
```

Inheritance

[object](#) ← LoginResponseData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

username

```
[JsonPropertyName("username")]
public string? username { get; set; }
```

Property Value

[string](#)

Class PushDataResponse

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class PushDataResponse
```

Inheritance

[object](#) ← PushDataResponse

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

response_data

```
[JsonPropertyName("response_data")]
public GetPushDataResponseData response_data { get; set; }
```

Property Value

[GetPushDataResponseData](#)

status

```
[JsonPropertyName("status")]
public string status { get; set; }
```

Property Value

string ↗

Class PushResponseData

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class PushResponseData
```

Inheritance

[object](#) ← PushResponseData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

created_at

```
[JsonPropertyName("created_at")]
public string? created_at { get; set; }
```

Property Value

[string](#)

id

```
[JsonPropertyName("id")]
public int? id { get; set; }
```

Property Value

[int](#)?

payload

```
[JsonPropertyName("payload")]
public string? payload { get; set; }
```

Property Value

[string](#)?

type

```
[JsonPropertyName("type")]
public string? type { get; set; }
```

Property Value

[string](#)?

Class PushResponseData2

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class PushResponseData2
```

Inheritance

[object](#) ← PushResponseData2

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

expected_send_at

```
[JsonPropertyName("expected_send_at")]
public string expected_send_at { get; set; }
```

Property Value

[string](#)

id

```
[JsonPropertyName("id")]
public int id { get; set; }
```

Property Value

[int](#)

payload

```
[JsonPropertyName("payload")]
public string payload { get; set; }
```

Property Value

[string](#)

type

```
[JsonPropertyName("type")]
public string type { get; set; }
```

Property Value

[string](#)

Class RegisterResponse

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class RegisterResponse
```

Inheritance

[object](#) ← RegisterResponse

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

response_data

```
[JsonPropertyName("response_data")]
public RegisterResponseData response_data { get; set; }
```

Property Value

[RegisterResponseData](#)

status

```
[JsonPropertyName("status")]
public string status { get; set; }
```

Property Value

string ↗

Class RegisterResponseData

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class RegisterResponseData
```

Inheritance

[object](#) ← RegisterResponseData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

access_token

```
[JsonPropertyName("access_token")]
public string? access_token { get; set; }
```

Property Value

[string](#)

device_id

```
[JsonPropertyName("device_id")]
public string device_id { get; set; }
```

Property Value

[string](#) ↗

Class UpdateMetadataChannels

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class UpdateMetadataChannels
```

Inheritance

[object](#) ← UpdateMetadataChannels

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

stable

```
[JsonPropertyName("stable")]
public UpdateMetadataDetail? stable { get; set; }
```

Property Value

[UpdateMetadataDetail](#)

Class UpdateMetadataDetail

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class UpdateMetadataDetail
```

Inheritance

[object](#) ← UpdateMetadataDetail

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

download_url

```
[JsonPropertyName("download_url")]
public string download_url { get; set; }
```

Property Value

[string](#)

version

```
[JsonPropertyName("version")]
public string version { get; set; }
```

Property Value

[string](#) ↗

Class UpdateMetadataResponse

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class UpdateMetadataResponse
```

Inheritance

[object](#) ← UpdateMetadataResponse

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

UpdateMetadataResponse()

```
public UpdateMetadataResponse()
```

Properties

response_data

```
[JsonPropertyName("response_data")]
public UpdateMetadataResponseData response_data { get; set; }
```

Property Value

[UpdateMetadataResponseData](#)

status

```
[JsonPropertyName("status")]
public string status { get; set; }
```

Property Value

[string](#) ↗

Class UpdateMetadataresponseData

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class UpdateMetadataresponseData
```

Inheritance

[object](#) ← UpdateMetadataresponseData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

UpdateMetadataresponseData()

```
public UpdateMetadataresponseData()
```

Properties

Application

```
[JsonPropertyName("Application")]
public UpdateMetadataChannels? Application { get; set; }
```

Property Value

[UpdateMetadataChannels](#)

Command

```
[JsonPropertyName("Command")]
public UpdateMetadataChannels? Command { get; set; }
```

Property Value

[UpdateMetadataChannels](#)

Class UpdateResponse

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class UpdateResponse
```

Inheritance

[object](#) ← UpdateResponse

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

push_data

```
[JsonPropertyName("push_data")]
public PushResponseData[] push_data { get; set; }
```

Property Value

[PushResponseData\[\]](#)

response_data

```
[JsonPropertyName("response_data")]
public UpdateResponseData response_data { get; set; }
```

Property Value

[UpdateResponseData](#)

status

```
[JsonPropertyName("status")]
public string status { get; set; }
```

Property Value

[string](#) ↗

Class UpdateResponseData

Namespace: [Rudeus.API.Response](#)

Assembly: SharedLib.dll

```
public class UpdateresponseData
```

Inheritance

[object](#) ← UpdateresponseData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

username

```
[JsonPropertyName("username")]
public string? username { get; set; }
```

Property Value

[string](#)

Namespace Rudeus.Application

Classes

[TaskTrayForm](#)

[Version](#)

Class TaskTrayForm

Namespace: [Rudeus.Application](#)

Assembly: Application.dll

```
public class TaskTrayForm : Form, IDropTarget, ISynchronizeInvoke, IWin32Window,  
IBindableComponent, IComponent, IDisposable, IContainerControl
```

Inheritance

```
object ↳ ← MarshalByRefObject ↳ ← Component ↳ ← Control ↳ ← ScrollableControl ↳ ←  
ContainerControl ↳ ← Form ↳ ← TaskTrayForm
```

Implements

```
IDropTarget, ISynchronizeInvoke, IWin32Window, IBindableComponent, IComponent,  
IDisposable, IContainerControl
```

Inherited Members

```
Form.SetVisibleCore(bool), Form.Activate(), Form.ActivateMdiChild(Form),  
Form.AddOwnedForm(Form), Form.AdjustFormScrollbars(bool), Form.Close(),  
Form.CreateAccessibilityInstance(), Form.CreateControlsInstance(), Form.CreateHandle(),  
Form.DefWndProc(ref Message), Form.ProcessMnemonic(char), Form.CenterToParent(),  
Form.CenterToScreen(), Form.LayoutMdi(MdiLayout), Form.OnActivated(EventArgs),  
Form.OnBackgroundImageChanged(EventArgs),  
Form.OnBackgroundImageLayoutChanged(EventArgs), Form.OnClosing(CancelEventArgs),  
Form.OnClosed(EventArgs), Form.OnFormClosing(FormClosingEventArgs),  
Form.OnFormClosed(FormClosedEventArgs), Form.OnCreateControl(),  
Form.OnDeactivate(EventArgs), Form.OnEnabledChanged(EventArgs), Form.OnEnter(EventArgs),  
Form.OnFontChanged(EventArgs), Form.OnGotFocus(EventArgs),  
Form.OnHandleCreated(EventArgs), Form.OnHandleDestroyed(EventArgs),  
Form.OnHelpButtonClicked(CancelEventArgs), Form.OnLayout(LayoutEventArgs),  
Form.OnLoad(EventArgs), Form.OnMaximizedBoundsChanged(EventArgs),  
Form.OnMaximumSizeChanged(EventArgs), Form.OnMinimumSizeChanged(EventArgs),  
Form.OnInputLanguageChanged(InputLanguageChangedEventArgs),  
Form.OnInputLanguageChanging(InputLanguageChangingEventArgs),  
Form.OnVisibleChanged(EventArgs), Form.OnMdiChildActivate(EventArgs),  
Form.OnMenuStart(EventArgs), Form.OnMenuComplete(EventArgs),  
Form.OnPaint(PaintEventArgs), Form.OnResize(EventArgs),  
Form.OnDpiChanged(DpiChangedEventArgs), Form.OnGetDpiScaledSize(int, int, ref Size),  
Form.OnRightToLeftLayoutChanged(EventArgs), Form.OnShown(EventArgs),
```

[Form.OnTextChanged\(EventArgs\)](#) , [Form.ProcessCmdKey\(ref Message, Keys\)](#) ,
[Form.ProcessDialogKey\(Keys\)](#) , [Form.ProcessDialogChar\(char\)](#) ,
[Form.ProcessKeyPreview\(ref Message\)](#) , [Form.ProcessTabKey\(bool\)](#) ,
[Form.RemoveOwnedForm\(Form\)](#) , [Form.Select\(bool, bool\)](#) ,
[Form.ScaleMinAxisSize\(float, float, bool\)](#) , [Form.GetScaledBounds\(Rectangle, SizeF, BoundsSpecified\)](#) ,
[Form.ScaleControl\(SizeF, BoundsSpecified\)](#) , [Form.SetBoundsCore\(int, int, int, int, BoundsSpecified\)](#) ,
[Form.SetClientSizeCore\(int, int\)](#) , [Form.SetDesktopBounds\(int, int, int, int\)](#) ,
[Form.SetDesktopLocation\(int, int\)](#) , [Form.Show\(IWin32Window\)](#) , [Form.ShowDialog\(\)](#) ,
[Form.ShowDialog\(IWin32Window\)](#) , [Form.ToString\(\)](#) , [Form.UpdateDefaultButton\(\)](#) ,
[Form.OnResizeBegin\(EventArgs\)](#) , [Form.OnResizeEnd\(EventArgs\)](#) ,
[Form.OnStyleChanged\(EventArgs\)](#) , [Form.ValidateChildren\(\)](#) ,
[Form.ValidateChildren\(ValidationConstraints\)](#) , [Form.WndProc\(ref Message\)](#) , [Form.AcceptButton](#) ,
[Form.ActiveForm](#) , [Form.ActiveMdiChild](#) , [Form.AllowTransparency](#) , [Form.AutoScroll](#) ,
[Form.AutoSize](#) , [Form.AutoSizeMode](#) , [Form.AutoValidate](#) , [Form.BackColor](#) ,
[Form.FormBorderStyle](#) , [Form.CancelButton](#) , [Form.ClientSize](#) , [Form.ControlBox](#) ,
[Form.CreateParams](#) , [Form.DefaultImeMode](#) , [Form.DefaultSize](#) , [Form.DesktopBounds](#) ,
[Form.DesktopLocation](#) , [Form.DialogResult](#) , [Form.HelpButton](#) , [Form.Icon](#) , [Form.IsMdiChild](#) ,
[Form.IsMdiContainer](#) , [Form.IsRestrictedWindow](#) , [Form.KeyPreview](#) , [Form.Location](#) ,
[Form.MaximizedBounds](#) , [Form.MaximumSize](#) , [Form.MainMenuStrip](#) , [Form.MinimumSize](#) ,
[Form.MaximizeBox](#) , [Form.MdiChildren](#) , [Form.MdiChildrenMinimizedAnchorBottom](#) ,
[Form.MdiParent](#) , [Form.MinimizeBox](#) , [Form.Modal](#) , [Form.Opacity](#) , [Form.OwnedForms](#) ,
[Form.Owner](#) , [Form.RestoreBounds](#) , [Form.RightToLeftLayout](#) , [Form.ShowInTaskbar](#) ,
[Form.ShowIcon](#) , [Form.ShowWithoutActivation](#) , [Form.Size](#) , [Form.SizeGripStyle](#) ,
[Form.StartPosition](#) , [Form.Text](#) , [Form.TopLevel](#) , [Form.TopMost](#) , [Form.TransparencyKey](#) ,
[Form.WindowState](#) , [Form.AutoSizeChanged](#) , [Form.AutoValidateChanged](#) ,
[Form.HelpButtonClicked](#) , [Form.MaximizedBoundsChanged](#) , [Form.MaximumSizeChanged](#) ,
[Form.MinimumSizeChanged](#) , [Form.Activated](#) , [Form.Deactivate](#) , [Form.FormClosing](#) ,
[Form.FormClosed](#) , [Form.Load](#) , [Form.MdiChildActivate](#) , [Form.MenuComplete](#) ,
[Form.MenuStart](#) , [Form.InputLanguageChanged](#) , [Form.InputLanguageChanging](#) ,
[Form.RightToLeftLayoutChanged](#) , [Form.Shown](#) , [Form.DpiChanged](#) , [Form.ResizeBegin](#) ,
[Form.ResizeEnd](#) , [ContainerControl.OnAutoValidateChanged\(EventArgs\)](#) ,
[ContainerControl.OnMove\(EventArgs\)](#) , [ContainerControl.OnParentChanged\(EventArgs\)](#) ,
[ContainerControl.PerformLayout\(\)](#) , [ContainerControl.RescaleConstantsForDpi\(int, int\)](#) ,
[ContainerControl.Validate\(\)](#) , [ContainerControl.Validate\(bool\)](#) ,
[ContainerControl.AutoScaleDimensions](#) , [ContainerControl.AutoScaleFactor](#) ,
[ContainerControl.AutoScaleMode](#) , [ContainerControl.BindingContext](#) ,
[ContainerControl.CanEnableIme](#) , [ContainerControl.ActiveControl](#) ,
[ContainerControl.CurrentAutoSizeDimensions](#) , [ContainerControl.ParentForm](#) ,
[ScrollableControl.ScrollStateAutoScrolling](#) , [ScrollableControl.ScrollStateHScrollVisible](#) ,
[ScrollableControl.ScrollStateVScrollVisible](#) , [ScrollableControl.ScrollStateUserHasScrolled](#) ,

[ScrollableControl.ScrollStateFullDrag](#) , [ScrollableControl.GetScrollState\(int\)](#) ,
[ScrollableControl.OnMouseWheel\(MouseEventArgs\)](#) ,
[ScrollableControl.OnRightToLeftChanged\(EventArgs\)](#) ,
[ScrollableControl.OnPaintBackground\(PaintEventArgs\)](#) ,
[ScrollableControl.OnPaddingChanged\(EventArgs\)](#) , [ScrollableControl.SetDisplayRectLocation\(int, int\)](#) ,
[ScrollableControl.ScrollControlIntoView\(Control\)](#) , [ScrollableControl.ScrollToControl\(Control\)](#) ,
[ScrollableControl.OnScroll\(ScrollEventArgs\)](#) , [ScrollableControl.SetAutoScrollMargin\(int, int\)](#) ,
[ScrollableControl.SetScrollState\(int, bool\)](#) , [ScrollableControl.AutoScrollMargin](#) ,
[ScrollableControl.AutoScrollPosition](#) , [ScrollableControl.AutoScrollMinSize](#) ,
[ScrollableControl.DisplayRectangle](#) , [ScrollableControl.HScroll](#) , [ScrollableControl.HorizontalScroll](#) ,
[ScrollableControl.VScroll](#) , [ScrollableControl.VerticalScroll](#) , [ScrollableControl.Scroll](#) ,
[Control.GetAccessibilityObjectById\(int\)](#) , [Control.SetAutoSizeMode\(AutoSizeMode\)](#) ,
[Control.GetAutoSizeMode\(\)](#) , [Control.GetPreferredSize\(Size\)](#) ,
[Control.AccessibilityNotifyClients\(AccessibleEvents, int\)](#) ,
[Control.AccessibilityNotifyClients\(AccessibleEvents, int, int\)](#) , [Control.BeginInvoke\(Delegate\)](#) ,
[Control.BeginInvoke\(Action\)](#) , [Control.BeginInvoke\(Delegate, params object\[\]\)](#) ,
[Control.BringToFront\(\)](#) , [Control.Contains\(Control\)](#) , [Control.CreateGraphics\(\)](#) ,
[Control.CreateControl\(\)](#) , [Control.DestroyHandle\(\)](#) , [Control.DoDragDrop\(object, DragDropEffects\)](#) ,
[Control.DoDragDrop\(object, DragDropEffects, Bitmap, Point, bool\)](#) ,
[Control.DrawToBitmap\(Bitmap, Rectangle\)](#) , [Control.EndInvoke\(IAsyncResult\)](#) , [Control.FindForm\(\)](#) ,
[Control.GetTopLevel\(\)](#) , [Control.RaiseKeyEvent\(object, KeyEventArgs\)](#) ,
[Control.RaiseMouseEvent\(object, MouseEventArgs\)](#) , [Control.Focus\(\)](#) ,
[Control.FromChildHandle\(nint\)](#) , [Control.FromHandle\(nint\)](#) ,
[Control.GetChildAtPoint\(Point, GetChildAtPointSkip\)](#) , [Control.GetChildAtPoint\(Point\)](#) ,
[Control.GetContainerControl\(\)](#) , [Control.GetNextControl\(Control, bool\)](#) ,
[Control.GetStyle\(ControlStyles\)](#) , [Control.Hide\(\)](#) , [Control.InitLayout\(\)](#) , [Control.Invalidate\(Region\)](#) ,
[Control.Invalidate\(Region, bool\)](#) , [Control.Invalidate\(\)](#) , [Control.Invalidate\(bool\)](#) ,
[Control.Invalidate\(Rectangle\)](#) , [Control.Invalidate\(Rectangle, bool\)](#) , [Control.Invoke\(Action\)](#) ,
[Control.Invoke\(Delegate\)](#) , [Control.Invoke\(Delegate, params object\[\]\)](#) ,
[Control.Invoke<T>\(Func<T>\)](#) , [Control.InvokePaint\(Control, PaintEventArgs\)](#) ,
[Control.InvokePaintBackground\(Control, PaintEventArgs\)](#) , [Control.IsKeyLocked\(Keys\)](#) ,
[Control.IsInputChar\(char\)](#) , [Control.IsInputKey\(Keys\)](#) , [Control.IsMnemonic\(char, string\)](#) ,
[Control.LogicalToDeviceUnits\(int\)](#) , [Control.LogicalToDeviceUnits\(Size\)](#) ,
[Control.ScaleBitmapLogicalToDevice\(ref Bitmap\)](#) , [Control.NotifyInvalidate\(Rectangle\)](#) ,
[Control.InvokeOnClick\(Control, EventArgs\)](#) , [Control.OnAutoSizeChanged\(EventArgs\)](#) ,
[Control.OnBackColorChanged\(EventArgs\)](#) , [Control.OnBindingContextChanged\(EventArgs\)](#) ,
[Control.OnCausesValidationChanged\(EventArgs\)](#) , [Control.OnContextMenuStripChanged\(EventArgs\)](#) ,
[Control.OnCursorChanged\(EventArgs\)](#) , [Control.OnDataContextChanged\(EventArgs\)](#) ,
[Control.OnDockChanged\(EventArgs\)](#) , [Control.OnForeColorChanged\(EventArgs\)](#) ,
[Control.OnNotifyMessage\(Message\)](#) , [Control.OnParentBackColorChanged\(EventArgs\)](#) ,

[Control.OnParentBackgroundImageChanged\(EventArgs\)](#) ,
[Control.OnParentBindingContextChanged\(EventArgs\)](#) , [Control.OnParentCursorChanged\(EventArgs\)](#) ,
[Control.OnParentDataContextChanged\(EventArgs\)](#) , [Control.OnParentEnabledChanged\(EventArgs\)](#) ,
[Control.OnParentFontChanged\(EventArgs\)](#) , [Control.OnParentForeColorChanged\(EventArgs\)](#) ,
[Control.OnParentRightToLeftChanged\(EventArgs\)](#) , [Control.OnParentVisibleChanged\(EventArgs\)](#) ,
[Control.OnPrint\(PaintEventArgs\)](#) , [Control.OnTabIndexChanged\(EventArgs\)](#) ,
[Control.OnTabStopChanged\(EventArgs\)](#) , [Control.OnClick\(EventArgs\)](#) ,
[Control.OnClientSizeChanged\(EventArgs\)](#) , [Control.OnControlAdded\(ControlEventArgs\)](#) ,
[Control.OnControlRemoved\(ControlEventArgs\)](#) , [Control.OnLocationChanged\(EventArgs\)](#) ,
[Control.OnDoubleClick\(EventArgs\)](#) , [Control.OnDragEnter\(DragEventArgs\)](#) ,
[Control.OnDragOver\(DragEventArgs\)](#) , [Control.OnDragLeave\(EventArgs\)](#) ,
[Control.OnDragDrop\(DragEventArgs\)](#) , [Control.OnGiveFeedback\(GiveFeedbackEventArgs\)](#) ,
[Control.InvokeGotFocus\(Control, EventArgs\)](#) , [Control.OnHelpRequested\(HelpEventArgs\)](#) ,
[Control.OnInvalidate\(InvalidEventArgs\)](#) , [Control.OnKeyDown\(KeyEventEventArgs\)](#) ,
[Control.OnKeyPress\(KeyEventEventArgs\)](#) , [Control.OnKeyUp\(KeyEventEventArgs\)](#) ,
[Control.OnLeave\(EventArgs\)](#) , [Control.InvokeLostFocus\(Control, EventArgs\)](#) ,
[Control.OnLostFocus\(EventArgs\)](#) , [Control.OnMarginChanged\(EventArgs\)](#) ,
[Control.OnMouseDoubleClick\(MouseEventArgs\)](#) , [Control.OnMouseClick\(MouseEventArgs\)](#) ,
[Control.OnMouseCaptureChanged\(EventArgs\)](#) , [Control.OnMouseDown\(MouseEventArgs\)](#) ,
[Control.OnMouseEnter\(EventArgs\)](#) , [Control.OnMouseLeave\(EventArgs\)](#) ,
[Control.OnDpiChangedBeforeParent\(EventArgs\)](#) , [Control.OnDpiChangedAfterParent\(EventArgs\)](#) ,
[Control.OnMouseHover\(EventArgs\)](#) , [Control.OnMouseMove\(MouseEventArgs\)](#) ,
[Control.OnMouseUp\(MouseEventArgs\)](#) ,
[Control.OnQueryContinueDrag\(QueryContinueDragEventArgs\)](#) ,
[Control.OnRegionChanged\(EventArgs\)](#) , [Control.OnPreviewKeyDown\(PreviewKeyDownEventArgs\)](#) ,
[Control.OnSizeChanged\(EventArgs\)](#) , [Control.OnChangeUICues\(UICuesEventArgs\)](#) ,
[Control.OnSystemColorsChanged\(EventArgs\)](#) , [Control.OnValidating\(CancelEventArgs\)](#) ,
[Control.OnValidated\(EventArgs\)](#) , [Control.PerformLayout\(\)](#) , [Control.PerformLayout\(Control, string\)](#) ,
[Control.PointToClient\(Point\)](#) , [Control.PointToScreen\(Point\)](#) ,
[Control.PreProcessMessage\(ref Message\)](#) , [Control.PreProcessControlMessage\(ref Message\)](#) ,
[Control.ProcessKeyEventArgs\(ref Message\)](#) , [Control.ProcessKeyMessage\(ref Message\)](#) ,
[Control.RaiseDragEvent\(object, DragEventArgs\)](#) , [Control.RaisePaintEvent\(object, PaintEventArgs\)](#) ,
[Control.RecreateHandle\(\)](#) , [Control.RectangleToClient\(Rectangle\)](#) ,
[Control.RectangleToScreen\(Rectangle\)](#) , [Control.ReflectMessage\(nint, ref Message\)](#) ,
[Control.Refresh\(\)](#) , [Control.ResetMouseEventArgs\(\)](#) , [Control.ResetText\(\)](#) , [Control.ResumeLayout\(\)](#) ,
[Control.ResumeLayout\(bool\)](#) , [Control.Scale\(SizeF\)](#) , [Control.Select\(\)](#) ,
[Control.SelectNextControl\(Control, bool, bool, bool, bool\)](#) , [Control.SendToBack\(\)](#) ,
[Control.SetBounds\(int, int, int, int\)](#) , [Control.SetBounds\(int, int, int, int, BoundsSpecified\)](#) ,
[Control.SizeFromClientSize\(Size\)](#) , [Control.SetStyle\(ControlStyles, bool\)](#) , [Control.SetTopLevel\(bool\)](#) ,
[Control.RtlTranslateAlignment\(HorizontalAlignment\)](#) ,

[Control.RtlTranslateAlignment\(LeftRightAlignment\)](#) ,
[Control.RtlTranslateAlignment\(ContentAlignment\)](#) ,
[Control.RtlTranslateHorizontal\(HorizontalAlignment\)](#) ,
[Control.RtlTranslateLeftRight\(LeftRightAlignment\)](#) , [Control.RtlTranslateContent\(ContentAlignment\)](#) ,
[Control.Show\(\)](#) , [Control.SuspendLayout\(\)](#) , [Control.Update\(\)](#) , [Control.UpdateBounds\(\)](#) ,
[Control.UpdateBounds\(int, int, int, int\)](#) , [Control.UpdateBounds\(int, int, int, int, int, int\)](#) ,
[Control.UpdateZOrder\(\)](#) , [Control.UpdateStyles\(\)](#) , [Control.OnImeModeChanged\(EventArgs\)](#) ,
[Control.AccessibilityObject](#) , [Control.AccessibleDefaultActionDescription](#) ,
[Control.AccessibleDescription](#) , [Control.AccessibleName](#) , [Control.AccessibleRole](#) ,
[Control.AllowDrop](#) , [Control.Anchor](#) , [Control.AutoScrollOffset](#) , [Control.LayoutEngine](#) ,
[Control.DataContext](#) , [Control.BackgroundImage](#) , [Control.BackgroundImageLayout](#) ,
[Control.Bottom](#) , [Control.Bounds](#) , [Control.CanFocus](#) , [Control.CanRaiseEvents](#) ,
[Control.CanSelect](#) , [Control.Capture](#) , [Control.CausesValidation](#) ,
[Control.CheckForIllegalCrossThreadCalls](#) , [Control.ClientRectangle](#) , [Control.CompanyName](#) ,
[Control.ContainsFocus](#) , [Control.ContextMenuStrip](#) , [Control.Controls](#) , [Control.Created](#) ,
[Control.Cursor](#) , [Control.DataBindings](#) , [Control.DefaultBackColor](#) , [Control.DefaultCursor](#) ,
[Control.DefaultFont](#) , [Control.DefaultForeColor](#) , [Control.DefaultMargin](#) ,
[Control.DefaultMaximumSize](#) , [Control.DefaultMinimumSize](#) , [Control.DefaultPadding](#) ,
[Control.DeviceDpi](#) , [Control.IsDisposed](#) , [Control.Disposing](#) , [Control.Dock](#) ,
[Control.DoubleBuffered](#) , [Control.Enabled](#) , [Control.Focused](#) , [Control.Font](#) , [Control.FontHeight](#) ,
[Control.ForeColor](#) , [Control.Handle](#) , [Control.HasChildren](#) , [Control.Height](#) ,
[Control.IsHandleCreated](#) , [Control.InvokeRequired](#) , [Control.Accessible](#) ,
[Control.IsAncestorSiteInDesignMode](#) , [Control.IsMirrored](#) , [Control.Left](#) , [Control.Margin](#) ,
[Control.ModifierKeys](#) , [Control.MouseButtons](#) , [Control.MousePosition](#) , [Control.Name](#) ,
[Control.Parent](#) , [Control.ProductName](#) , [Control.ProductVersion](#) , [Control.RecreatingHandle](#) ,
[Control.Region](#) , [Control.RenderRightToLeft](#) , [Control.ResizeRedraw](#) , [Control.Right](#) ,
[Control.RightToLeft](#) , [Control.ScaleChildren](#) , [Control.Site](#) , [Control.TabIndex](#) , [Control.TabStop](#) ,
[Control.Tag](#) , [Control.Top](#) , [Control.TopLevelControl](#) , [Control.ShowKeyboardCues](#) ,
[Control.ShowFocusCues](#) , [Control.UseWaitCursor](#) , [Control.Visible](#) , [Control.Width](#) ,
[Control.PreferredSize](#) , [Control.Padding](#) , [Control.ImeMode](#) , [Control.ImeModeBase](#) ,
[Control.PropagatingImeMode](#) , [Control.BackColorChanged](#) , [Control.BackgroundImageChanged](#) ,
[Control.BackgroundImageLayoutChanged](#) , [Control.BindingContextChanged](#) ,
[Control.CausesValidationChanged](#) , [Control.ClientSizeChanged](#) ,
[Control.ContextMenuStripChanged](#) , [Control.CursorChanged](#) , [Control.DockChanged](#) ,
[Control.EnabledChanged](#) , [Control.FontChanged](#) , [Control.ForeColorChanged](#) ,
[Control.LocationChanged](#) , [Control.MarginChanged](#) , [Control.RegionChanged](#) ,
[Control.RightToLeftChanged](#) , [Control.SizeChanged](#) , [Control.TabIndexChanged](#) ,
[Control.TabStopChanged](#) , [Control.TextChanged](#) , [Control.VisibleChanged](#) , [Control.Click](#) ,
[Control.ControlAdded](#) , [Control.ControlRemoved](#) , [Control.DataContextChanged](#) ,
[Control.DragDrop](#) , [Control.DragEnter](#) , [Control.DragOver](#) , [Control.DragLeave](#) ,

[Control.GiveFeedback](#) , [Control.HandleCreated](#) , [Control.HandleDestroyed](#) ,
[Control.HelpRequested](#) , [Control.Invalidate](#) , [Control.PaddingChanged](#) , [Control.Paint](#) ,
[Control.QueryContinueDrag](#) , [Control.QueryAccessibilityHelp](#) , [Control.DoubleClick](#) ,
[Control.Enter](#) , [Control.GotFocus](#) , [Control.KeyDown](#) , [Control.KeyPress](#) , [Control.KeyUp](#) ,
[Control.Layout](#) , [Control.Leave](#) , [Control.LostFocus](#) , [Control.MouseClick](#) ,
[Control.MouseDoubleClick](#) , [Control.MouseCaptureChanged](#) , [Control.MouseDown](#) ,
[Control.MouseEnter](#) , [Control.MouseLeave](#) , [Control.DpiChangedBeforeParent](#) ,
[Control.DpiChangedAfterParent](#) , [Control.MouseHover](#) , [Control.MouseMove](#) , [Control.MouseUp](#) ,
[Control.MouseWheel](#) , [Control.Move](#) , [Control.PreviewKeyDown](#) , [Control.Resize](#) ,
[Control.ChangeUICues](#) , [Control.StyleChanged](#) , [Control.SystemColorsChanged](#) ,
[Control.Validating](#) , [Control.Validated](#) , [Control.ParentChanged](#) , [Control.ImeModeChanged](#) ,
[Component.Dispose\(\)](#) , [Component.GetService\(Type\)](#) , [Component.Container](#) ,
[Component.DesignMode](#) , [Component.Events](#) , [Component.Dispose](#) ,
[MarshalByRefObject.GetLifetimeService\(\)](#) , [MarshalByRefObject.InitializeLifetimeService\(\)](#) ,
[MarshalByRefObject.MemberwiseClone\(bool\)](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
[object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
[object.ReferenceEquals\(object, object\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

TaskTrayForm()

```
public TaskTrayForm()
```

Properties

RootSettings

```
public IRootSettings RootSettings { get; set; }
```

Property Value

[IRootSettings](#)

Methods

Dispose(bool)

Clean up any resources being used.

```
protected override void Dispose(bool disposing)
```

Parameters

disposing [bool](#)

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

Class Version

Namespace: [Rudeus.Application](#)

Assembly: Application.dll

```
public class Version : IVersion
```

Inheritance

[object](#) ← Version

Implements

[IVersion](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.Is<T>\(T, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object, string\)](#)

Methods

ToString()

```
public static string ToString()
```

Returns

[string](#)

Namespace Rudeus.Command

Classes

[Version](#)

[Worker](#)

Interfaces

[IWorker](#)

Interface IWorker

Namespace: [Rudeus.Command](#)

Assembly: Command.dll

```
public interface IWorker
```

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T,T\)](#) ,
[AssertEx.IsNotNull<T>\(T,T\)](#) , [AssertEx.IsNotNull<T>\(T,T,IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T,T\)](#) , [AssertEx.IsNotNull<T>\(T,T\)](#) , [AssertEx.IsNotNull<T>\(T,T,IEqualityComparer<T>\)](#) ,
[AssertEx.IsNotNull<T>\(T,Expression<Func<T,bool>>,string\)](#) , [AssertEx.IsNotNullInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotNullInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object,object,string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object,object,string\)](#).

Properties

AccessTokenValidator

```
IProcedure AccessTokenValidator { get; set; }
```

Property Value

[IProcedure](#)

ScheduledRelularExecuter

```
IProcedure ScheduledRelularExecuter { get; set; }
```

Property Value

[IProcedure](#)

UserLoginExecuter

```
IProcedure UserLoginExecuter { get; set; }
```

Property Value

[IProcedure](#)

Class Version

Namespace: [Rudeus.Command](#)

Assembly: Command.dll

```
public class Version : IVersion
```

Inheritance

[object](#) ← Version

Implements

[IVersion](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.Is<T>\(T, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object\)](#) , [AssertEx.IsStructuralEqual\(object, object, string\)](#)

Methods

ToString()

```
public static string ToString()
```

Returns

[string](#)

Class Worker

Namespace: [Rudeus.Command](#)

Assembly: Command.dll

```
public class Worker : BackgroundService, IHostedService, IDisposable, IWorker
```

Inheritance

[object](#) ← [BackgroundService](#) ← Worker

Implements

[IHostedService](#), [IDisposable](#), [IWorker](#)

Inherited Members

[BackgroundService.StartAsync\(CancellationToken\)](#) ,
[BackgroundService.StopAsync\(CancellationToken\)](#) , [BackgroundService.Dispose\(\)](#) ,
[BackgroundService.ExecuteTask](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
[object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
[object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#)

Constructors

Worker(ILogger<Worker>?, string[]?, IRootSettings?,
IProcedure?, IProcedure?, IProcedure?)

```
public Worker(ILOGGER<Worker>? logger = null, string[]? args = null, IRootSettings? settings  
= null, IProcedure? accessTokenValidator = null, IProcedure? scheduledRegularExecuter =  
null, IProcedure? userLoginExecuter = null)
```

Parameters

logger [ILogger](#)<Worker>

args [string](#)[]

settings [IRootSettings](#)

accessTokenValidator [IProcedure](#)

scheduledRegularExecuter [IProcedure](#)

userLoginExecuter [IProcedure](#)

Properties

AccessTokenValidator

```
public IProcedure AccessTokenValidator { get; set; }
```

Property Value

[IProcedure](#)

RootSettings

```
public IRootSettings RootSettings { get; set; }
```

Property Value

[IRootSettings](#)

ScheduledRelularExecuter

```
public IProcedure ScheduledRelularExecuter { get; set; }
```

Property Value

[IProcedure](#)

UserLoginExecuter

```
public IProcedure UserLoginExecuter { get; set; }
```

Property Value

[IProcedure](#)

Methods

ExecuteAsync(CancellationToken)

This method is called when the [IHostedService](#) starts. The implementation should return a task that represents the lifetime of the long running operation(s) being performed.

```
protected override Task ExecuteAsync(CancellationToken stoppingToken)
```

Parameters

stoppingToken [CancellationToken](#)

Triggered when [StopAsync\(CancellationToken\)](#) is called.

Returns

[Task](#)

A [Task](#) that represents the long running operations.

Remarks

See [Worker Services in .NET](#) for implementation guidelines.

RunAsync()

```
public Task RunAsync()
```

Returns

[Task](#)

Namespace Rudeus.Initializer

Classes

[Program](#)

Class Program

Namespace: [Rudeus.Initializer](#)

Assembly: Initializer.dll

```
public class Program
```

Inheritance

[object](#) ← Program

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

CheckLogMessage

```
public static bool? CheckLogMessage { get; set; }
```

Property Value

[bool](#)?

_certificateInstaller

```
public static IProcedure _certificateInstaller { get; set; }
```

Property Value

[IProcedure](#)

_registryInitializer

```
public static IProcedure _registryInitializer { get; set; }
```

Property Value

[IProcedure](#)

_serverRegister

```
public static IProcedure _serverRegister { get; set; }
```

Property Value

[IProcedure](#)

_taskInitializer

```
public static IProcedure _taskInitializer { get; set; }
```

Property Value

[IProcedure](#)

Methods

Main(string[])

```
public static void Main(string[] args)
```

Parameters

args [string](#)[]

MainAsync(string[])

```
public static Task MainAsync(string[] args)
```

Parameters

args [string](#)[]

Returns

[Task](#)

Namespace Rudeus.Initializer.Procedure

Classes

[TaskInitializer](#)

タスクスケジューラーの初期化を行う手続き

Class TaskInitializer

Namespace: [Rudeus.Initializer.Procedure](#)

Assembly: Initializer.dll

タスクスケジューラーの初期化を行う手続き

```
public class TaskInitializer : IProcedure
```

Inheritance

[object](#) ← TaskInitializer

Implements

[IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Methods

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task](#)

Namespace Rudeus.Launcher

Classes

[Program](#)

ランチャーのエントリーポイント 管理サーバからアップデート出来ないクラスです

[Version](#)

Class Program

Namespace: [Rudeus.Launcher](#)

Assembly: Launcher.dll

ランチャーのエントリーポイント 管理サーバからアップデート出来ないクラスです

```
public class Program
```

Inheritance

[object](#) ← Program

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Properties

AccessTokenValidator

```
public static IProcedure AccessTokenValidator { get; set; }
```

Property Value

[IProcedure](#)

AppSettings

```
public static IAppSettings AppSettings { get; set; }
```

Property Value

[IAppSettings](#)

ArgsStr

```
public static string ArgsStr { get; set; }
```

Property Value

[string](#)

Executer

```
public static IExecuter Executer { get; set; }
```

Property Value

[IExecuter](#)

ExitFunc

```
public static Func<int, bool> ExitFunc { get; set; }
```

Property Value

[Func](#) <[int](#), [bool](#)>

RootSettings

```
public static IRootSettings RootSettings { get; set; }
```

Property Value

[IRootSettings](#)

Updater

```
public static IProcedure Updater { get; set; }
```

Property Value

[IProcedure](#)

Methods

JoinArgs(string[])

```
public static string JoinArgs(string[] args)
```

Parameters

args [string](#)[]

Returns

[string](#)[]

Main(string[])

```
public static void Main(string[] args)
```

Parameters

args [string](#)[]

MainAsync()

```
public static Task MainAsync()
```

Returns

[Task](#)

Class Version

Namespace: [Rudeus.Launcher](#)

Assembly: Launcher.dll

```
public class Version : IVersion
```

Inheritance

[object](#) ← Version

Implements

[IVersion](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) , [AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool> , string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsStructuralEqual\(object, object, string\)](#)

Methods

ToString()

```
public static string ToString()
```

Returns

[string](#)

Namespace Rudeus.Launcher.Procedure

Classes

[Executer](#)

アプリの起動を行う手続き 管理サーバからアップデート出来ないクラスです

[Updater](#)

起動アプリのアップデートを行う手続き 管理サーバからアップデート出来ないクラスです

Interfaces

[IExecuter](#)

LauncherはExitCodeを返すべき手続きだったので作成

Class Executer

Namespace: [Rudeus.Launcher.Procedure](#)

Assembly: Launcher.dll

アプリの起動を行う手続き 管理サーバからアップデート出来ないクラスです

```
public class Executer : IExecuter, IProcedure
```

Inheritance

[object](#) ← Executer

Implements

[IExecuter](#), [IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

Executer(IAppSettings, string, Func<string, string, int>?)

```
public Executer(IAppSettings aps, string args = "", Func<string, string, int>? startProcess  
= null)
```

Parameters

aps [IAppSettings](#)

args [string](#)

startProcess [Func](#)<[string](#), [string](#), [int](#)>

Properties

AppSettings

`public IAppSettings AppSettings { get; set; }`

Property Value

[IAppSettings](#)

Args

`public string Args { get; set; }`

Property Value

[string](#)

ExitCode

`public int ExitCode { get; set; }`

Property Value

[int](#)

StartProcess

`public Func<string, string, int> StartProcess { get; set; }`

Property Value

[Func](#)<[string](#), [string](#), [int](#)>

Methods

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task](#)

RunExe()

```
public Task RunExe()
```

Returns

[Task](#)

Interface IExecuter

Namespace: [Rudeus.Launcher.Procedure](#)

Assembly: Launcher.dll

LauncherはExitCodeを返すべき手続きだったので作成

```
public interface IExecuter : IProcedure
```

Inherited Members

[IProcedure.Run\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.IsNotNull<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsNotNull<T>\(T, string\)](#) , [AssertEx.IsNotNullOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotNullOf<TWrong>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#).

Properties

ExitCode

```
int ExitCode { get; set; }
```

Property Value

[int](#) ↗

Methods

RunExe()

```
Task RunExe()
```

Returns

[Task ↗](#)

Class Updater

Namespace: [Rudeus.Launcher.Procedure](#)

Assembly: Launcher.dll

起動アプリのアップデートを行う手続き 管理サーバからアップデート出来ないクラスです

```
public class Updater : IProcedure
```

Inheritance

[object](#) ← Updater

Implements

[IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

Updater(IAppSettings, IRootSettings)

```
public Updater(IAppSettings aps, IRootSettings rts)
```

Parameters

aps [IAppSettings](#)

rts [IRootSettings](#)

Properties

AppSettings

```
public IAppSettings AppSettings { get; set; }
```

Property Value

[IAppSettings](#)

RootSettings

```
public IRootSettings RootSettings { get; set; }
```

Property Value

[IRootSettings](#)

Methods

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task](#)

ShouldUpdate(string, string)

```
public bool ShouldUpdate(string localVersion, string remoteVersion)
```

Parameters

`localVersion` [string](#) ↗

`remoteVersion` [string](#) ↗

Returns

[bool](#) ↗

Namespace Rudeus.Model

Classes

[ApplicationData](#)

取得したインストール済みアプリのデータを保持する構造体

[InstalledApplications](#)

インストール済みアプリのデータを取得するモデル

[LocalMachine](#)

ローカルマシンの情報を取得するモデル

[WallPaper](#)

Interfaces

[ILocalCertificate](#)

ローカルマシンの証明書を操作するモデルのインターフェース

[ILocalMachine](#)

ローカルマシンの情報を取得するモデルのインターフェース

Class ApplicationData

Namespace: [Rudeus.Model](#)

Assembly: SharedLib.dll

取得したインストール済みアプリのデータを保持する構造体

```
public class ApplicationData
```

Inheritance

[object](#) ← ApplicationData

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#)

Constructors

ApplicationData()

```
public ApplicationData()
```

ApplicationData(string, string)

```
public ApplicationData(string name, string version)
```

Parameters

name [string](#)

version [string](#)

Properties

Name

```
public string Name { get; set; }
```

Property Value

[string](#)

Version

```
public string Version { get; set; }
```

Property Value

[string](#)

Interface ILocalCertificate

Namespace: [Rudeus.Model](#)

Assembly: SharedLib.dll

ローカルマシンの証明書を操作するモデルのインターフェース

```
public interface ILocalCertificate
```

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#).

Methods

GetCertificate(string)

```
X509Certificate2? GetCertificate(string issuer)
```

Parameters

issuer [string](#)

Returns

[X509Certificate2](#)

GetInstance()

```
public static abstract ILocalCertificate GetInstance()
```

Returns

[ILocalCertificate](#)

InstallCertificateIntoRoot(string)

```
void InstallCertificateIntoRoot(string path)
```

Parameters

path [string](#)

InstallPkcs12IntoMy(string, string)

```
void InstallPkcs12IntoMy(string path, string password)
```

Parameters

path [string](#)

password [string](#)

UninstallCertificateFromString(string)

```
void UninstallCertificateFromString(string certificate)
```

Parameters

certificate [string](#)

Interface ILocalMachine

Namespace: [Rudeus.Model](#)

Assembly: SharedLib.dll

ローカルマシンの情報を取得するモデルのインターフェース

```
public interface ILocalMachine
```

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullEqual\(object, object, string\)](#) , [AssertEx.IsNotNullEqual\(object, object, string\)](#).

Methods

GetCDrive()

```
string GetCDrive()
```

Returns

[string](#)

GetCpuName()

```
string GetCpuName()
```

Returns

[string](#)

GetDeviceId()

```
string GetDeviceId()
```

Returns

[string](#) ↗

GetHostname()

`string GetHostname()`

Returns

[string](#) ↗

GetInstance()

`public static abstract ILocalMachine GetInstance()`

Returns

[ILocalMachine](#)

GetLabelId()

`string GetLabelId()`

Returns

[string](#) ↗

GetMemory()

`string GetMemory()`

Returns

[string](#)

GetNetworkInterfaces()

`List<Dictionary<string, string>> GetNetworkInterfaces()`

Returns

[List](#)<[Dictionary](#)<string, string>>

GetOS()

`string GetOS()`

Returns

[string](#)

GetOSVersion()

`string GetOSVersion()`

Returns

[string](#)

GetPhysicalRamInfo()

`string GetPhysicalRamInfo()`

Returns

[string](#)

GetProductName()

`string GetProductName()`

Returns

[string](#)

GetSpec()

`string GetSpec()`

Returns

[string](#)

GetStorageDeviceIdList()

物理ディスクドライブのIDリストを取得 現時点では利用していない

`List<string> GetStorageDeviceIdList()`

Returns

[List](#) <[string](#)>

GetWinVersion()

`string GetWinVersion()`

Returns

[string](#)

GetWithSecure()

`string GetWithSecure()`

Returns

[string](#) ↗

Class InstalledApplications

Namespace: [Rudeus.Model](#)

Assembly: SharedLib.dll

インストール済みアプリのデータを取得するモデル

```
public class InstalledApplications
```

Inheritance

[object](#) ← InstalledApplications

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#)

Methods

LoadAsync()

```
public static Task<List<ApplicationData>> LoadAsync()
```

Returns

[Task](#) <[List](#) <[ApplicationData](#)>>

Class LocalMachine

Namespace: [Rudeus.Model](#)

Assembly: SharedLib.dll

ローカルマシンの情報を取得するモデル

```
public class LocalMachine : ILocalMachine
```

Inheritance

[object](#) ← LocalMachine

Implements

[ILocalMachine](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Methods

GetCDrive()

```
public string GetCDrive()
```

Returns

[string](#)

GetCpuName()

```
public string GetCpuName()
```

Returns

[string](#)

GetDeviceId()

```
public string GetDeviceId()
```

Returns

[string](#)

GetHostname()

```
public string GetHostname()
```

Returns

[string](#)

GetInstance()

```
public static ILocalMachine GetInstance()
```

Returns

[ILocalMachine](#)

GetLabelId()

```
public string GetLabelId()
```

Returns

[string](#)

GetMemory()

```
public string GetMemory()
```

Returns

[string](#)

GetNetworkInterfaces()

```
public List<Dictionary<string, string>> GetNetworkInterfaces()
```

Returns

[List](#) <[Dictionary](#) <[string](#), [string](#)>>

GetOS()

```
public string GetOS()
```

Returns

[string](#)

GetOSVersion()

```
public string GetOSVersion()
```

Returns

[string](#)

GetPhysicalRamInfo()

```
public string GetPhysicalRamInfo()
```

Returns

[string](#)

GetProductName()

```
public string GetProductName()
```

Returns

[string](#)

GetSpec()

```
public string GetSpec()
```

Returns

[string](#)

GetStorageDeviceIdList()

物理ディスクドライブのIDリストを取得 現時点では利用していない

```
public List<string> GetStorageDeviceIdList()
```

Returns

[List](#) <[string](#)>

GetWinVersion()

```
public string GetWinVersion()
```

Returns

[string](#)

GetWithSecure()

```
public string GetWithSecure()
```

Returns

[string](#)

Class WallPaper

Namespace: [Rudeus.Model](#)

Assembly: SharedLib.dll

```
public class WallPaper
```

Inheritance

[object](#) ← WallPaper

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Methods

Change(string)

```
public static bool Change(string filePath)
```

Parameters

filePath [string](#)

Returns

[bool](#)

Namespace Rudeus.Procedure

Classes

[AccessTokenValidator](#)

アクセストークンの有効性を確認し、無効なら再発行する手続き

[CacheUpdater](#)

[CertificateInstaller](#)

ローカルマシンに証明書をインストールする手続き

[RegistryInitializer](#)

ローカルマシンに必要なレジストリを初期化する手続き

[RegistryRemover](#)

ローカルマシンに必要なレジストリを初期化する手続き

[RegularExecuter](#)

定期実行する処理を実行する手続き デバイス情報の更新とサーバからのpush_dataの処理を行う

[ServerRegister](#)

管理サーバにデバイスを登録する手続き

[UserLoginExecuter](#)

ユーザーのログインを行う手続き ログイン(ユーザ紐付)とラベルID入力を促す

Interfaces

[IProcedure](#)

ひとまとめの処理を実行するインターフェース 例えば、アクセストークンの再発行、インストール済みアプリの送信など

Class AccessTokenValidator

Namespace: [Rudeus.Procedure](#)

Assembly: SharedLib.dll

アクセストークンの有効性を確認し、無効なら再発行する手続き

```
public class AccessTokenValidator : IProcedure
```

Inheritance

[object](#) ← AccessTokenValidator

Implements

[IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

AccessTokenValidator(IRootSettings?, ILocalMachine?)

```
public AccessTokenValidator(IRootSettings? cs = null, ILocalMachine? lm = null)
```

Parameters

cs [IRootSettings](#)

lm [ILocalMachine](#)

Properties

LM

```
public ILocalMachine LM { get; set; }
```

Property Value

[ILocalMachine](#)

_settings

```
public IRootSettings _settings { get; set; }
```

Property Value

[IRootSettings](#)

Methods

IsFirstRun()

```
public bool IsFirstRun()
```

Returns

[bool](#) ↗

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task ↗](#)

Class CacheUpdater

Namespace: [Rudeus.Procedure](#)

Assembly: SharedLib.dll

```
public class CacheUpdater : IProcedure
```

Inheritance

[object](#) ← CacheUpdater

Implements

[IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

CacheUpdater(IRootSettings?, ILocalMachine?)

```
public CacheUpdater(IRootSettings? settings = null, ILocalMachine? localMachine = null)
```

Parameters

settings [IRootSettings](#)

localMachine [ILocalMachine](#)

Properties

LocalMachine

```
public ILocalMachine LocalMachine { get; set; }
```

Property Value

[ILocalMachine](#)

RootSettings

```
public IRootSettings RootSettings { get; set; }
```

Property Value

[IRootSettings](#)

Methods

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task](#)

Class CertificateInstaller

Namespace: [Rudeus.Procedure](#)

Assembly: SharedLib.dll

ローカルマシンに証明書をインストールする手続き

```
public class CertificateInstaller : IProcedure
```

Inheritance

[object](#) ← CertificateInstaller

Implements

[IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

CertificateInstaller(ILocalCertificate?)

```
public CertificateInstaller(ILocalCertificate? lc = null)
```

Parameters

lc [ILocalCertificate](#)

Properties

_localCertificate

```
public ILocalCertificate _localCertificate { get; set; }
```

Property Value

[ILocalCertificate](#)

Methods

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task](#)

Interface IProcedure

Namespace: [Rudeus.Procedure](#)

Assembly: SharedLib.dll

ひとまとめの処理を実行するインターフェース 例えば、アクセストークンの再発行、インストール済みアプリの送信など

```
public interface IProcedure
```

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.IsNotNull<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsNotNullOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotNullInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#).

Methods

Run()

処理を実行する

```
Task Run()
```

Returns

[Task](#) ↗

Class RegistryInitializer

Namespace: [Rudeus.Procedure](#)

Assembly: SharedLib.dll

ローカルマシンに必要なレジストリを初期化する手続き

```
public class RegistryInitializer : IProcedure
```

Inheritance

[object](#) ← RegistryInitializer

Implements

[IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

RegistryInitializer(IRootSettings?, IAppSettings?, IAppSettings?,
IAppSettings?)

```
public RegistryInitializer(IRootSettings? cfs = null, IAppSettings? ins = null,  
IAppSettings? bgs = null, IAppSettings? bfs = null)
```

Parameters

cfs [IRootSettings](#)

ins [IAppSettings](#)

bgS [IAppSettings](#)

bfs [IAppSettings](#)

Properties

BfSettings

`public IAppSettings BfSettings { get; set; }`

Property Value

[IAppSettings](#)

BgSettings

`public IAppSettings BgSettings { get; set; }`

Property Value

[IAppSettings](#)

ConfSettings

`public IRootSettings ConfSettings { get; set; }`

Property Value

[IRootSettings](#)

InnoSettings

```
public IAppSettings InnoSettings { get; set; }
```

Property Value

[IAppSettings](#)

Methods

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task](#)

Class RegistryRemover

Namespace: [Rudeus.Procedure](#)

Assembly: SharedLib.dll

ローカルマシンに必要なレジストリを初期化する手続き

```
public class RegistryRemover : IProcedure
```

Inheritance

[object](#) ← RegistryRemover

Implements

[IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

RegistryRemover(IRootSettings?, IAppSettings?, IAppSettings?, IAppSettings?)

```
public RegistryRemover(IRootSettings? cfs = null, IAppSettings? ins = null, IAppSettings?  
bgs = null, IAppSettings? bfs = null)
```

Parameters

cfs [IRootSettings](#)

```
ins IAppSettings
```

```
bgs IAppSettings
```

```
bfs IAppSettings
```

Properties

BfSettings

```
public IAppSettings BfSettings { get; set; }
```

Property Value

[IAppSettings](#)

BgSettings

```
public IAppSettings BgSettings { get; set; }
```

Property Value

[IAppSettings](#)

ConfSettings

```
public IRootSettings ConfSettings { get; set; }
```

Property Value

[IRootSettings](#)

InnoSettings

```
public IAppSettings InnoSettings { get; set; }
```

Property Value

[IAppSettings](#)

Methods

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task](#)

Class RegularExecuter

Namespace: [Rudeus.Procedure](#)

Assembly: SharedLib.dll

定期実行する処理を実行する手続き デバイス情報の更新とサーバからのpush_dataの処理を行う

```
public class RegularExecuter : IProcedure
```

Inheritance

[object](#) ← RegularExecuter

Implements

[IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

RegularExecuter(UpdateWatcher?, IRootSettings?, IProcedure)

```
public RegularExecuter(UpdateWatcher? watcher = null, IRootSettings? settings = null,  
IProcedure localMachineInfoUpdater = null)
```

Parameters

watcher [UpdateWatcher](#)

settings [IRootSettings](#)

localMachineInfoUpdater [IProcedure](#)

Properties

LocalMachineInfoUpdater

```
public IProcedure LocalMachineInfoUpdater { get; set; }
```

Property Value

[IProcedure](#)

RootSettings

```
public IRootSettings RootSettings { get; set; }
```

Property Value

[IRootSettings](#)

Watcher

```
public UpdateWatcher Watcher { get; set; }
```

Property Value

[UpdateWatcher](#)

Methods

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task](#) ↗

Class ServerRegister

Namespace: [Rudeus.Procedure](#)

Assembly: SharedLib.dll

管理サーバにデバイスを登録する手続き

```
public class ServerRegister : IProcedure
```

Inheritance

[object](#) ← ServerRegister

Implements

[IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

ServerRegister(ILocalMachine?, IRootSettings?)

```
public ServerRegister(ILocalMachine? lm = null, IRootSettings? cs = null)
```

Parameters

lm [ILocalMachine](#)

cs [IRootSettings](#)

Properties

_localMachine

```
public ILocalMachine _localMachine { get; set; }
```

Property Value

[ILocalMachine](#)

_settings

```
public IRootSettings _settings { get; set; }
```

Property Value

[IRootSettings](#)

Methods

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task](#)

Class UserLoginExecuter

Namespace: [Rudeus.Procedure](#)

Assembly: SharedLib.dll

ユーザーのログインを行う手続き ログイン(ユーザ紐付)とラベルID入力を促す

```
public class UserLoginExecuter : IProcedure
```

Inheritance

[object](#) ← UserLoginExecuter

Implements

[IProcedure](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Properties

OpenBrowser

```
public static Func<string, bool> OpenBrowser { get; set; }
```

Property Value

[Func](#) <[string](#), [bool](#)>

RootSettings

```
public IRootSettings RootSettings { get; set; }
```

Property Value

[IRootSettings](#)

Methods

Run()

処理を実行する

```
public Task Run()
```

Returns

[Task](#)

Namespace Rudeus.Watchdogs

Classes

[UpdateWatcher](#)

Class UpdateWatcher

Namespace: [Rudeus.Watchdogs](#)

Assembly: SharedLib.dll

```
public class UpdateWatcher
```

Inheritance

[object](#) ← UpdateWatcher

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

UpdateWatcher(ILocalMachine?, IRootSettings?)

```
public UpdateWatcher(ILocalMachine? lm = null, IRootSettings? settings = null)
```

Parameters

lm [ILocalMachine](#)

settings [IRootSettings](#)

Properties

LM

```
public ILocalMachine LM { get; set; }
```

Property Value

[ILocalMachine](#)

Settings

```
public IRootSettings Settings { get; set; }
```

Property Value

[IRootSettings](#)

Methods

BuildSendInstalledAppsRequest()

変更があったアプリがあれば全てのアプリリストを基にリクエストを作成する

```
public SendInstalledAppsRequest? BuildSendInstalledAppsRequest()
```

Returns

[SendInstalledAppsRequest](#)

BuildUpdateMacRequest()

変更がない場合はnullを返す

```
public UpdateMacRequest? BuildUpdateMacRequest()
```

Returns

[UpdateMacRequest](#)

BuildUpdateRequest(bool)

変更がない場合はnullを返す予定

```
public UpdateRequest BuildUpdateRequest(bool disableCache = false)
```

Parameters

disableCache [bool](#)

Returns

[UpdateRequest](#)

Namespace SharedLib

Interfaces

[IVersion](#)

Interface IVersion

Namespace: [SharedLib](#)

Assembly: SharedLib.dll

```
public interface IVersion
```

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotStructuralEqual\(object, object, string\)](#) , [AssertEx.IsStructuralEqual\(object, object, string\)](#).

Methods

ToString()

```
public static abstract string ToString()
```

Returns

[string](#) ↗

Namespace SharedLib.Exceptions

Classes

[AccessTokenUnavailableException](#)

[ApiNotFoundException](#)

[ServerUnavailableException](#)

[UnexpectedJsonFormatException](#)

[UnexpectedResponseException](#)

Class AccessTokenUnavailableException

Namespace: [SharedLib.Exceptions](#)

Assembly: SharedLib.dll

```
public class AccessTokenUnavailableException : Exception, ISerializable
```

Inheritance

[object](#) ← [Exception](#) ← AccessTokenUnavailableException

Implements

[ISerializable](#)

Inherited Members

[Exception.GetBaseException\(\)](#) , [Exception.GetObjectData\(SerializationInfo, StreamingContext\)](#) ,
[Exception.GetType\(\)](#) , [Exception.ToString\(\)](#) , [Exception.Data](#) , [Exception.HelpLink](#) ,
[Exception.HResult](#) , [Exception.InnerException](#) , [Exception.Message](#) , [Exception.Source](#) ,
[Exception.StackTrace](#) , [Exception.TargetSite](#) , [Exception.SerializeObjectState](#) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

AccessTokenUnavailableException(string)

```
public AccessTokenUnavailableException(string message)
```

Parameters

message [string](#)

Class ApiNotFoundException

Namespace: [SharedLib.Exceptions](#)

Assembly: SharedLib.dll

```
public class ApiNotFoundException : Exception, ISerializable
```

Inheritance

[object](#) ← [Exception](#) ← ApiNotFoundException

Implements

[ISerializable](#)

Inherited Members

[Exception.GetBaseException\(\)](#) , [Exception.GetObjectData\(SerializationInfo, StreamingContext\)](#) ,
[Exception.GetType\(\)](#) , [Exception.ToString\(\)](#) , [Exception.Data](#) , [Exception.HelpLink](#) ,
[Exception.HResult](#) , [Exception.InnerException](#) , [Exception.Message](#) , [Exception.Source](#) ,
[Exception.StackTrace](#) , [Exception.TargetSite](#) , [Exception.SerializeObjectState](#) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

ApiNotFoundException(string)

```
public ApiNotFoundException(string message)
```

Parameters

message [string](#)

Class ServerUnavailableException

Namespace: [SharedLib.Exceptions](#)

Assembly: SharedLib.dll

```
public class ServerUnavailableException : Exception, ISerializable
```

Inheritance

[object](#) ← [Exception](#) ← ServerUnavailableException

Implements

[ISerializable](#)

Inherited Members

[Exception.GetBaseException\(\)](#) , [Exception.GetObjectData\(SerializationInfo, StreamingContext\)](#) ,
[Exception.GetType\(\)](#) , [Exception.ToString\(\)](#) , [Exception.Data](#) , [Exception.HelpLink](#) ,
[Exception.HResult](#) , [Exception.InnerException](#) , [Exception.Message](#) , [Exception.Source](#) ,
[Exception.StackTrace](#) , [Exception.TargetSite](#) , [Exception.SerializeObjectState](#) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

ServerUnavailableException(string)

```
public ServerUnavailableException(string message)
```

Parameters

message [string](#)

Class UnexpectedJsonFormatException

Namespace: [SharedLib.Exceptions](#)

Assembly: SharedLib.dll

```
public class UnexpectedJsonFormatException : Exception, ISerializable
```

Inheritance

[object](#) ← [Exception](#) ← UnexpectedJsonFormatException

Implements

[ISerializable](#)

Inherited Members

[Exception.GetBaseException\(\)](#) , [Exception.GetObjectData\(SerializationInfo, StreamingContext\)](#) ,
[Exception.GetType\(\)](#) , [Exception.ToString\(\)](#) , [Exception.Data](#) , [Exception.HelpLink](#) ,
[Exception.HResult](#) , [Exception.InnerException](#) , [Exception.Message](#) , [Exception.Source](#) ,
[Exception.StackTrace](#) , [Exception.TargetSite](#) , [Exception.SerializeObjectState](#) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

UnexpectedJsonFormatException(string)

```
public UnexpectedJsonFormatException(string message)
```

Parameters

message [string](#)

Class UnexpectedResponseException

Namespace: [SharedLib.Exceptions](#)

Assembly: SharedLib.dll

```
public class UnexpectedResponseException : Exception, ISerializable
```

Inheritance

[object](#) ← [Exception](#) ← UnexpectedResponseException

Implements

[ISerializable](#)

Inherited Members

[Exception.GetBaseException\(\)](#) , [Exception.GetObjectData\(SerializationInfo, StreamingContext\)](#) ,
[Exception.GetType\(\)](#) , [Exception.ToString\(\)](#) , [Exception.Data](#) , [Exception.HelpLink](#) ,
[Exception.HResult](#) , [Exception.InnerException](#) , [Exception.Message](#) , [Exception.Source](#) ,
[Exception.StackTrace](#) , [Exception.TargetSite](#) , [Exception.SerializeObjectState](#) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#)

Constructors

UnexpectedResponseException(string)

```
public UnexpectedResponseException(string message)
```

Parameters

message [string](#)

Namespace SharedLib.Model.Settings

Classes

[AppSettings](#)

レジストリに設定を保持するモデル

[RootSettings](#)

レジストリに設定を保持するモデル

Interfaces

[IAppSettings](#)

設定をレジストリに保管するモデル レジストリを指定して異なる保存先を指定することもできる

[IBaseSettings](#)

[IRootSettings](#)

主要な設定をレジストリに保管するモデル

Class AppSettings

Namespace: [SharedLib.Model.Settings](#)

Assembly: SharedLib.dll

レジストリに設定を保持するモデル

```
public class AppSettings : IAppSettings, IBaseSettings
```

Inheritance

[object](#) ← AppSettings

Implements

[IAppSettings](#), [IBaseSettings](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

AppSettings(string, Func<string, string, string>?, Func<string, string, bool>?)

```
public AppSettings(string registryKey, Func<string, string, string>? getFunc = null,  
Func<string, string, bool>? setFunc = null)
```

Parameters

registryKey [string](#)

```
getFunc Func<string, string, string>
```

```
setFunc Func<string, string, bool>
```

Fields

AccessTokenKey

```
public static string AccessTokenKey
```

Field Value

[string](#)

CurrentVersionKey

```
public static string CurrentVersionKey
```

Field Value

[string](#)

DeviceIdKey

```
public static string DeviceIdKey
```

Field Value

[string](#)

FirstHostnameKey

```
public static string FirstHostnameKey
```

Field Value

[string](#) ↗

HostnameKey

`public static string HostnameKey`

Field Value

[string](#) ↗

LatestVersionStatusKey

`public static string LatestVersionStatusKey`

Field Value

[string](#) ↗

NetworkIFListKey

`public string NetworkIFListKey`

Field Value

[string](#) ↗

UpdateChannelKey

`public static string UpdateChannelKey`

Field Value

[string](#) ↗

UsernameKey

```
public static string UsernameKey
```

Field Value

[string](#) ↗

Properties

AccessTokenP

```
public string AccessTokenP { get; set; }
```

Property Value

[string](#) ↗

CurrentVersionP

```
public string CurrentVersionP { get; set; }
```

Property Value

[string](#) ↗

DeviceIdP

```
public string DeviceIdP { get; set; }
```

Property Value

[string](#)

FirstHostnameP

```
public string FirstHostnameP { get; set; }
```

Property Value

[string](#)

GetFunc

```
public Func<string, string, string> GetFunc { get; set; }
```

Property Value

[Func](#) <[string](#), [string](#), [string](#)>

HostnameP

```
public string HostnameP { get; set; }
```

Property Value

[string](#)

LastDirNameP

```
public string LastDirNameP { get; set; }
```

Property Value

[string](#)

LastVersionDirPathP

```
public string LastVersionDirPathP { get; set; }
```

Property Value

[string](#) ↗

LastVersionExeNameP

```
public string LastVersionExeNameP { get; set; }
```

Property Value

[string](#) ↗

LastVersionExePathP

```
public string LastVersionExePathP { get; }
```

Property Value

[string](#) ↗

LatestDirNameP

```
public string LatestDirNameP { get; set; }
```

Property Value

[string](#) ↗

LatestVersionDirPathP

```
public string LatestVersionDirPathP { get; set; }
```

Property Value

[string](#)

LatestVersionExeNameP

```
public string LatestVersionExeNameP { get; set; }
```

Property Value

[string](#)

LatestVersionExePathP

```
public string LatestVersionExePathP { get; }
```

Property Value

[string](#)

LatestVersionStatusP

```
public string LatestVersionStatusP { get; set; }
```

Property Value

[string](#)

NetworkIFList

```
public string NetworkIFList { get; set; }
```

Property Value

[string](#)

RegistryKey

```
public string RegistryKey { get; }
```

Property Value

[string](#)

SetFunc

```
public Func<string, string, bool> SetFunc { get; set; }
```

Property Value

[Func](#)<[string](#), [string](#), [bool](#)>

UpdatingChannelP

```
public string UpdatingChannelP { get; set; }
```

Property Value

[string](#)

UsernameP

```
public string UsernameP { get; set; }
```

Property Value

[string](#)

Methods

DeleteAll()

```
public void DeleteAll()
```

Get(string, string)

```
public string Get(string key, string defaultValue = "")
```

Parameters

key [string](#)

defaultValue [string](#)

Returns

[string](#)

IsBetaChannelP()

```
public bool IsBetaChannelP()
```

Returns

[bool](#)

IsDevelopChannelP()

```
public bool IsDevelopChannelP()
```

Returns

[bool](#)

IsLatestVersionStatusDownloadedP()

```
public bool IsLatestVersionStatusDownloadedP()
```

Returns

[bool](#)

IsLatestVersionStatusOkP()

```
public bool IsLatestVersionStatusOkP()
```

Returns

[bool](#)

IsLatestVersionStatusUnlaunchableP()

```
public bool IsLatestVersionStatusUnlaunchableP()
```

Returns

[bool](#)

IsStableChannelP()

```
public bool IsStableChannelP()
```

Returns

[bool](#)

IsTestChannelP()

```
public bool IsTestChannelP()
```

Returns

[bool](#)

Set(string, string)

```
public bool Set(string key, string value)
```

Parameters

[key](#) [string](#)

[value](#) [string](#)

Returns

[bool](#)

SetBetaChannelP()

```
public void SetBetaChannelP()
```

SetDevelopChannelP()

```
public void SetDevelopChannelP()
```

SetLatestVersionStatusDownloadedP()

```
public void SetLatestVersionStatusDownloadedP()
```

SetLatestVersionStatusOkP()

```
public void SetLatestVersionStatusOkP()
```

SetLatestVersionStatusUnlaunchableP()

```
public void SetLatestVersionStatusUnlaunchableP()
```

SetStableChannelP()

```
public void SetStableChannelP()
```

SetTestChannelP()

```
public void SetTestChannelP()
```

Interface IAppSettings

Namespace: [SharedLib.Model.Settings](#)

Assembly: SharedLib.dll

設定をレジストリに保管するモデル レジストリを指定して異なる保存先を指定することもできる

```
public interface IAppSettings : IBaseSettings
```

Inherited Members

[IBaseSettings.Get\(string, string\)](#) , [IBaseSettings.Set\(string, string\)](#) , [IBaseSettings.DeleteAll\(\)](#) ,
[IBaseSettings.GetFunc](#) , [IBaseSettings.SetFunc](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#)

Properties

CurrentVersionP

```
string CurrentVersionP { get; set; }
```

Property Value

[string](#)

LastDirNameP

```
string LastDirNameP { get; set; }
```

Property Value

[string](#) ↗

LastVersionDirPathP

```
string LastVersionDirPathP { get; set; }
```

Property Value

[string](#) ↗

LastVersionExeNameP

```
string LastVersionExeNameP { get; set; }
```

Property Value

[string](#) ↗

LastVersionExePathP

```
string LastVersionExePathP { get; }
```

Property Value

[string](#) ↗

LatestDirNameP

```
string LatestDirNameP { get; set; }
```

Property Value

[string](#) ↗

LatestVersionDirPathP

`string LatestVersionDirPathP { get; set; }`

Property Value

[string](#) ↗

LatestVersionExeNameP

`string LatestVersionExeNameP { get; set; }`

Property Value

[string](#) ↗

LatestVersionExePathP

`string LatestVersionExePathP { get; }`

Property Value

[string](#) ↗

LatestVersionStatusP

`string LatestVersionStatusP { get; set; }`

Property Value

[string](#) ↗

RegistryKey

```
string RegistryKey { get; }
```

Property Value

[string](#)

UpdatingChannelIP

```
string UpdatingChannelIP { get; set; }
```

Property Value

[string](#)

Methods

IsLatestVersionStatusDownloadedP()

```
bool IsLatestVersionStatusDownloadedP()
```

Returns

[bool](#)

IsLatestVersionStatusOkP()

```
bool IsLatestVersionStatusOkP()
```

Returns

[bool](#)

IsLatestVersionStatusUnlaunchableP()

```
bool IsLatestVersionStatusUnlaunchableP()
```

Returns

[bool](#)

SetLatestVersionStatusDownloadedP()

```
void SetLatestVersionStatusDownloadedP()
```

SetLatestVersionStatusOkP()

```
void SetLatestVersionStatusOkP()
```

SetLatestVersionStatusUnlaunchableP()

```
void SetLatestVersionStatusUnlaunchableP()
```

Interface IBaseSettings

Namespace: [SharedLib.Model.Settings](#)

Assembly: SharedLib.dll

```
public interface IBaseSettings
```

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.IsNotNull<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsNotNullInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotNullInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#).

Properties

GetFunc

```
Func<string, string, string> GetFunc { get; set; }
```

Property Value

[Func<string, string, string>](#)

SetFunc

```
Func<string, string, bool> SetFunc { get; set; }
```

Property Value

[Func<string, string, bool>](#)

Methods

DeleteAll()

```
void DeleteAll()
```

Get(string, string)

```
string Get(string key, string defaultString)
```

Parameters

key [string](#)

defaultString [string](#)

Returns

[string](#)

Set(string, string)

```
bool Set(string key, string value)
```

Parameters

key [string](#)

value [string](#)

Returns

[bool](#)

Interface IRootSettings

Namespace: [SharedLib.Model.Settings](#)

Assembly: SharedLib.dll

主要な設定をレジストリに保管するモデル

```
public interface IRootSettings : IBaseSettings
```

Inherited Members

[IBaseSettings.Get\(string, string\)](#) , [IBaseSettings.Set\(string, string\)](#) , [IBaseSettings.DeleteAll\(\)](#) ,
[IBaseSettings.GetFunc](#) , [IBaseSettings.SetFunc](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>\)](#) , [AssertEx.IsInstanceOf<T>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<T>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#)

Properties

AccessTokenP

```
string AccessTokenP { get; set; }
```

Property Value

[string](#)

CDriveP

```
string CDriveP { get; set; }
```

Property Value

[string](#) ↗

CpuNameP

```
string CpuNameP { get; set; }
```

Property Value

[string](#) ↗

CurrentVersionP

```
string CurrentVersionP { get; set; }
```

Property Value

[string](#) ↗

DeviceIdP

```
string DeviceIdP { get; set; }
```

Property Value

[string](#) ↗

FirstHostnameP

```
string FirstHostnameP { get; set; }
```

Property Value

[string](#) ↗

HostnameP

`string HostnameP { get; set; }`

Property Value

[string](#) ↗

InstalledAppsHashP

`string InstalledAppsHashP { get; set; }`

Property Value

[string](#) ↗

InterfacesHashP

`string InterfacesHashP { get; set; }`

Property Value

[string](#) ↗

LabelIdP

`string LabelIdP { get; set; }`

Property Value

[string](#) ↗

MemoryP

```
string MemoryP { get; set; }
```

Property Value

[string](#) ↗

OSP

```
string OSP { get; set; }
```

Property Value

[string](#) ↗

OSVersionP

```
string OSVersionP { get; set; }
```

Property Value

[string](#) ↗

SpecP

```
string SpecP { get; set; }
```

Property Value

[string](#) ↗

UpdatingChannelP

```
string UpdatingChannelP { get; set; }
```

Property Value

[string](#)

UsernameP

```
string UsernameP { get; set; }
```

Property Value

[string](#)

WithSecureP

```
string WithSecureP { get; set; }
```

Property Value

[string](#)

Methods

IsBetaChannelP()

```
bool IsBetaChannelP()
```

Returns

[bool](#)

IsDevelopChannelP()

```
bool IsDevelopChannelP()
```

Returns

bool ↗

IsStableChannelP()

```
bool IsStableChannelP()
```

Returns

bool ↗

IsTestChannelP()

```
bool IsTestChannelP()
```

Returns

bool ↗

SetBetaChannelP()

```
void SetBetaChannelP()
```

SetDevelopChannelP()

```
void SetDevelopChannelP()
```

SetStableChannelP()

```
void SetStableChannelP()
```

SetTestChannelP()

```
void SetTestChannelP()
```

Class RootSettings

Namespace: [SharedLib.Model.Settings](#)

Assembly: SharedLib.dll

レジストリに設定を保持するモデル

```
public class RootSettings : IRootSettings, IBaseSettings
```

Inheritance

[object](#) ← RootSettings

Implements

[IRootSettings](#), [IBaseSettings](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#) ,
[AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) , [AssertEx.IsInstanceOf<TExpected>\(object\)](#) ,
[AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotStructuralEqual\(object, object, string\)](#) ,
[AssertEx.IsStructuralEqual\(object, object, string\)](#).

Constructors

RootSettings(Func<string, string, string>?, Func<string, string, bool>?)

```
public RootSettings(Func<string, string, string>? getFunc = null, Func<string, string, bool>? setFunc = null)
```

Parameters

getFunc [Func<string, string, string>](#)

setFunc [Func<string, string, bool>](#)

Fields

AccessTokenKey

`public static string AccessTokenKey`

Field Value

[string](#)

CDriveKey

`public string CDriveKey`

Field Value

[string](#)

CpuNameKey

`public string CpuNameKey`

Field Value

[string](#)

CurrentVersionKey

`public static string CurrentVersionKey`

Field Value

[string](#) ↗

DeviceIdKey

```
public static string DeviceIdKey
```

Field Value

[string](#) ↗

FirstHostnameKey

```
public static string FirstHostnameKey
```

Field Value

[string](#) ↗

HostnameKey

```
public static string HostnameKey
```

Field Value

[string](#) ↗

InstalledAppsHashKey

```
public string InstalledAppsHashKey
```

Field Value

[string](#) ↗

InterfacesHashKey

```
public string InterfacesHashKey
```

Field Value

[string](#) ↗

LabelIdKey

```
public static string LabelIdKey
```

Field Value

[string](#) ↗

MemoryKey

```
public string MemoryKey
```

Field Value

[string](#) ↗

NetworkIFListKey

```
public string NetworkIFListKey
```

Field Value

[string](#) ↗

OSKey

```
public string OSKey
```

Field Value

[string](#) ↗

OSVersionKey

```
public string OSVersionKey
```

Field Value

[string](#) ↗

SpecKey

```
public string SpecKey
```

Field Value

[string](#) ↗

UpdateChannelKey

```
public static string UpdateChannelKey
```

Field Value

[string](#) ↗

UsernameKey

```
public static string UsernameKey
```

Field Value

[string](#)

WithSecureKey

```
public string WithSecureKey
```

Field Value

[string](#)

Properties

AccessTokenP

```
public string AccessTokenP { get; set; }
```

Property Value

[string](#)

CDriveP

```
public string CDriveP { get; set; }
```

Property Value

[string](#)

CpuNameP

```
public string CpuNameP { get; set; }
```

Property Value

[string](#)

CurrentVersionP

```
public string CurrentVersionP { get; set; }
```

Property Value

[string](#)

DeviceIdP

```
public string DeviceIdP { get; set; }
```

Property Value

[string](#)

FirstHostnameP

```
public string FirstHostnameP { get; set; }
```

Property Value

[string](#)

GetFunc

```
public Func<string, string, string> GetFunc { get; set; }
```

Property Value

[Func](#) <[string](#), [string](#), [string](#)>

HostnameP

```
public string HostnameP { get; set; }
```

Property Value

[string](#)

InstalledAppsHashP

```
public string InstalledAppsHashP { get; set; }
```

Property Value

[string](#)

InterfacesHashP

```
public string InterfacesHashP { get; set; }
```

Property Value

[string](#)

LabelIdP

```
public string LabelIdP { get; set; }
```

Property Value

[string](#) ↗

MemoryP

```
public string MemoryP { get; set; }
```

Property Value

[string](#) ↗

NetworkIFListP

```
public string NetworkIFListP { get; set; }
```

Property Value

[string](#) ↗

OSP

```
public string OSP { get; set; }
```

Property Value

[string](#) ↗

OSVersionP

```
public string OSVersionP { get; set; }
```

Property Value

[string](#)

SetFunc

```
public Func<string, string, bool> SetFunc { get; set; }
```

Property Value

[Func](#)<[string](#), [string](#), [bool](#)>

SpecP

```
public string SpecP { get; set; }
```

Property Value

[string](#)

UpdatingChannelP

```
public string UpdatingChannelP { get; set; }
```

Property Value

[string](#)

UsernameP

```
public string UsernameP { get; set; }
```

Property Value

[string](#)

WithSecureP

```
public string WithSecureP { get; set; }
```

Property Value

[string](#)

Methods

DeleteAll()

```
public void DeleteAll()
```

Get(string, string)

```
public string Get(string key, string defaultValue = "")
```

Parameters

key [string](#)

defaultValue [string](#)

Returns

[string](#)

IsBetaChannelP()

```
public bool IsBetaChannelP()
```

Returns

bool ↗

IsDevelopChannelP()

```
public bool IsDevelopChannelP()
```

Returns

bool ↗

IsStableChannelP()

```
public bool IsStableChannelP()
```

Returns

bool ↗

IsTestChannelP()

```
public bool IsTestChannelP()
```

Returns

bool ↗

Set(string, string)

```
public bool Set(string key, string value)
```

Parameters

key [string](#)

value [string](#)

Returns

[bool](#)

SetBetaChannelP()

```
public void SetBetaChannelP()
```

SetDevelopChannelP()

```
public void SetDevelopChannelP()
```

SetStableChannelP()

```
public void SetStableChannelP()
```

SetTestChannelP()

```
public void SetTestChannelP()
```

Namespace Test

Classes

[UnitTestSample](#)

Class UnitTestSample

Namespace: [Test](#)

Assembly: Test.dll

```
public class UnitTestSample
```

Inheritance

[object](#) ← UnitTestSample

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestAbs1()

```
[Fact(DisplayName = "abs(1) -> 1")]
public void TestAbs1()
```

TestAbs2()

```
[Fact(DisplayName = "abs(-12) -> 12")]
public void TestAbs2()
```

TestAbs3()

```
[Fact(DisplayName = "abs(0) -> 0")]
public void TestAbs3()
```

Namespace Test.Command

Classes

[WorkerTest](#)

Class WorkerTest

Namespace: [Test.Command](#)

Assembly: Test.dll

```
public class WorkerTest
```

Inheritance

[object](#) ← WorkerTest

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestRunAsync1()

```
[Fact(Skip = "RemoteAPIがスタブ不可なのでスキップ")]
public void TestRunAsync1()
```

TestRunAsync2()

```
[Fact(Skip = "RemoteAPIがスタブ不可なのでスキップ")]
public void TestRunAsync2()
```

Namespace Test.Initializer

Classes

[ProgramTests](#)

[TaskInitializerTests](#)

Class ProgramTests

Namespace: [Test.Initializer](#)

Assembly: Test.dll

```
public class ProgramTests
```

Inheritance

[object](#) ← ProgramTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestMain()

```
[Fact]  
public void TestMain()
```

Class TaskInitializerTests

Namespace: [Test.Initializer](#)

Assembly: Test.dll

```
public class TaskInitializerTests
```

Inheritance

[object](#) ← TaskInitializerTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Namespace Test.Launcher

Classes

[ExecuterTests](#)

[FakeExecuter](#)

[ProgramTests](#)

[UpdaterTests](#)

Class ExecuterTests

Namespace: [Test.Launcher](#)

Assembly: Test.dll

```
public class ExecuterTests
```

Inheritance

[object](#) ← ExecuterTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestRun()

```
[Fact]  
public Task TestRun()
```

Returns

[Task](#)

TestRun2()

```
[Fact]  
public Task TestRun2()
```

Returns

[Task](#) ↗

TestRun3()

```
[Fact]  
public Task TestRun3()
```

Returns

[Task](#) ↗

Class FakeExecuter

Namespace: [Test.Launcher](#)

Assembly: Test.dll

```
public class FakeExecuter : FakeProcedure, IFakeProcedure, IExecuter, IProcedure
```

Inheritance

[object](#) ← [FakeProcedure](#) ← [FakeExecuter](#)

Implements

[IFakeProcedure](#), [IExecuter](#), [IProcedure](#)

Inherited Members

[FakeProcedure.RunCount](#), [FakeProcedure.Run\(\)](#), [object.Equals\(object\)](#), [object.Equals\(object, object\)](#),
[object.GetHashCode\(\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#),
[object.ReferenceEquals\(object, object\)](#), [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#), [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#),
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#), [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#),
[AssertEx.AsDynamic<T>\(T\)](#), [AssertEx.IsNotNull<T>\(T\)](#), [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#),
[AssertEx.IsNotNull<T>\(T, T\)](#), [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#), [AssertEx.IsNotNull<T>\(T\)](#),
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#), [AssertEx.IsNotNull<T>\(T, Expression<Func<T, bool>\), string\)](#),
[AssertEx.IsNotNull<T>\(T, T\)](#), [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#).

Properties

ExitCode

```
public int ExitCode { get; set; }
```

Property Value

[int](#)

ExitWithUpdateOnce

```
public bool ExitWithUpdateOnce { get; set; }
```

Property Value

[bool](#)

Methods

RunExe()

```
public Task RunExe()
```

Returns

[Task](#)

Class ProgramTests

Namespace: [Test.Launcher](#)

Assembly: Test.dll

```
public class ProgramTests
```

Inheritance

[object](#) ← ProgramTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestJoinArgs1()

```
[Fact]  
public void TestJoinArgs1()
```

TestJoinArgs2()

```
[Fact]  
public void TestJoinArgs2()
```

TestMain1()

```
[Fact]  
public Task TestMain1()
```

Returns

[Task](#)

TestMain2()

```
[Fact]  
public Task TestMain2()
```

Returns

[Task](#)

Class UpdaterTests

Namespace: [Test.Launcher](#)

Assembly: Test.dll

```
public class UpdaterTests
```

Inheritance

[object](#) ← UpdaterTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TRawng>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Namespace Test.SharedLib

Classes

[ConstantsTests](#)

[UtilsTests](#)

Class ConstantsTests

Namespace: [Test.SharedLib](#)

Assembly: Test.dll

```
public class ConstantsTests
```

Inheritance

[object](#) ← ConstantsTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Class UtilsTests

Namespace: [Test.SharedLib](#)

Assembly: Test.dll

```
public class UtilsTests
```

Inheritance

[object](#) ← UtilsTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestCompareVersionString()

```
[Fact(DisplayName = "CompareVersionString(): \"1.0.0\", \"2.1.0\" -> -1")]
public void TestCompareVersionString()
```

TestCompareVersionString1()

```
[Fact(DisplayName = "CompareVersionString(): \"1.0.0\", \"1.0.0\" -> 0")]
public void TestCompareVersionString1()
```

TestCompareVersionString2()

```
[Fact(DisplayName = "CompareVersionString(): \"1.0.0\", \"0.32.0\" -> 1")]
public void TestCompareVersionString2()
```

TestConcatStudentNumberFromMail()

```
[Fact(DisplayName = "ConcatStudentNumberFromMail(): \"s1234567@s.do-johodai.ac.jp\" -> \"1234567\"")]
public void TestConcatStudentNumberFromMail()
```

TestIsStudentMailAddress1()

学生のメール -> true

```
[Fact(DisplayName = "IsStudentMailAddress(): s1234567@s.do-johodai.ac.jp -> True")]
public void TestIsStudentMailAddress1()
```

TestIsStudentMailAddress2()

教員のメール -> false

```
[Fact(DisplayName = "IsStudentMailAddress(): samplename@s.do-johodai.ac.jp -> False")]
public void TestIsStudentMailAddress2()
```

TestIsStudentMailAddress3()

外部のメール -> false

```
[Fact(DisplayName = "IsStudentMailAddress(): s1234567@www.example.com -> False")]
public void TestIsStudentMailAddress3()
```

Namespace Test.SharedLib.API

Classes

[FakeRequestClient](#)

[RemoteAPITests](#)

Class FakeRequestClient

Namespace: [Test.SharedLib.API](#)

Assembly: Test.dll

```
public class FakeRequestClient : IRequestClient
```

Inheritance

[object](#) ← FakeRequestClient

Implements

[IRequestClient](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\), string\)](#) , [AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Constructors

FakeRequestClient()

```
public FakeRequestClient()
```

FakeRequestClient(bool, bool, bool)

```
public FakeRequestClient(bool raiseUnreachableException, bool raiseUnauthorizedException, bool raiseUnexceptResponseException)
```

Parameters

`raiseUnreachableException` [bool](#)

`raiseUnauthorizedException` [bool](#)

`raiseUnexceptResponseException` [bool](#)

Fields

OKResponseString

`public string` `OKResponseString`

Field Value

[string](#)

OKWithPushDataResponseString

`public string` `OKWithPushDataResponseString`

Field Value

[string](#)

RaiseUnauthorizedException

`public bool` `RaiseUnauthorizedException`

Field Value

[bool](#)

RaiseUnexceptResponseException

```
public bool RaiseUnexceptResponseException
```

Field Value

[bool](#)

RaiseUnreachableException

```
public bool RaiseUnreachableException
```

Field Value

[bool](#)

RegisterDeviceResponseString

```
public string RegisterDeviceResponseString
```

Field Value

[string](#)

Methods

Request([HttpRequestMessage](#))

```
public HttpResponseMessage Request(HttpRequestMessage message)
```

Parameters

message [HttpRequestMessage](#)

Returns

[HttpResponseMessage](#)

RequestMethod(HttpRequestMessage)

```
public string RequestMethod(HttpRequestMessage message)
```

Parameters

message [HttpRequestMessage](#)

Returns

[string](#)

Class RemoteAPITests

Namespace: [Test.SharedLib.API](#)

Assembly: Test.dll

```
public class RemoteAPITests
```

Inheritance

[object](#) ← RemoteAPITests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestBuildHttpRequestMessage()

```
[Fact]  
public void TestBuildHttpRequestMessage()
```

TestLoginDevice()

```
[Fact]  
public void TestLoginDevice()
```

TestRegisterDevice()

```
[Fact]  
public void TestRegisterDevice()
```

TestRegisterDeviceException()

```
[Fact]  
public void TestRegisterDeviceException()
```

TestSendInstalledApps()

```
[Fact]  
public void TestSendInstalledApps()
```

TestUpdateDevice()

```
[Fact]  
public void TestUpdateDevice()
```

Namespace Test.SharedLib.Model

Classes

[FakeLocalCertificate](#)

ローカルマシンの証明書を操作するモデルのFake実装

[FakeLocalMachine](#)

Class FakeLocalCertificate

Namespace: [Test.SharedLib.Model](#)

Assembly: Test.dll

ローカルマシンの証明書を操作するモデルのFake実装

```
public class FakeLocalCertificate : ILocalCertificate
```

Inheritance

[object](#) ← FakeLocalCertificate

Implements

[ILocalCertificate](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TRawng>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\), string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#).

Fields

_fakeLocalCertificate

```
public static ILocalCertificate _fakeLocalCertificate
```

Field Value

[ILocalCertificate](#)

Methods

Create()

新しいインスタンスを生成する

```
public static ILocalCertificate Create()
```

Returns

[ILocalCertificate](#)

GetCertificate(string)

```
public X509Certificate2 GetCertificate(string issuer)
```

Parameters

issuer [string](#)

Returns

[X509Certificate2](#)

GetInstance()

单一のインスタンスを取得する

```
public static ILocalCertificate GetInstance()
```

Returns

[ILocalCertificate](#)

InstallCertificateIntoRoot(string)

```
public void InstallCertificateIntoRoot(string path)
```

Parameters

path [string](#)

InstallPkcs12IntoMy(string, string)

```
public void InstallPkcs12IntoMy(string path, string password)
```

Parameters

path [string](#)

password [string](#)

UninstallCertificateFromString(string)

```
public void UninstallCertificateFromString(string certificate)
```

Parameters

certificate [string](#)

Class FakeLocalMachine

Namespace: [Test.SharedLib.Model](#)

Assembly: Test.dll

```
public class FakeLocalMachine : ILocalMachine
```

Inheritance

[object](#) ← FakeLocalMachine

Implements

[ILocalMachine](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool> >, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Constructors

FakeLocalMachine()

```
public FakeLocalMachine()
```

Methods

GetCDrive()

```
public string GetCDrive()
```

Returns

[string](#)

GetCpuName()

```
public string GetCpuName()
```

Returns

[string](#)

GetDeviceId()

```
public string GetDeviceId()
```

Returns

[string](#)

GetHostname()

```
public string GetHostname()
```

Returns

[string](#)

GetInstance()

```
public static ILocalMachine GetInstance()
```

Returns

ILocalMachine

GetLabelId()

```
public string GetLabelId()
```

Returns

[string](#)

GetMemory()

```
public string GetMemory()
```

Returns

[string](#)

GetNetworkInterfaces()

```
public List<Dictionary<string, string>> GetNetworkInterfaces()
```

Returns

[List](#)<[Dictionary](#)<[string](#), [string](#)>>

GetOS()

```
public string GetOS()
```

Returns

[string](#)

GetOSVersion()

```
public string GetOSVersion()
```

Returns

[string](#)

GetPhysicalRamInfo()

```
public string GetPhysicalRamInfo()
```

Returns

[string](#)

GetProductName()

```
public string GetProductName()
```

Returns

[string](#)

GetSpec()

```
public string GetSpec()
```

Returns

[string](#)

GetStorageDeviceIdList()

物理ディスクドライブのIDリストを取得 現時点を利用していない

```
public List<string> GetStorageDeviceIdList()
```

Returns

[List](#) <[string](#)>

GetWinVersion()

```
public string GetWinVersion()
```

Returns

[string](#)

GetWithSecure()

```
public string GetWithSecure()
```

Returns

[string](#)

Namespace Test.SharedLib.Model.Settings

Classes

[AppSettingsTest](#)

[FakeSettings](#)

レジストリの設定を保持するモデルのFake実装

[FakeSettingsTest](#)

FakeSettingsのテストクラス

[RootSettingsTest](#)

Class AppSettingsTest

Namespace: [Test.SharedLib.Model.Settings](#)

Assembly: Test.dll

```
public class AppSettingsTest
```

Inheritance

[object](#) ← AppSettingsTest

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

CurrentVersionPTest()

```
[Fact]  
public void CurrentVersionPTest()
```

LastDirNamePTest()

```
[Fact]  
public void LastDirNamePTest()
```

LastVersionDirPathPTest()

```
[Fact]
public void LastVersionDirPathPTest()
```

LastVersionExeNamePTest()

```
[Fact]
public void LastVersionExeNamePTest()
```

LastVersionExePathPTest()

```
[Fact]
public void LastVersionExePathPTest()
```

LatestDirNamePTest()

```
[Fact]
public void LatestDirNamePTest()
```

LatestVersionDirPathPTest()

```
[Fact]
public void LatestVersionDirPathPTest()
```

LatestVersionExeNamePTest()

```
[Fact]
public void LatestVersionExeNamePTest()
```

LatestVersionExePathPTest()

```
[Fact]
public void LatestVersionExePathPTest()
```

LatestVersionStatusPTest()

```
[Fact]
public void LatestVersionStatusPTest()
```

SetLatestVersionStatusDownloadedPTest()

```
[Fact]
public void SetLatestVersionStatusDownloadedPTest()
```

SetLatestVersionStatusOkPTest()

```
[Fact]
public void SetLatestVersionStatusOkPTest()
```

SetLatestVersionStatusUnlaunchablePTest()

```
[Fact]
public void SetLatestVersionStatusUnlaunchablePTest()
```

UpdatingChannelPTest()

```
[Fact]
public void UpdatingChannelPTest()
```

Class FakeSettings

Namespace: [Test.SharedLib.Model.Settings](#)

Assembly: Test.dll

レジストリの設定を保持するモデルのFake実装

```
public class FakeSettings : IAppSettings, IRootSettings, IBaseSettings
```

Inheritance

[object](#) ← FakeSettings

Implements

[IAppSettings](#), [IRootSettings](#), [IBaseSettings](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TRawng>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>\), string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#).

Constructors

FakeSettings(Func<string, string, string>?, Func<string, string, bool>?)

```
public FakeSettings(Func<string, string, string>? getFunc = null, Func<string, string, bool>? setFunc = null)
```

Parameters

getFunc [Func<string, string, string>](#)

setFunc [Func<string, string, bool>](#)

Properties

AccessTokenP

```
public string AccessTokenP { get; set; }
```

Property Value

[string](#)

CDriveP

```
public string CDriveP { get; set; }
```

Property Value

[string](#)

CpuNameP

```
public string CpuNameP { get; set; }
```

Property Value

[string](#)

CurrentVersionP

```
public string CurrentVersionP { get; set; }
```

Property Value

[string](#) ↗

DeviceIdP

```
public string DeviceIdP { get; set; }
```

Property Value

[string](#) ↗

FirstHostnameP

```
public string FirstHostnameP { get; set; }
```

Property Value

[string](#) ↗

GetFunc

```
public Func<string, string, string> GetFunc { get; set; }
```

Property Value

[Func](#) ↗ <[string](#) ↗, [string](#) ↗, [string](#) ↗>

HostnameP

```
public string HostnameP { get; set; }
```

Property Value

[string](#) ↗

InstalledAppsHashP

```
public string InstalledAppsHashP { get; set; }
```

Property Value

[string](#) ↗

InterfacesHashP

```
public string InterfacesHashP { get; set; }
```

Property Value

[string](#) ↗

LabelIdP

```
public string LabelIdP { get; set; }
```

Property Value

[string](#) ↗

LastDirNameP

```
public string LastDirNameP { get; set; }
```

Property Value

[string](#) ↗

LastVersionDirPathP

```
public string LastVersionDirPathP { get; set; }
```

Property Value

[string](#)

LastVersionExeNameP

```
public string LastVersionExeNameP { get; set; }
```

Property Value

[string](#)

LastVersionExePathP

```
public string LastVersionExePathP { get; }
```

Property Value

[string](#)

LatestDirNameP

```
public string LatestDirNameP { get; set; }
```

Property Value

[string](#)

LatestVersionDirPathP

```
public string LatestVersionDirPathP { get; set; }
```

Property Value

[string](#)

LatestVersionExeNameP

```
public string LatestVersionExeNameP { get; set; }
```

Property Value

[string](#)

LatestVersionExePathP

```
public string LatestVersionExePathP { get; }
```

Property Value

[string](#)

LatestVersionStatusP

```
public string LatestVersionStatusP { get; set; }
```

Property Value

[string](#)

MemoryP

```
public string MemoryP { get; set; }
```

Property Value

[string](#) ↗

OSP

```
public string OSP { get; set; }
```

Property Value

[string](#) ↗

OSVersionP

```
public string OSVersionP { get; set; }
```

Property Value

[string](#) ↗

RegistryKey

```
public string RegistryKey { get; set; }
```

Property Value

[string](#) ↗

SetFunc

```
public Func<string, string, bool> SetFunc { get; set; }
```

Property Value

[Func](#) <[string](#), [string](#), [bool](#)>

SpecP

```
public string SpecP { get; set; }
```

Property Value

[string](#)

UpdatingChannelP

```
public string UpdatingChannelP { get; set; }
```

Property Value

[string](#)

UsernameP

```
public string UsernameP { get; set; }
```

Property Value

[string](#)

WithSecureP

```
public string WithSecureP { get; set; }
```

Property Value

[string](#)

Methods

Create()

```
public static IAppSettings Create()
```

Returns

[IAppSettings](#)

DeleteAll()

```
public void DeleteAll()
```

Get(string, string)

```
public string Get(string key, string defaultString = "")
```

Parameters

key [string](#)

defaultString [string](#)

Returns

[string](#)

GetInstance()

```
public static IAppSettings GetInstance()
```

Returns

[IAppSettings](#)

IsBetaChannelP()

```
public bool IsBetaChannelP()
```

Returns

[bool](#) ↗

IsDevelopChannelP()

```
public bool IsDevelopChannelP()
```

Returns

[bool](#) ↗

IsLatestVersionStatusDownloadedP()

```
public bool IsLatestVersionStatusDownloadedP()
```

Returns

[bool](#) ↗

IsLatestVersionStatusOkP()

```
public bool IsLatestVersionStatusOkP()
```

Returns

[bool](#)

IsLatestVersionStatusUnlaunchableP()

```
public bool IsLatestVersionStatusUnlaunchableP()
```

Returns

[bool](#)

IsStableChannelP()

```
public bool IsStableChannelP()
```

Returns

[bool](#)

IsTestChannelP()

```
public bool IsTestChannelP()
```

Returns

[bool](#)

Set(string, string)

```
public bool Set(string key, string value)
```

Parameters

key [string](#)

value [string](#)

Returns

[bool](#)

SetBetaChannelP()

```
public void SetBetaChannelP()
```

SetDevelopChannelP()

```
public void SetDevelopChannelP()
```

SetLatestVersionStatusDownloadedP()

```
public void SetLatestVersionStatusDownloadedP()
```

SetLatestVersionStatusOkP()

```
public void SetLatestVersionStatusOkP()
```

SetLatestVersionStatusUnlaunchableP()

```
public void SetLatestVersionStatusUnlaunchableP()
```

SetStableChannelP()

```
public void SetStableChannelP()
```

SetTestChannelP()

```
public void SetTestChannelP()
```

Class FakeSettingsTest

Namespace: [Test.SharedLib.Model.Settings](#)

Assembly: Test.dll

FakeSettingsのテストクラス

```
public class FakeSettingsTest
```

Inheritance

[object](#) ← FakeSettingsTest

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TRong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool> >, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

AccessTokenPTest()

```
[Fact]  
public void AccessTokenPTest()
```

CDrivePTest()

```
[Fact]  
public void CDrivePTest()
```

CpuNamePTest()

```
[Fact]
public void CpuNamePTest()
```

CurrentVersionPTest()

```
[Fact]
public void CurrentVersionPTest()
```

DeviceIdPTest()

```
[Fact]
public void DeviceIdPTest()
```

FirstHostnamePTest()

```
[Fact]
public void FirstHostnamePTest()
```

HostnamePTest()

```
[Fact]
public void HostnamePTest()
```

IsBetaChannelPTest()

```
[Fact]
public void IsBetaChannelPTest()
```

IsDevelopChannelPTest()

```
[Fact]
public void IsDevelopChannelPTest()
```

IsStableChannelPTest()

```
[Fact]
public void IsStableChannelPTest()
```

IsTestChannelPTest()

```
[Fact]
public void IsTestChannelPTest()
```

LabelIdPTest()

```
[Fact]
public void LabelIdPTest()
```

LastDirNamePTest()

```
[Fact]
public void LastDirNamePTest()
```

LastVersionDirPathPTest()

```
[Fact]
public void LastVersionDirPathPTest()
```

LastVersionExeNamePTest()

```
[Fact]
public void LastVersionExeNamePTest()
```

LastVersionExePathPTest()

```
[Fact]
public void LastVersionExePathPTest()
```

LatestDirNamePTest()

```
[Fact]
public void LatestDirNamePTest()
```

LatestVersionDirPathPTest()

```
[Fact]
public void LatestVersionDirPathPTest()
```

LatestVersionExeNamePTest()

```
[Fact]
public void LatestVersionExeNamePTest()
```

LatestVersionExePathPTest()

```
[Fact]
public void LatestVersionExePathPTest()
```

LatestVersionStatusPTest()

```
[Fact]
public void LatestVersionStatusPTest()
```

MemoryPTest()

```
[Fact]
public void MemoryPTest()
```

OSPTest()

```
[Fact]
public void OSPTest()
```

OSVersionPTest()

```
[Fact]
public void OSVersionPTest()
```

SetBetaChannelPTest()

```
[Fact]
public void SetBetaChannelPTest()
```

SetDevelopChannelPTest()

```
[Fact]
public void SetDevelopChannelPTest()
```

SetLatestVersionStatusDownloadedPTest()

```
[Fact]
public void SetLatestVersionStatusDownloadedPTest()
```

SetLatestVersionStatusOkPTest()

```
[Fact]
public void SetLatestVersionStatusOkPTest()
```

SetLatestVersionStatusUnlaunchablePTest()

```
[Fact]
public void SetLatestVersionStatusUnlaunchablePTest()
```

SetStableChannelPTest()

```
[Fact]
public void SetStableChannelPTest()
```

SetTestChannelPTest()

```
[Fact]
public void SetTestChannelPTest()
```

SpecPTest()

```
[Fact]
public void SpecPTest()
```

UpdatingChannelPTest()

```
[Fact]  
public void UpdatingChannelPTest()
```

UsernamePTest()

```
[Fact]  
public void UsernamePTest()
```

WithSecurePTest()

```
[Fact]  
public void WithSecurePTest()
```

Class RootSettingsTest

Namespace: [Test.SharedLib.Model.Settings](#)

Assembly: Test.dll

```
public class RootSettingsTest
```

Inheritance

[object](#) ← RootSettingsTest

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

AccessTokenPTest()

```
[Fact]  
public void AccessTokenPTest()
```

CDrivePTest()

```
[Fact]  
public void CDrivePTest()
```

CpuNamePTest()

```
[Fact]
public void CpuNamePTest()
```

CurrentVersionPTest()

```
[Fact]
public void CurrentVersionPTest()
```

DeviceIdPTest()

```
[Fact]
public void DeviceIdPTest()
```

FirstHostnamePTest()

```
[Fact]
public void FirstHostnamePTest()
```

HostnamePTest()

```
[Fact]
public void HostnamePTest()
```

IsBetaChannelPTest()

```
[Fact]
public void IsBetaChannelPTest()
```

IsDevelopChannelPTest()

```
[Fact]
public void IsDevelopChannelPTest()
```

IsStableChannelPTest()

```
[Fact]
public void IsStableChannelPTest()
```

IsStableChannelPTest2()

```
[Fact]
public void IsStableChannelPTest2()
```

IsTestChannelPTest()

```
[Fact]
public void IsTestChannelPTest()
```

LabelIdPTest()

```
[Fact]
public void LabelIdPTest()
```

MemoryPTest()

```
[Fact]
public void MemoryPTest()
```

OSPTest()

```
[Fact]
public void OSPTest()
```

OSVersionPTest()

```
[Fact]
public void OSVersionPTest()
```

SetBetaChannelPTest()

```
[Fact]
public void SetBetaChannelPTest()
```

SetDevelopChannelPTest()

```
[Fact]
public void SetDevelopChannelPTest()
```

SetStableChannelPTest()

```
[Fact]
public void SetStableChannelPTest()
```

SetTestChannelPTest()

```
[Fact]
public void SetTestChannelPTest()
```

SpecPTest()

```
[Fact]
public void SpecPTest()
```

UpdatingChannelPTest()

```
[Fact]
public void UpdatingChannelPTest()
```

UsernamePTest()

```
[Fact]
public void UsernamePTest()
```

WithSecurePTest()

```
[Fact]
public void WithSecurePTest()
```

Namespace Test.SharedLib.Procedure

Classes

[CertificateInstallerTests](#)

[FakeProcedure](#)

IProcedureのFake実装

[FakeProcedureTests](#)

[LocalMachineInfoUpdaterTests](#)

[RegistryInitializerTests](#)

Interfaces

[IFakeProcedure](#)

Class CertificateInstallerTests

Namespace: [Test.SharedLib.Procedure](#)

Assembly: Test.dll

```
public class CertificateInstallerTests
```

Inheritance

[object](#) ← CertificateInstallerTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestRun()

```
[Fact]  
public void TestRun()
```

Class FakeProcedure

Namespace: [Test.SharedLib.Procedure](#)

Assembly: Test.dll

IProcedureのFake実装

```
public class FakeProcedure : IFakeProcedure, IProcedure
```

Inheritance

[object](#) ← FakeProcedure

Implements

[IFakeProcedure](#), [IProcedure](#)

Derived

[FakeExecuter](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsNotNullSameReferenceAs<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) .

Constructors

FakeProcedure()

```
public FakeProcedure()
```

Properties

RunCount

Runメソッドが呼ばれた回数

```
public int RunCount { get; set; }
```

Property Value

[int](#)

Methods

Run()

```
public Task Run()
```

Returns

[Task](#)

Class FakeProcedureTests

Namespace: [Test.SharedLib.Procedure](#)

Assembly: Test.dll

```
public class FakeProcedureTests
```

Inheritance

[object](#) ← FakeProcedureTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestRun()

```
[Fact]  
public Task TestRun()
```

Returns

[Task](#)

Interface IFakeProcedure

Namespace: [Test.SharedLib.Procedure](#)

Assembly: Test.dll

```
public interface IFakeProcedure : IProcedure
```

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotStructuralEqual\(object, object, string\)](#) , [AssertEx.IsStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNot<T>\(T, T\)](#) , [AssertEx.IsNot<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Properties

RunCount

```
int RunCount { get; set; }
```

Property Value

[int](#)

Methods

Run()

```
Task Run()
```

Returns

[Task](#)

Class LocalMachineInfoUpdaterTests

Namespace: [Test.SharedLib.Procedure](#)

Assembly: Test.dll

```
public class LocalMachineInfoUpdaterTests
```

Inheritance

[object](#) ← LocalMachineInfoUpdaterTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestRun()

```
[Fact]  
public Task TestRun()
```

Returns

[Task](#)

Class RegistryInitializerTests

Namespace: [Test.SharedLib.Procedure](#)

Assembly: Test.dll

```
public class RegistryInitializerTests
```

Inheritance

[object](#) ← RegistryInitializerTests

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[AssertEx.IsInstanceOf<TExpected>\(object\)](#) , [AssertEx.IsNotInstanceOf<TWrong>\(object\)](#) ,
[AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) , [AssertEx.IsNotNullStructuralEqual\(object, object, string\)](#) ,
[AssertEx.AsDynamic<T>\(T\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) , [AssertEx.IsNotSameReferenceAs<T>\(T, T\)](#) ,
[AssertEx.IsNotNull<T>\(T, T\)](#) , [AssertEx.IsNotNull<T>\(T, T, IEqualityComparer<T>\)](#) , [AssertEx.IsNotNull<T>\(T\)](#) ,
[AssertEx.IsSameReferenceAs<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, Expression<Func<T, bool>>, string\)](#) ,
[AssertEx.Is<T>\(T, T\)](#) , [AssertEx.Is<T>\(T, T, IEqualityComparer<T>\)](#)

Methods

TestRun()

```
[Fact]  
public void TestRun()
```

Namespace Xunit

Classes

[AssertEx](#)

Class AssertEx

Namespace: [Xunit](#)

Assembly: Test.dll

```
[ContractVerification(false)]
public static class AssertEx
```

Inheritance

[object](#) ← AssertEx

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

AsDynamic<T>(T)

to DynamicAccessor that can call private method/field/property/indexer.

```
public static dynamic AsDynamic<T>(this T target)
```

Parameters

target T

Returns

dynamic

Type Parameters

T

IsFalse(bool)

Is(false)

```
public static void IsFalse(this bool value)
```

Parameters

value bool ↗

IsInstanceOf<TExpected>(object)

Assert.IsType

```
public static TExpected IsInstanceOf<TExpected>(this object value)
```

Parameters

value object ↗

Returns

TExpected

Type Parameters

TExpected

IsNotInstanceOf<TWrong>(object)

Assert.IsNotNullType

```
public static void IsNotInstanceOf<TWrong>(this object value)
```

Parameters

value object ↗

Type Parameters

Twrong

IsNotNull<T>(T)

Assert.NotNull

```
public static void IsNotNull<T>(this T value)
```

Parameters

value T

Type Parameters

T

IsNotSameReferenceAs<T>(T, T)

Assert.NotSame

```
public static void IsNotSameReferenceAs<T>(this T actual, T notExpected)
```

Parameters

actual T

notExpected T

Type Parameters

T

IsNotStructuralEqual(object, object, string)

Assert by deep recursive value equality compare

```
public static void IsNotStructuralEqual(this object actual, object expected, string message
= "")
```

Parameters

actual [object](#)

expected [object](#)

message [string](#)

IsNot<T>(IEnumerable<T>, IEnumerable<T>)

Assert.AreEqual(sequence value compare)

```
public static void IsNot<T>(this IEnumerable<T> actual, IEnumerable<T> notExpected)
```

Parameters

actual [IEnumerable](#)<T>

notExpected [IEnumerable](#)<T>

Type Parameters

T

IsNot<T>(IEqualityComparer<T>, IEnumerable<T>, IEnumerable<T>)

Assert.AreEqual(actual.SequenceEqual(notExpected, comparer))

```
public static void IsNot<T>(this IEnumerable<T> actual, IEnumerable<T> notExpected,
IEqualityComparer<T> comparer)
```

Parameters

actual [IEnumerable](#)<T>

notExpected [IEnumerable](#)<T>

comparer [IEqualityComparer](#)<T>

Type Parameters

T

IsNot<T>(IEnumerable<T>, IEnumerable<T>, Func<T, T, bool>)

Assert.False(actual.SequenceEqual(notExpected, comparison))

```
public static void IsNot<T>(this IEnumerable<T> actual, IEnumerable<T> notExpected, Func<T, T, bool> equalityComparison)
```

Parameters

actual [IEnumerable](#)<T>

notExpected [IEnumerable](#)<T>

equalityComparison [Func](#)<T, T, bool>

Type Parameters

T

IsNot<T>(IEnumerable<T>, params T[])

Assert.NotEqual(sequence value compare)

```
public static void IsNot<T>(this IEnumerable<T> actual, params T[] notExpected)
```

Parameters

actual [IEnumerable](#)<T>

notExpected T[]

Type Parameters

T

IsNot<T>(T, T)

Assert.NotEqual, if T is IEnumerable then check value equality

```
public static void IsNot<T>(this T actual, T notExpected)
```

Parameters

actual T

notExpected T

Type Parameters

T

IsNot<T>(T, T, IEqualityComparer<T>)

Assert.NotEqual

```
public static void IsNot<T>(this T actual, T notExpected, IEqualityComparer<T> comparer)
```

Parameters

actual T

notExpected T

comparer [IEqualityComparer](#)<T>

Type Parameters

T

IsNull<T>(T)

Assert.Null

```
public static void IsNull<T>(this T value)
```

Parameters

value T

Type Parameters

T

IsSameReferenceAs<T>(T, T)

Assert.Same

```
public static void IsSameReferenceAs<T>(this T actual, T expected)
```

Parameters

actual T

expected T

Type Parameters

T

IsStructuralEqual(object, object, string)

Assert by deep recursive value equality compare

```
public static void IsStructuralEqual(this object actual, object expected, string message  
= "")
```

Parameters

actual [object](#)

expected [object](#)

message [string](#)

IsTrue(bool)

Is(true)

```
public static void IsTrue(this bool value)
```

Parameters

value [bool](#)

Is<T>(IEnumerable<T>, IEnumerable<T>)

Assert.Equal(sequence value compare)

```
public static void Is<T>(this IEnumerable<T> actual, IEnumerable<T> expected)
```

Parameters

actual [IEnumerable](#)<T>

expected [IEnumerable](#)<T>

Type Parameters

T

Is<T>(IEnumerable<T>, IEnumerable<T>, IEqualityComparer<T>)

Assert.True(actual.SequenceEqual(expected, comparer))

```
public static void Is<T>(this IEnumerable<T> actual, IEnumerable<T> expected,  
IEqualityComparer<T> comparer)
```

Parameters

actual [IEnumerable](#)<T>

expected [IEnumerable](#)<T>

comparer [IEqualityComparer](#)<T>

Type Parameters

T

Is<T>(IEnumerable<T>, IEnumerable<T>, Func<T, T, bool>)

Assert.True(actual.SequenceEqual(expected, comparison))

```
public static void Is<T>(this IEnumerable<T> actual, IEnumerable<T> expected, Func<T, T,  
bool> equalityComparison)
```

Parameters

actual [IEnumerable](#)<T>

expected [IEnumerable](#)<T>

equalityComparison [Func](#)<T, T, [bool](#)>

Type Parameters

T

Is<T>(IEnumerable<T>, params T[])

Assert.Equal(sequence value compare)

```
public static void Is<T>(this IEnumerable<T> actual, params T[] expected)
```

Parameters

actual [IEnumerable](#)<T>

expected T[]

Type Parameters

T

Is<T>(T, Expression<Func<T, bool>>, string)

Assert.True(predicate(value))

```
public static void Is<T>(this T value, Expression<Func<T, bool>> predicate, string message
= "")
```

Parameters

value T

predicate [Expression](#)<[Func](#)<T, [bool](#)>>

message [string](#)

Type Parameters

T

Is<T>(T, T)

Assert.Equal, if T is IEnumerable then compare value equality

```
public static void Is<T>(this T actual, T expected)
```

Parameters

actual T

expected T

Type Parameters

T

Is<T>(T, T, IEqualityComparer<T>)

Assert.Equal

```
public static void Is<T>(this T actual, T expected, IEqualityComparer<T> comparer)
```

Parameters

actual T

expected T

comparer [IEqualityComparer](#)<T>

Type Parameters

T