Namespace ApiGateway

Classes

Configuration

Utility

Class Configuration

Namespace: ApiGateway

Assembly: ApiGateway.dll

```
public class Configuration
```

Inheritance

object ← Configuration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

USE_CORS

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

Property Value

string

Class Utility

Namespace: ApiGateway

Assembly: ApiGateway.dll

```
public static class Utility
```

Inheritance

object ← Utility

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

MergeJsonFiles(string[], string)

```
public static void MergeJsonFiles(string[] filePaths, string outputPath)
```

Parameters

`filePaths` string[]

`outputPath` string

Namespace ApiGateway.Middlewares

Classes

TokenFromQueryMiddleware

Class TokenFromQueryMiddleware

Namespace: ApiGateway.Middlewares

Assembly: ApiGateway.dll

```
public class TokenFromQueryMiddleware
```

Inheritance

object ← TokenFromQueryMiddleware

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

TokenFromQueryMiddleware(RequestDelegate)

```
public TokenFromQueryMiddleware(RequestDelegate next)
```

Parameters

`next` RequestDelegate

Methods

Invoke(HttpContext)

```
public Task Invoke(HttpContext context)
```

Parameters

`context` HttpContext

Returns

Task

Namespace Authentication

Classes

CustomAuthExtension

Class CustomAuthExtension

Namespace: Authentication

Assembly: Authentication.dll

```
public static class CustomAuthExtension
```

Inheritance

object ← CustomAuthExtension

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

AddCustomAuthentication(IServiceCollection, JwtSettings)

```
public static IServiceCollection AddCustomAuthentication(this IServiceCollection
services, JwtSettings jwtSettings)
```

Parameters

`services` IServiceCollection

`jwtSettings` JwtSettings

Returns

IServiceCollection

ConfigureIdentityServices(IServiceCollection, IConfiguration)

```
public static IServiceCollection ConfigureIdentityServices(this IServiceCollection
services, IConfiguration configuration)
```

Parameters

`services` IServiceCollection

`configuration` IConfiguration

Returns

IServiceCollection

UseIdentity(IApplicationBuilder)

```
public static IApplicationBuilder UseIdentity(this IApplicationBuilder app)
```

Parameters

`app` IApplicationBuilder

Returns

IApplicationBuilder

Namespace Authentication.Identity

Classes

Policy

Roles

Class Policy

Namespace: Authentication.Identity

Assembly: Authentication.dll

```
public static class Policy
```

Inheritance

object ← Policy

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Fields

REQUIRE_ADMIN_ROLE

```
public const string REQUIRE_ADMIN_ROLE = "RequireAdminRole"
```

Field Value

string

REQUIRE_CLIENT_ROLE

```
public const string REQUIRE_CLIENT_ROLE = "RequireClientRole"
```

Field Value

string

REQUIRE_MANAGER_ROLE

```
public const string REQUIRE_MANAGER_ROLE = "RequireManagerRole"
```

Field Value

string

Class Roles

Namespace: Authentication.Identity

Assembly: Authentication.dll

```
public static class Roles
```

Inheritance

object ← Roles

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Fields

ADMINISTRATOR

```
public const string ADMINISTRATOR = "Administrator"
```

Field Value

string

CLIENT

```
public const string CLIENT = "Client"
```

Field Value

string

MANAGER

```
public const string MANAGER = "Manager"
```

Field Value

string

Namespace Authentication.Models

Classes

AccessTokenData

Class AccessTokenData

Namespace: Authentication.Models

Assembly: Authentication.dll

```
public class AccessTokenData
```

Inheritance

object ← AccessTokenData

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AccessToken

```
public string? AccessToken { get; set; }
```

Property Value

string

RefreshToken

```
public string? RefreshToken { get; set; }
```

Property Value

string

RefreshTokenExpiryDate

```
public DateTime RefreshTokenExpiryDate { get; set; }
```

Property Value

DateTime

Namespace Authentication.OAuth

Enums

OAuthLoginProvider

Enum OAuthLoginProvider

Namespace: Authentication.OAuth

Assembly: Authentication.dll

```
public enum OAuthLoginProvider
```

Fields

`Google = 0`

Namespace Authentication.OAuth.Google

Classes

GoogleOAuthSettings

GoogleOAuthTokenResult

GoogleTokenValidator

Interfaces

IGoogleTokenValidator

Class GoogleOAuthSettings

Namespace: Authentication.OAuth.Google

Assembly: Authentication.dll

```
public class GoogleOAuthSettings
```

Inheritance

object ← GoogleOAuthSettings

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ClientId

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

Property Value

string

ClientSecret

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

Property Value

string

Scope

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

Property Value

string

Class GoogleOAuthTokenResult

Namespace: Authentication.OAuth.Google

Assembly: Authentication.dll

```
public class GoogleOAuthTokenResult
```

Inheritance

object ← GoogleOAuthTokenResult

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AccessToken

```
[JsonProperty("access_token")]
public string AccessToken { get; set; }
```

Property Value

string

ExpiresInSeconds

```
[JsonProperty("expires_in")]
public double ExpiresInSeconds { get; set; }
```

Property Value

double

IdToken

```
[JsonProperty("id_token")]
public string IdToken { get; set; }
```

Property Value

string

RefreshToken

```
[JsonProperty("refresh_token")]
public string RefreshToken { get; set; }
```

Property Value

string

Scope

```
[JsonProperty("scope")]
public string Scope { get; set; }
```

Property Value

string

TokenType

```
[JsonProperty("token_type")]
public string TokenType { get; set; }
```

Property Value

string

Class GoogleTokenValidator

Namespace: Authentication.OAuth.Google

Assembly: Authentication.dll

```
public class GoogleTokenValidator : IGoogleTokenValidator
```

Inheritance

object ← GoogleTokenValidator

Implements

IGoogleTokenValidator

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

ValidateAsync(string, ValidationSettings)

```
public Task<GoogleJsonWebSignature.Payload> ValidateAsync(string idToken,
GoogleJsonWebSignature.ValidationSettings settings)
```

Parameters

`idToken` string

`settings` GoogleJsonWebSignature.ValidationSettings

Returns

Task<GoogleJsonWebSignature.Payload>

Interface IGoogleTokenValidator

Namespace: Authentication.OAuth.Google

Assembly: Authentication.dll

```
public interface IGoogleTokenValidator
```

Methods

ValidateAsync(string, ValidationSettings)

```
Task<GoogleJsonWebSignature.Payload> ValidateAsync(string idToken,
GoogleJsonWebSignature.ValidationSettings settings)
```

Parameters

`idToken` string

`settings` GoogleJsonWebSignature.ValidationSettings

Returns

Task<GoogleJsonWebSignature.Payload>

Namespace Authentication.Token

Classes

JwtConfiguration

JwtHandler

JwtSettings

Interfaces

ITokenHandler

Interface ITokenHandler

Namespace: Authentication.Token

Assembly: Authentication.dll

```
public interface ITokenHandler
```

Methods

CreateToken<TKey>(IdentityUser<TKey>, IList<string>)

```
AccessTokenData CreateToken<TKey>(IdentityUser<TKey> user, IList<string> roles)
where TKey : IEquatable<TKey>
```

Parameters

`user` IdentityUser<TKey>

`roles` IList<string>

Returns

AccessTokenData

Type Parameters

`TKey`

GetPrincipalFromExpiredToken(string)

```
ClaimsPrincipal GetPrincipalFromExpiredToken(string token)
```

Parameters

`token` string

Returns

ClaimsPrincipal

Class JwtConfiguration

Namespace: Authentication.Token

Assembly: Authentication.dll

```
public static class JwtConfiguration
```

Inheritance

object ← JwtConfiguration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

JWT_SETTINGS_AUDIENCE

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

Property Value

string

JWT_SETTINGS_EXPIRY_IN_MINUTES

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

Property Value

string

JWT_SETTINGS_ISSUER

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

Property Value

string

JWT_SETTINGS_KEY

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

Property Value

string

Class JwtHandler

Namespace: Authentication.Token

Assembly: Authentication.dll

```
public class JwtHandler : ITokenHandler
```

Inheritance

object ← JwtHandler

Implements

ITokenHandler

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

JwtHandler(JwtSettings)

```
public JwtHandler(JwtSettings jwtSettings)
```

Parameters

`jwtSettings` JwtSettings

Methods

CreateToken<TKey>(IdentityUser<TKey>, IList<string>)

```
public AccessTokenData CreateToken<TKey>(IdentityUser<TKey> user, IList<string>
roles) where TKey : IEquatable<TKey>
```

Parameters

`user` IdentityUser<TKey>

`roles` IList<string>

Returns

AccessTokenData

Type Parameters

`TKey`

GetPrincipalFromExpiredToken(string)

```
public ClaimsPrincipal GetPrincipalFromExpiredToken(string token)
```

Parameters

`token` string

Returns

ClaimsPrincipal

Class JwtSettings

Namespace: Authentication.Token

Assembly: Authentication.dll

```
public class JwtSettings
```

Inheritance

object ← JwtSettings

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Audience

```
public virtual string Audience { get; set; }
```

Property Value

string

ExpiryInMinutes

```
public virtual double ExpiryInMinutes { get; set; }
```

Property Value

double

Issuer

```
public virtual string Issuer { get; set; }
```

Property Value

string

Key

```
public virtual string Key { get; set; }
```

Property Value

string

Namespace Caching

Classes

CacheExtensions

OutputCachePolicy

ServiceCollectionExtensions

Class CacheExtensions

Namespace: Caching

Assembly: Caching.dll

```
public static class CacheExtensions
```

Inheritance

object ← CacheExtensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

SetOutputCachePolicy(OutputCacheOptions, string, TimeSpan?, bool, Type?)

```
public static void SetOutputCachePolicy(this OutputCacheOptions options, string
name, TimeSpan? duration = null, bool useAuthId = false, Type? type = null)
```

Parameters

`options` OutputCacheOptions

`name` string

`duration` TimeSpan?

`useAuthId` bool

`type` Type

TryGetAsync<T>(ICacheService, string, CancellationToken)

```
public static ValueTask<T?> TryGetAsync<T>(this ICacheService service, string key,
CancellationToken cancellationToken)
```

Parameters

`service` ICacheService

`key` string

`cancellationToken` CancellationToken

Returns

ValueTask<T>

Type Parameters

`T`

TrySetAsync<T>(ICacheService, string, T, TimeSpan, CancellationToken)

```
public static Task<bool> TrySetAsync<T>(this ICacheService service, string key, T
value, TimeSpan duration, CancellationToken cancellationToken)
```

Parameters

`service` ICacheService

`key` string

`value` T

`duration` TimeSpan

`cancellationToken` CancellationToken

Returns

Task<bool>

Type Parameters

T

Class OutputCachePolicy

Namespace: Caching

Assembly: Caching.dll

```
public sealed class OutputCachePolicy : IOutputCachePolicy
```

Inheritance

object ← OutputCachePolicy

Implements

IOutputCachePolicy

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

OutputCachePolicy(TimeSpan?, bool, params string[])

```
public OutputCachePolicy(TimeSpan? duration = null, bool useAuthenticationId =
false, params string[] propertyNamesToCacheBy)
```

Parameters

`duration` TimeSpan?

`useAuthenticationId` bool

`propertyNamesToCacheBy` string[]

Methods

CacheRequestAsync(OutputCacheContext, CancellationToken)

```
public ValueTask CacheRequestAsync(OutputCacheContext context,
CancellationToken cancellationToken)
```

Parameters

`context` OutputCacheContext

`cancellationToken` CancellationToken

Returns

ValueTask

ServeFromCacheAsync(OutputCacheContext, CancellationToken)

```
public ValueTask ServeFromCacheAsync(OutputCacheContext context,
CancellationToken cancellationToken)
```

Parameters

`context` OutputCacheContext

`cancellationToken` CancellationToken

Returns

ValueTask

ServeResponseAsync(OutputCacheContext, CancellationToken)

```
public ValueTask ServeResponseAsync(OutputCacheContext context,
CancellationToken cancellationToken)
```

Parameters

`context` OutputCacheContext

`cancellationToken` CancellationToken

Returns

ValueTask

Class ServiceCollectionExtensions

Namespace: Caching

Assembly: Caching.dll

```
public static class ServiceCollectionExtensions
```

Inheritance

object ← ServiceCollectionExtensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

AddCachingHelper(IServiceCollection)

```
public static IServiceCollection AddCachingHelper(this IServiceCollection services)
```

Parameters

`services` IServiceCollection

Returns

IServiceCollection

Namespace Caching.Helpers

Classes

CachingHelper

Interfaces

ICachingHelper

Class CachingHelper

Namespace: Caching.Helpers

Assembly: Caching.dll

```
public class CachingHelper : ICachingHelper
```

Inheritance

object ← CachingHelper

Implements

ICachingHelper

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

GetCacheKey(string, HttpContext)

```
public string GetCacheKey(string prefix, HttpContext context)
```

Parameters

`prefix` string

`context` HttpContext

Returns

string

Interface ICachingHelper

Namespace: Caching.Helpers

Assembly: Caching.dll

```
public interface ICachingHelper
```

Methods

GetCacheKey(string, HttpContext)

```
string GetCacheKey(string prefix, HttpContext context)
```

Parameters

`prefix` string

`context` HttpContext

Returns

string

Namespace Caching.Services

Classes

InMemoryCacheService

Interfaces

ICacheService

Interface ICacheService

Namespace: Caching.Services

Assembly: Caching.dll

```
public interface ICacheService
```

Extension Methods
CacheExtensions.TryGetAsync<T>(ICacheService, string, CancellationToken) , CacheExtensions.TrySetAsync<T>(ICacheService, string, T, TimeSpan, CancellationToken)

Methods

GetAsync(string, CancellationToken)

```
ValueTask<string?> GetAsync(string key, CancellationToken cancellationToken)
```

Parameters

`key` string

`cancellationToken` CancellationToken

Returns

ValueTask<string>

RemoveKeyAsync(string, CancellationToken)

```
ValueTask<bool> RemoveKeyAsync(string key, CancellationToken cancellationToken)
```

Parameters

`key` string

`cancellationToken` CancellationToken

Returns

ValueTask<bool>

SetAsync(string, string, TimeSpan, CancellationToken)

```
Task<bool> SetAsync(string key, string value, TimeSpan duration,
CancellationToken cancellationToken)
```

Parameters

`key` string

`value` string

`duration` TimeSpan

`cancellationToken` CancellationToken

Returns

Task<bool>

Class InMemoryCacheService

Namespace: Caching.Services

Assembly: Caching.dll

```
public class InMemoryCacheService : ICacheService
```

Inheritance

object ← InMemoryCacheService

Implements

ICacheService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Extension Methods

CacheExtensions.TryGetAsync<T>(ICacheService, string, CancellationToken) , CacheExtensions.TrySetAsync<T>(ICacheService, string, T, TimeSpan, CancellationToken)

Constructors

InMemoryCacheService(IMemoryCache, ILogger<InMemoryCacheService>)

```
public InMemoryCacheService(IMemoryCache memoryCache, ILogger<InMemoryCacheService>
logger)
```

Parameters

`memoryCache` IMemoryCache

`logger` ILogger<InMemoryCacheService>

Methods

GetAsync(string, CancellationToken)

```
public ValueTask<string?> GetAsync(string key, CancellationToken cancellationToken)
```

Parameters

`key` string

`cancellationToken` CancellationToken

Returns

ValueTask<string>

RemoveKeyAsync(string, CancellationToken)

```
public ValueTask<bool> RemoveKeyAsync(string key, CancellationToken
cancellationToken)
```

Parameters

`key` string

`cancellationToken` CancellationToken

Returns

ValueTask<bool>

SetAsync(string, string, TimeSpan, CancellationToken)

```
public Task<bool> SetAsync(string key, string value, TimeSpan duration,
CancellationToken cancellationToken)
```

Parameters

`key` string

`value` string

`duration` TimeSpan

`cancellationToken` CancellationToken

Returns

Task<bool>

Namespace DatabaseControl

Classes

ApplicationBuilderExstensions

DatabaseConfiguration

ServiceCollectionExtensions

Class ApplicationBuilderExstensions

Namespace: DatabaseControl

Assembly: DatabaseControl.dll

```
public static class ApplicationBuilderExstensions
```

Inheritance

object ← ApplicationBuilderExstensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

ConfigureDatabaseAsync<TContext> (IApplicationBuilder, CancellationToken)

```
public static Task<IApplicationBuilder> ConfigureDatabaseAsync<TContext>(this
IApplicationBuilder builder, CancellationToken cancellationToken) where TContext
: DbContext
```

Parameters

`builder` IApplicationBuilder

`cancellationToken` CancellationToken

Returns

Task<IApplicationBuilder>

Type Parameters

`TContext`

Class DatabaseConfiguration

Namespace: DatabaseControl

Assembly: DatabaseControl.dll

```
public static class DatabaseConfiguration
```

Inheritance

object ← DatabaseConfiguration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

REPOSITORY_RESILIENCE_PIPELINE

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

Property Value

string

Class ServiceCollectionExtensions

Namespace: DatabaseControl

Assembly: DatabaseControl.dll

```
public static class ServiceCollectionExtensions
```

Inheritance

object ← ServiceCollectionExtensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

AddDbContextFactory<Context>(IServiceCollection, string, string?, Action<NpgsqlDbContextOptionsBuilder>?, Action<DbContextOptionsBuilder>?)

```
public static IServiceCollection AddDbContextFactory<Context>(this
IServiceCollection services, string connectionString, string? migrationAssembly =
null, Action<NpgsqlDbContextOptionsBuilder>? dbAdditionalConfig = null,
Action<DbContextOptionsBuilder>? additionalConfig = null) where Context : DbContext
```

Parameters

`services` IServiceCollection

`connectionString` string

`migrationAssembly` string

`dbAdditionalConfig` Action<NpgsqlDbContextOptionsBuilder>

`additionalConfig` Action<DbContextOptionsBuilder>

Returns

IServiceCollection

Type Parameters

`Context`

AddRepositoryPatternWithResilience<Context> (IServiceCollection, IConfiguration)

```
public static IServiceCollection AddRepositoryPatternWithResilience<Context>(this
IServiceCollection services, IConfiguration configuration) where Context : DbContext
```

Parameters

`services` IServiceCollection

`configuration` IConfiguration

Returns

IServiceCollection

Type Parameters

`Context`

Namespace EventSourcing

Classes

EventDispatcher

Interfaces

IEventDispatcher

IEventHandler<TEvent>

Class EventDispatcher

Namespace: EventSourcing

Assembly: EventSourcing.dll

```
public class EventDispatcher : IEventDispatcher
```

Inheritance

object ← EventDispatcher

Implements

IEventDispatcher

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

EventDispatcher(IServiceProvider)

```
public EventDispatcher(IServiceProvider serviceProvider)
```

Parameters

`serviceProvider` IServiceProvider

Methods

DispatchAsync<TEvent>(TEvent, CancellationToken)

```
public Task DispatchAsync<TEvent>(TEvent @event, CancellationToken
cancellationToken)
```

Parameters

`event` TEvent

`cancellationToken` CancellationToken

Returns

Task

Type Parameters

`TEvent`

Interface IEventDispatcher

Namespace: EventSourcing

Assembly: EventSourcing.dll

```
public interface IEventDispatcher
```

Methods

DispatchAsync<TEvent>(TEvent, CancellationToken)

```
Task DispatchAsync<TEvent>(TEvent @event, CancellationToken cancellationToken)
```

Parameters

`event` TEvent

`cancellationToken` CancellationToken

Returns

Task

Type Parameters

`TEvent`

Interface IEventHandler<TEvent>

Namespace: EventSourcing

Assembly: EventSourcing.dll

```
public interface IEventHandler<TEvent>
```

Type Parameters

`TEvent`

Methods

HandleAsync(TEvent, CancellationToken)

```
Task HandleAsync(TEvent @event, CancellationToken cancellationToken)
```

Parameters

`event` TEvent

`cancellationToken` CancellationToken

Returns

Task

Namespace ExceptionHandling

Classes

AuthorizationException

ExceptionMiddleware

ExceptionMiddlewareExtensions

ResponseError

ServiceCollectionExtensions

Class AuthorizationException

Namespace: ExceptionHandling

Assembly: ExceptionHandling.dll

```
public class AuthorizationException : Exception, ISerializable
```

Inheritance

object ← Exception ← AuthorizationException

Implements

ISerializable

Inherited Members

Exception.GetBaseException() , Exception.GetType() , 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)

Constructors

AuthorizationException(IEnumerable<string>)

```
public AuthorizationException(IEnumerable<string> errors)
```

Parameters

`errors` IEnumerable<string>

Properties

Errors

```
public IEnumerable<string> Errors { get; }
```

Property Value

IEnumerable<string>

Methods

ToString()

Creates and returns a string representation of the current exception.

```
public override string ToString()
```

Returns

string

A string representation of the current exception.

Class ExceptionMiddleware

Namespace: ExceptionHandling

Assembly: ExceptionHandling.dll

```
public class ExceptionMiddleware
```

Inheritance

object ← ExceptionMiddleware

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ExceptionMiddleware(RequestDelegate, ILogger)

```
public ExceptionMiddleware(RequestDelegate next, ILogger logger)
```

Parameters

`next` RequestDelegate

`logger` ILogger

Methods

InvokeAsync(HttpContext)

```
public Task InvokeAsync(HttpContext httpContext)
```

Parameters

`httpContext` HttpContext

Returns

Task

Class ExceptionMiddlewareExtensions

Namespace: ExceptionHandling

Assembly: ExceptionHandling.dll

```
public static class ExceptionMiddlewareExtensions
```

Inheritance

object ← ExceptionMiddlewareExtensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

UseExceptionMiddleware(IApplicationBuilder)

```
public static IApplicationBuilder UseExceptionMiddleware(this
IApplicationBuilder builder)
```

Parameters

`builder` IApplicationBuilder

Returns

IApplicationBuilder

Class ResponseError

Namespace: ExceptionHandling

Assembly: ExceptionHandling.dll

```
public class ResponseError
```

Inheritance

object ← ResponseError

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object)

Properties

Messages

```
public string[]? Messages { get; set; }
```

Property Value

string[]

StatusCode

```
public string? StatusCode { get; set; }
```

Property Value

string

Methods

ToString()

Returns a string that represents the current object.

```
public override string ToString()
```

Returns

string

A string that represents the current object.

Class ServiceCollectionExtensions

Namespace: ExceptionHandling

Assembly: ExceptionHandling.dll

```
public static class ServiceCollectionExtensions
```

Inheritance

object ← ServiceCollectionExtensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

ConfigureCustomInvalidModelStateResponseControllers(IServiceCollection)

```
public static IServiceCollection
ConfigureCustomInvalidModelStateResponseControllers(this IServiceCollection
services)
```

Parameters

`services` IServiceCollection

Returns

IServiceCollection

Namespace LibraryApi

Classes

AutoMapperProfile

Configuration

Class AutoMapperProfile

Namespace: LibraryApi

Assembly: LibraryApi.dll

```
public class AutoMapperProfile : Profile, IProfileExpression, IProfileConfiguration
```

Inheritance

object ← Profile ← AutoMapperProfile

Implements

IProfileExpression, IProfileConfiguration

Inherited Members

Profile.DisableConstructorMapping() , Profile.CreateProjection<TSource, TDestination>() , Profile.CreateProjection<TSource, TDestination>(MemberList) , Profile.CreateMap<TSource, TDestination>() , Profile.CreateMap<TSource, TDestination>(MemberList) , Profile.CreateMap(Type, Type) , Profile.CreateMap(Type, Type, MemberList) , Profile.ClearPrefixes() , Profile.ReplaceMemberName(string, string) , Profile.RecognizePrefixes(params string[]) , Profile.RecognizePostfixes(params string[]) , Profile.RecognizeDestinationPrefixes(params string[]) , Profile.RecognizeDestinationPostfixes(params string[]) , Profile.AddGlobalIgnore(string) , Profile.IncludeSourceExtensionMethods(Type) , Profile.ProfileName , Profile.AllowNullDestinationValues , Profile.AllowNullCollections , Profile.ShouldMapProperty , Profile.ShouldMapField , Profile.ShouldMapMethod , Profile.ShouldUseConstructor , Profile.SourceMemberNamingConvention , Profile.DestinationMemberNamingConvention , Profile.ValueTransformers , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AutoMapperProfile()

```
public AutoMapperProfile()
```

Class Configuration

Namespace: LibraryApi

Assembly: LibraryApi.dll

```
public static class Configuration
```

Inheritance

object ← Configuration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

EF_CREATE_DATABASE

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

Property Value

string

LIBRARY_DATABASE_CONNECTION_STRING

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

Property Value

string

Namespace LibraryApi.Controllers

Classes

AuthorController

BaseLibraryEntityController<TEntity, TGetResponse, TCreateRequest, TCreateResponse, TUpdateRequest, TUpdateResponse, TFilterRequest>

BookController

GenreController

PublisherController

Class AuthorController

Namespace: LibraryApi.Controllers

Assembly: LibraryApi.dll

```
[Authorize]
[Route("author")]
[ApiController]
public class AuthorController : BaseLibraryEntityController<Author,
AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest,
AuthorResponse, LibraryFilterRequest>
```

Inheritance

object ← ControllerBase ← BaseLibraryEntityController<Author, AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest, AuthorResponse, LibraryFilterRequest> ← AuthorController

Inherited Members

BaseLibraryEntityController<Author, AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest, AuthorResponse, LibraryFilterRequest>.entityService , BaseLibraryEntityController<Author, AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest, AuthorResponse, LibraryFilterRequest>.mapper , BaseLibraryEntityController<Author, AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest, AuthorResponse, LibraryFilterRequest>.GetById(int, CancellationToken) , BaseLibraryEntityController<Author, AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest, AuthorResponse, LibraryFilterRequest>.GetByIds(GetByIdsRequest, CancellationToken) , BaseLibraryEntityController<Author, AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest, AuthorResponse, LibraryFilterRequest>.GetPaginated(LibraryFilterRequest, CancellationToken) , BaseLibraryEntityController<Author, AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest, AuthorResponse, LibraryFilterRequest>.GetItemTotalAmount(LibraryFilterRequest, CancellationToken) , BaseLibraryEntityController<Author, AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest, AuthorResponse, LibraryFilterRequest>.Create(CreateAuthorRequest, CancellationToken) ,

BaseLibraryEntityController<Author, AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest, AuthorResponse, LibraryFilterRequest>.Update(UpdateAuthorRequest, CancellationToken) , BaseLibraryEntityController<Author, AuthorResponse, CreateAuthorRequest, AuthorResponse, UpdateAuthorRequest, AuthorResponse, LibraryFilterRequest>.DeleteById(int, CancellationToken) , ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) , ControllerBase.Content(string) , ControllerBase.Content(string, string) , ControllerBase.Content(string, string, Encoding) , ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() , ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) , ControllerBase.RedirectPermanent(string) , ControllerBase.RedirectPreserveMethod(string) , ControllerBase.RedirectPermanentPreserveMethod(string) , ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) , ControllerBase.LocalRedirectPreserveMethod(string) , ControllerBase.LocalRedirectPermanentPreserveMethod(string) , ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) , ControllerBase.RedirectToAction(string, object) , ControllerBase.RedirectToAction(string, string) , ControllerBase.RedirectToAction(string, string, object) , ControllerBase.RedirectToAction(string, string, string) , ControllerBase.RedirectToAction(string, string, object, string) , ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) , ControllerBase.RedirectToActionPermanent(string) , ControllerBase.RedirectToActionPermanent(string, object) , ControllerBase.RedirectToActionPermanent(string, string) , ControllerBase.RedirectToActionPermanent(string, string, string) , ControllerBase.RedirectToActionPermanent(string, string, object) , ControllerBase.RedirectToActionPermanent(string, string, object, string) , ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) , ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) , ControllerBase.RedirectToRoute(string, object) , ControllerBase.RedirectToRoute(string, string) , ControllerBase.RedirectToRoute(string, object, string) , ControllerBase.RedirectToRoutePreserveMethod(string, object, string) , ControllerBase.RedirectToRoutePermanent(string) , ControllerBase.RedirectToRoutePermanent(object) , ControllerBase.RedirectToRoutePermanent(string, object) , ControllerBase.RedirectToRoutePermanent(string, string) ,

ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,
ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) ,
ControllerBase.AcceptedAtRoute(string, object) ,
ControllerBase.AcceptedAtRoute(object, object) ,
ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() ,
ControllerBase.Challenge(params string[]) ,
ControllerBase.Challenge(AuthenticationProperties) ,
ControllerBase.Challenge(AuthenticationProperties, params string[]) ,
ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) ,
ControllerBase.Forbid(AuthenticationProperties) ,

ControllerBase.Forbid(AuthenticationProperties, params string[]) , ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) , ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) , ControllerBase.SignOut(params string[]) , ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AuthorController(ILibraryEntityService<Author>, IMapper)

```
public AuthorController(ILibraryEntityService<Author> entityService, IMapper mapper)
```

Parameters

`entityService` ILibraryEntityService<Author>

`mapper` IMapper

Class BaseLibraryEntityController<TEntity, TGetResponse, TCreateRequest, TCreateResponse, TUpdateRequest, TUpdateResponse, TFilterRequest>

Namespace: LibraryApi.Controllers

Assembly: LibraryApi.dll

```
[Authorize]
[ApiController]
public abstract class BaseLibraryEntityController<TEntity, TGetResponse,
TCreateRequest, TCreateResponse, TUpdateRequest, TUpdateResponse, TFilterRequest>
: ControllerBase where TEntity : BaseLibraryEntity where TFilterRequest
: LibraryFilterRequest
```

Type Parameters

`TEntity`

`TGetResponse`

`TCreateRequest`

`TCreateResponse`

`TUpdateRequest`

`TUpdateResponse`

`TFilterRequest`

Inheritance

object ← ControllerBase ← BaseLibraryEntityController<TEntity, TGetResponse, TCreateRequest, TCreateResponse, TUpdateRequest, TUpdateResponse, TFilterRequest>

Derived

AuthorController, BookController, GenreController, PublisherController

Inherited Members

ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) ,
ControllerBase.Content(string) , ControllerBase.Content(string, string) ,
ControllerBase.Content(string, string, Encoding) ,
ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() ,
ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) ,
ControllerBase.RedirectPermanent(string) ,
ControllerBase.RedirectPreserveMethod(string) ,
ControllerBase.RedirectPermanentPreserveMethod(string) ,
ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) ,
ControllerBase.LocalRedirectPreserveMethod(string) ,
ControllerBase.LocalRedirectPermanentPreserveMethod(string) ,
ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) ,
ControllerBase.RedirectToAction(string, object) ,
ControllerBase.RedirectToAction(string, string) ,
ControllerBase.RedirectToAction(string, string, object) ,
ControllerBase.RedirectToAction(string, string, string) ,
ControllerBase.RedirectToAction(string, string, object, string) ,
ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToActionPermanent(string) ,
ControllerBase.RedirectToActionPermanent(string, object) ,
ControllerBase.RedirectToActionPermanent(string, string) ,
ControllerBase.RedirectToActionPermanent(string, string, string) ,
ControllerBase.RedirectToActionPermanent(string, string, object) ,
ControllerBase.RedirectToActionPermanent(string, string, object, string) ,
ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,
ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,

ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,

ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,
ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) ,
ControllerBase.AcceptedAtRoute(string, object) ,
ControllerBase.AcceptedAtRoute(object, object) ,
ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() ,
ControllerBase.Challenge(params string[]) ,
ControllerBase.Challenge(AuthenticationProperties) ,
ControllerBase.Challenge(AuthenticationProperties, params string[]) ,
ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) ,
ControllerBase.Forbid(AuthenticationProperties) ,
ControllerBase.Forbid(AuthenticationProperties, params string[]) ,
ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) ,
ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) ,
ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) ,
ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) ,
ControllerBase.SignOut(params string[]) ,

ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

BaseLibraryEntityController(ILibraryEntityService<TEntity>, IMapper)

```
protected BaseLibraryEntityController(ILibraryEntityService<TEntity> entityService,
IMapper mapper)
```

Parameters

`entityService` ILibraryEntityService<TEntity>

`mapper` IMapper

Fields

entityService

```
protected readonly ILibraryEntityService<TEntity> entityService
```

Field Value

ILibraryEntityService<TEntity>

mapper

```
protected readonly IMapper mapper
```

Field Value

IMapper

Methods

Create(TCreateRequest, CancellationToken)

```
[Authorize(Policy = "RequireManagerRole")]
[HttpPost]
public virtual Task<ActionResult<TCreateResponse>> Create(TCreateRequest request,
CancellationToken cancellationToken)
```

Parameters

`request` TCreateRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<TCreateResponse>>

DeleteById(int, CancellationToken)

```
[Authorize(Policy = "RequireManagerRole")]
[HttpDelete("{id}")]
public virtual Task<IActionResult> DeleteById(int id, CancellationToken
cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<IActionResult>

GetById(int, CancellationToken)

```
[HttpGet("{id}")]
[AllowAnonymous]
[OutputCache(PolicyName = "BasePolicy", Duration = 10)]
public virtual Task<ActionResult<TGetResponse>> GetById(int id,
CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<ActionResult<TGetResponse>>

GetByIds(GetByIdsRequest, CancellationToken)

```
[HttpPost("ids")]
[AllowAnonymous]
[OutputCache(PolicyName = "CacheByIds")]
public virtual Task<ActionResult<IEnumerable<TGetResponse>>>
GetByIds(GetByIdsRequest request, CancellationToken cancellationToken)
```

Parameters

`request` GetByIdsRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<IEnumerable<TGetResponse>>>

GetItemTotalAmount(TFilterRequest, CancellationToken)

```
[AllowAnonymous]
[HttpPost("amount")]
[OutputCache(PolicyName = "CacheByFilter")]
public virtual Task<ActionResult<int>> GetItemTotalAmount(TFilterRequest request,
CancellationToken cancellationToken)
```

Parameters

`request` TFilterRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<int>>

GetPaginated(TFilterRequest, CancellationToken)

```
[AllowAnonymous]
[HttpPost("pagination")]
[OutputCache(PolicyName = "CacheByFilter")]
public virtual Task<ActionResult<IEnumerable<TGetResponse>>>
GetPaginated(TFilterRequest request, CancellationToken cancellationToken)
```

Parameters

`request` TFilterRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<IEnumerable<TGetResponse>>>

Update(TUpdateRequest, CancellationToken)

```
[Authorize(Policy = "RequireManagerRole")]
[HttpPut]
public virtual Task<ActionResult<TUpdateResponse>> Update(TUpdateRequest request,
CancellationToken cancellationToken)
```

Parameters

`request` TUpdateRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<TUpdateResponse>>

Class BookController

Namespace: LibraryApi.Controllers

Assembly: LibraryApi.dll

```
[Authorize]
[Route("book")]
[ApiController]
public class BookController : BaseLibraryEntityController<Book, BookResponse,
CreateBookRequest, BookResponse, UpdateBookRequest, BookResponse, BookFilterRequest>
```

Inheritance

object ← ControllerBase ←
BaseLibraryEntityController<Book, BookResponse, CreateBookRequest, BookResponse,
UpdateBookRequest, BookResponse, BookFilterRequest> ←
BookController

Inherited Members

BaseLibraryEntityController<Book, BookResponse, CreateBookRequest, BookResponse, UpdateBookRequest, BookResponse, BookFilterRequest>.entityService ,
BaseLibraryEntityController<Book, BookResponse, CreateBookRequest, BookResponse, UpdateBookRequest, BookResponse, BookFilterRequest>.mapper ,
BaseLibraryEntityController<Book, BookResponse, CreateBookRequest, BookResponse, UpdateBookRequest, BookResponse, BookFilterRequest>.GetById(int, CancellationToken) ,
BaseLibraryEntityController<Book, BookResponse, CreateBookRequest, BookResponse, UpdateBookRequest, BookResponse, BookFilterRequest>.GetByIds(GetByIdsRequest, CancellationToken) ,
BaseLibraryEntityController<Book, BookResponse, CreateBookRequest, BookResponse, UpdateBookRequest, BookResponse, BookFilterRequest>.GetPaginated(BookFilterRequest, CancellationToken) ,
BaseLibraryEntityController<Book, BookResponse, CreateBookRequest, BookResponse, UpdateBookRequest, BookResponse, BookFilterRequest>.GetItemTotalAmount(BookFilterRequest, CancellationToken) ,
BaseLibraryEntityController<Book, BookResponse, CreateBookRequest, BookResponse, UpdateBookRequest, BookResponse, BookFilterRequest>.Create(CreateBookRequest, CancellationToken) ,
BaseLibraryEntityController<Book, BookResponse, CreateBookRequest, BookResponse, UpdateBookRequest, BookResponse, BookFilterRequest>.Update(UpdateBookRequest, CancellationToken) ,

BaseLibraryEntityController<Book, BookResponse, CreateBookRequest, BookResponse, UpdateBookRequest, BookResponse, BookFilterRequest>.DeleteById(int, CancellationToken)
,
ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) ,
ControllerBase.Content(string) , ControllerBase.Content(string, string) ,
ControllerBase.Content(string, string, Encoding) ,
ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() ,
ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) ,
ControllerBase.RedirectPermanent(string) ,
ControllerBase.RedirectPreserveMethod(string) ,
ControllerBase.RedirectPermanentPreserveMethod(string) ,
ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) ,
ControllerBase.LocalRedirectPreserveMethod(string) ,
ControllerBase.LocalRedirectPermanentPreserveMethod(string) ,
ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) ,
ControllerBase.RedirectToAction(string, object) ,
ControllerBase.RedirectToAction(string, string) ,
ControllerBase.RedirectToAction(string, string, object) ,
ControllerBase.RedirectToAction(string, string, string) ,
ControllerBase.RedirectToAction(string, string, object, string) ,
ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToActionPermanent(string) ,
ControllerBase.RedirectToActionPermanent(string, object) ,
ControllerBase.RedirectToActionPermanent(string, string) ,
ControllerBase.RedirectToActionPermanent(string, string, string) ,
ControllerBase.RedirectToActionPermanent(string, string, object) ,
ControllerBase.RedirectToActionPermanent(string, string, object, string) ,
ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,
ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,

ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,

ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,
ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) ,
ControllerBase.AcceptedAtRoute(string, object) ,
ControllerBase.AcceptedAtRoute(object, object) ,
ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() ,
ControllerBase.Challenge(params string[]) ,
ControllerBase.Challenge(AuthenticationProperties) ,
ControllerBase.Challenge(AuthenticationProperties, params string[]) ,
ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) ,
ControllerBase.Forbid(AuthenticationProperties) ,
ControllerBase.Forbid(AuthenticationProperties, params string[]) ,
ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) ,
ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) ,

ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) , ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) , ControllerBase.SignOut(params string[]) , ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

BookController(ILibraryEntityService<Book>, IMapper, IBookService)

```
public BookController(ILibraryEntityService<Book> entityService, IMapper mapper,
IBookService bookService)
```

Parameters

`entityService` ILibraryEntityService<Book>

`mapper` IMapper

`bookService` IBookService

Methods

RaisePopularity(RaiseBookPopularityRequest, CancellationToken)

```
[HttpPost("popularity")]
[AllowAnonymous]
public virtual Task<IActionResult> RaisePopularity(RaiseBookPopularityRequest
request, CancellationToken cancellationToken)
```

Parameters

`request` RaiseBookPopularityRequest

`cancellationToken` CancellationToken

Returns

Task<IActionResult>

UpdateStockAmount(List<UpdateBookStockAmountRequest>, CancellationToken)

```
[HttpPost("stockamount")]
[AllowAnonymous]
public virtual Task<IActionResult>
UpdateStockAmount(List<UpdateBookStockAmountRequest> requests,
CancellationToken cancellationToken)
```

Parameters

`requests` List<UpdateBookStockAmountRequest>

`cancellationToken` CancellationToken

Returns

Task<IActionResult>

Class GenreController

Namespace: LibraryApi.Controllers

Assembly: LibraryApi.dll

```
[Authorize]
[Route("genre")]
[ApiController]
public class GenreController : BaseLibraryEntityController<Genre,
GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest,
GenreResponse, LibraryFilterRequest>
```

Inheritance

object ← ControllerBase ← BaseLibraryEntityController<Genre, GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest, GenreResponse, LibraryFilterRequest> ← GenreController

Inherited Members

BaseLibraryEntityController<Genre, GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest, GenreResponse, LibraryFilterRequest>.entityService , BaseLibraryEntityController<Genre, GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest, GenreResponse, LibraryFilterRequest>.mapper , BaseLibraryEntityController<Genre, GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest, GenreResponse, LibraryFilterRequest>.GetById(int, CancellationToken) , BaseLibraryEntityController<Genre, GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest, GenreResponse, LibraryFilterRequest>.GetByIds(GetByIdsRequest, CancellationToken) , BaseLibraryEntityController<Genre, GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest, GenreResponse, LibraryFilterRequest>.GetPaginated(LibraryFilterRequest, CancellationToken) , BaseLibraryEntityController<Genre, GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest, GenreResponse, LibraryFilterRequest>.GetItemTotalAmount(LibraryFilterRequest, CancellationToken) , BaseLibraryEntityController<Genre, GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest, GenreResponse, LibraryFilterRequest>.Create(CreateGenreRequest, CancellationToken) ,

BaseLibraryEntityController<Genre, GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest, GenreResponse, LibraryFilterRequest>.Update(UpdateGenreRequest, CancellationToken) ,
BaseLibraryEntityController<Genre, GenreResponse, CreateGenreRequest, GenreResponse, UpdateGenreRequest, GenreResponse, LibraryFilterRequest>.DeleteById(int, CancellationToken) ,
ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) ,
ControllerBase.Content(string) , ControllerBase.Content(string, string) ,
ControllerBase.Content(string, string, Encoding) ,
ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() ,
ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) ,
ControllerBase.RedirectPermanent(string) ,
ControllerBase.RedirectPreserveMethod(string) ,
ControllerBase.RedirectPermanentPreserveMethod(string) ,
ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) ,
ControllerBase.LocalRedirectPreserveMethod(string) ,
ControllerBase.LocalRedirectPermanentPreserveMethod(string) ,
ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) ,
ControllerBase.RedirectToAction(string, object) ,
ControllerBase.RedirectToAction(string, string) ,
ControllerBase.RedirectToAction(string, string, object) ,
ControllerBase.RedirectToAction(string, string, string) ,
ControllerBase.RedirectToAction(string, string, object, string) ,
ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToActionPermanent(string) ,
ControllerBase.RedirectToActionPermanent(string, object) ,
ControllerBase.RedirectToActionPermanent(string, string) ,
ControllerBase.RedirectToActionPermanent(string, string, string) ,
ControllerBase.RedirectToActionPermanent(string, string, object) ,
ControllerBase.RedirectToActionPermanent(string, string, object, string) ,
ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,
ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,

ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,

ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,
ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) ,
ControllerBase.AcceptedAtRoute(string, object) ,
ControllerBase.AcceptedAtRoute(object, object) ,
ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() ,
ControllerBase.Challenge(params string[]) ,
ControllerBase.Challenge(AuthenticationProperties) ,
ControllerBase.Challenge(AuthenticationProperties, params string[]) ,
ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) ,
ControllerBase.Forbid(AuthenticationProperties) ,

ControllerBase.Forbid(AuthenticationProperties, params string[]) , ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) , ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) , ControllerBase.SignOut(params string[]) , ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GenreController(ILibraryEntityService<Genre>, IMapper)

```
public GenreController(ILibraryEntityService<Genre> entityService, IMapper mapper)
```

Parameters

`entityService` ILibraryEntityService<Genre>

`mapper` IMapper

Class PublisherController

Namespace: LibraryApi.Controllers

Assembly: LibraryApi.dll

```
[Authorize]
[Route("publisher")]
[ApiController]
public class PublisherController : BaseLibraryEntityController<Publisher,
PublisherResponse, CreatePublisherRequest, PublisherResponse,
UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest>
```

Inheritance

object ← ControllerBase ← BaseLibraryEntityController<Publisher, PublisherResponse, CreatePublisherRequest, PublisherResponse, UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest> ← PublisherController

Inherited Members

BaseLibraryEntityController<Publisher, PublisherResponse, CreatePublisherRequest, PublisherResponse, UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest>.entityService , BaseLibraryEntityController<Publisher, PublisherResponse, CreatePublisherRequest, PublisherResponse, UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest>.mapper , BaseLibraryEntityController<Publisher, PublisherResponse, CreatePublisherRequest, PublisherResponse, UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest>.GetById(int, CancellationToken) , BaseLibraryEntityController<Publisher, PublisherResponse, CreatePublisherRequest, PublisherResponse, UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest>.GetByIds(GetByIdsRequest, CancellationToken) , BaseLibraryEntityController<Publisher, PublisherResponse, CreatePublisherRequest, PublisherResponse, UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest>.GetPaginated(LibraryFilterRequest, CancellationToken) , BaseLibraryEntityController<Publisher, PublisherResponse, CreatePublisherRequest, PublisherResponse, UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest>.GetItemTotalAmount(LibraryFilterRequest, CancellationToken) ,

BaseLibraryEntityController<Publisher, PublisherResponse, CreatePublisherRequest, PublisherResponse, UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest>.Create(CreatePublisherRequest, CancellationToken) , BaseLibraryEntityController<Publisher, PublisherResponse, CreatePublisherRequest, PublisherResponse, UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest>.Update(UpdatePublisherRequest, CancellationToken) , BaseLibraryEntityController<Publisher, PublisherResponse, CreatePublisherRequest, PublisherResponse, UpdatePublisherRequest, PublisherResponse, LibraryFilterRequest>.DeleteById(int, CancellationToken) , ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) , ControllerBase.Content(string) , ControllerBase.Content(string, string) , ControllerBase.Content(string, string, Encoding) , ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() , ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) , ControllerBase.RedirectPermanent(string) , ControllerBase.RedirectPreserveMethod(string) , ControllerBase.RedirectPermanentPreserveMethod(string) , ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) , ControllerBase.LocalRedirectPreserveMethod(string) , ControllerBase.LocalRedirectPermanentPreserveMethod(string) , ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) , ControllerBase.RedirectToAction(string, object) , ControllerBase.RedirectToAction(string, string) , ControllerBase.RedirectToAction(string, string, object) , ControllerBase.RedirectToAction(string, string, string) , ControllerBase.RedirectToAction(string, string, object, string) , ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) , ControllerBase.RedirectToActionPermanent(string) , ControllerBase.RedirectToActionPermanent(string, object) , ControllerBase.RedirectToActionPermanent(string, string) , ControllerBase.RedirectToActionPermanent(string, string, string) , ControllerBase.RedirectToActionPermanent(string, string, object) , ControllerBase.RedirectToActionPermanent(string, string, object, string) , ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) , ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) , ControllerBase.RedirectToRoute(string, object) , ControllerBase.RedirectToRoute(string, string) , ControllerBase.RedirectToRoute(string, object, string) , ControllerBase.RedirectToRoutePreserveMethod(string, object, string) , ControllerBase.RedirectToRoutePermanent(string) ,

ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,

ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,
ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) ,
ControllerBase.AcceptedAtRoute(string, object) ,
ControllerBase.AcceptedAtRoute(object, object) ,
ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() ,
ControllerBase.Challenge(params string[]) ,
ControllerBase.Challenge(AuthenticationProperties) ,

ControllerBase.Challenge(AuthenticationProperties, params string[]) , ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) , ControllerBase.Forbid(AuthenticationProperties) , ControllerBase.Forbid(AuthenticationProperties, params string[]) , ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) , ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) , ControllerBase.SignOut(params string[]) , ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

PublisherController(ILibraryEntityService<Publisher>, IMapper)

```
public PublisherController(ILibraryEntityService<Publisher> entityService,
IMapper mapper)
```

Parameters

`entityService` ILibraryEntityService<Publisher>

`mapper` IMapper

Namespace LibraryApi.Domain.Dto.Author

Classes

CreateAuthorRequest

UpdateAuthorRequest

Class CreateAuthorRequest

Namespace: LibraryApi.Domain.Dto.Author

Assembly: LibraryApi.dll

```
public class CreateAuthorRequest
```

Inheritance

object ← CreateAuthorRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

DateOfBirth

```
public DateTime DateOfBirth { get; set; }
```

Property Value

DateTime

LastName

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

Property Value

string

Name

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

Property Value

string

Class UpdateAuthorRequest

Namespace: LibraryApi.Domain.Dto.Author

Assembly: LibraryApi.dll

```
public class UpdateAuthorRequest
```

Inheritance

object ← UpdateAuthorRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

DateOfBirth

```
public DateTime DateOfBirth { get; set; }
```

Property Value

DateTime

Id

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

Property Value

int

LastName

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

Property Value

string

Name

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

Property Value

string

Namespace LibraryApi.Domain.Dto.Book

Classes

CreateBookRequest

UpdateBookRequest

Class CreateBookRequest

Namespace: LibraryApi.Domain.Dto.Book

Assembly: LibraryApi.dll

```
public class CreateBookRequest
```

Inheritance

object ← CreateBookRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AuthorId

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

Property Value

int

CoverImgUrl

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

Property Value

string

CoverType

```
public CoverType CoverType { get; set; }
```

Property Value

CoverType

Description

```
public string? Description { get; set; }
```

Property Value

string

GenreId

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

Property Value

int

Name

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

Property Value

string

PageAmount

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

Property Value

int

Price

```
public decimal Price { get; set; }
```

Property Value

decimal

PublicationDate

```
public DateTime PublicationDate { get; set; }
```

Property Value

DateTime

PublisherId

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

Property Value

int

Class UpdateBookRequest

Namespace: LibraryApi.Domain.Dto.Book

Assembly: LibraryApi.dll

```
public class UpdateBookRequest
```

Inheritance

object ← UpdateBookRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AuthorId

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

Property Value

int

CoverImgUrl

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

Property Value

string

CoverType

```
public CoverType CoverType { get; set; }
```

Property Value

CoverType

Description

```
public string? Description { get; set; }
```

Property Value

string

GenreId

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

Property Value

int

Id

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

Property Value

int

Name

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

Property Value

string

PageAmount

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

Property Value

int

Price

```
public decimal Price { get; set; }
```

Property Value

decimal

PublicationDate

```
public DateTime PublicationDate { get; set; }
```

Property Value

DateTime

PublisherId

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

Property Value

int

Namespace LibraryApi.Domain.Dto.Genre

Classes

CreateGenreRequest

UpdateGenreRequest

Class CreateGenreRequest

Namespace: LibraryApi.Domain.Dto.Genre

Assembly: LibraryApi.dll

```
public class CreateGenreRequest
```

Inheritance

object ← CreateGenreRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Name

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

Property Value

string

Class UpdateGenreRequest

Namespace: LibraryApi.Domain.Dto.Genre

Assembly: LibraryApi.dll

```
public class UpdateGenreRequest
```

Inheritance

object ← UpdateGenreRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Id

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

Property Value

int

Name

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

Property Value

string

Namespace LibraryApi.Domain.Dto.Publisher

Classes

CreatePublisherRequest

UpdatePublisherRequest

Class CreatePublisherRequest

Namespace: LibraryApi.Domain.Dto.Publisher

Assembly: LibraryApi.dll

```
public class CreatePublisherRequest
```

Inheritance

object ← CreatePublisherRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Name

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

Property Value

string

Class UpdatePublisherRequest

Namespace: LibraryApi.Domain.Dto.Publisher

Assembly: LibraryApi.dll

```
public class UpdatePublisherRequest
```

Inheritance

object ← UpdatePublisherRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Id

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

Property Value

int

Name

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

Property Value

string

Namespace LibraryApi.Migrations

Classes

AddedBookDescription

A base class inherited by each EF Core migration.

InitialMigration

A base class inherited by each EF Core migration.

Class AddedBookDescription

Namespace: LibraryApi.Migrations

Assembly: LibraryApi.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(LibraryDbContext))]
[Migration("20241107164400_AddedBookDescription")]
public class AddedBookDescription : Migration
```

Inheritance

object ← Migration ← AddedBookDescription

Inherited Members

Migration.InitialDatabase , Migration.TargetModel , Migration.UpOperations , Migration.DownOperations , Migration.ActiveProvider , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Remarks

See Database migrations for more information and examples.

Methods

BuildTargetModel(ModelBuilder)

Implemented to build the TargetModel.

```
protected override void BuildTargetModel(ModelBuilder modelBuilder)
```

Parameters

`modelBuilder` ModelBuilder

The ModelBuilder to use to build the model.

Remarks

See Database migrations for more information and examples.

Down(MigrationBuilder)

Builds the operations that will migrate the database 'down'.

```
protected override void Down(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by this migration so that it returns to the state that it was in before this migration was applied.

This method must be overridden in each class that inherits from Migration if both 'up' and 'down' migrations are to be supported. If it is not overridden, then calling it will throw and it will not be possible to migrate in the 'down' direction.

See Database migrations for more information and examples.

Up(MigrationBuilder)

Builds the operations that will migrate the database 'up'.

```
protected override void Up(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by the previous migration so that it is up-to-date with regard to this migration.

This method must be overridden in each class that inherits from Migration.

See Database migrations for more information and examples.

Class InitialMigration

Namespace: LibraryApi.Migrations

Assembly: LibraryApi.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(LibraryDbContext))]
[Migration("20241101190149_InitialMigration")]
public class InitialMigration : Migration
```

Inheritance

object ← Migration ← InitialMigration

Inherited Members

Migration.InitialDatabase , Migration.TargetModel , Migration.UpOperations , Migration.DownOperations , Migration.ActiveProvider , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Remarks

See Database migrations for more information and examples.

Methods

BuildTargetModel(ModelBuilder)

Implemented to build the TargetModel.

```
protected override void BuildTargetModel(ModelBuilder modelBuilder)
```

Parameters

`modelBuilder` ModelBuilder

The ModelBuilder to use to build the model.

Remarks

See Database migrations for more information and examples.

Down(MigrationBuilder)

Builds the operations that will migrate the database 'down'.

```
protected override void Down(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by this migration so that it returns to the state that it was in before this migration was applied.

This method must be overridden in each class that inherits from Migration if both 'up' and 'down' migrations are to be supported. If it is not overridden, then calling it will throw and it will not be possible to migrate in the 'down' direction.

See Database migrations for more information and examples.

Up(MigrationBuilder)

Builds the operations that will migrate the database 'up'.

```
protected override void Up(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by the previous migration so that it is up-to-date with regard to this migration.

This method must be overridden in each class that inherits from Migration.

See Database migrations for more information and examples.

Namespace LibraryApi.Services

Classes

BookService

LibraryEntityService<TEntity>

Interfaces

IBookService

ILibraryEntityService<TEntity>

Class BookService

Namespace: LibraryApi.Services

Assembly: LibraryApi.dll

```
public class BookService : LibraryEntityService<Book>,
IBookService, ILibraryEntityService<Book>
```

Inheritance

object ← LibraryEntityService<Book> ← BookService

Implements

IBookService, ILibraryEntityService<Book>

Inherited Members

LibraryEntityService<Book>.repository , LibraryEntityService<Book>.GetByIdAsync(int, CancellationToken) , LibraryEntityService<Book>.GetByIdsAsync(List<int>, CancellationToken) , LibraryEntityService<Book>.GetPaginatedAsync(LibraryFilterRequest, CancellationToken) , LibraryEntityService<Book>.GetItemTotalAmountAsync(LibraryFilterRequest, CancellationToken) , LibraryEntityService<Book>.CreateAsync(Book, CancellationToken) , LibraryEntityService<Book>.UpdateAsync(Book, CancellationToken) , LibraryEntityService<Book>.DeleteAsync(int, CancellationToken) , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

BookService(IBookRepository)

```
public BookService(IBookRepository repository)
```

Parameters

`repository` IBookRepository

Methods

ChangeBookStockAmount(Dictionary<int, int>, CancellationToken)

```
public Task ChangeBookStockAmount(Dictionary<int, int> changeRequests,
CancellationToken cancellationToken)
```

Parameters

`changeRequests` Dictionary<int, int>

`cancellationToken` CancellationToken

Returns

Task

RaisePopularityAsync(List<int>, CancellationToken)

```
public Task RaisePopularityAsync(List<int> ids, CancellationToken cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task

Interface IBookService

Namespace: LibraryApi.Services

Assembly: LibraryApi.dll

```
public interface IBookService : ILibraryEntityService<Book>
```

Inherited Members
ILibraryEntityService<Book>.CreateAsync(Book, CancellationToken) ,
ILibraryEntityService<Book>.DeleteAsync(int, CancellationToken) ,
ILibraryEntityService<Book>.GetByIdAsync(int, CancellationToken) ,
ILibraryEntityService<Book>.GetByIdsAsync(List<int>, CancellationToken) ,
ILibraryEntityService<Book>.GetItemTotalAmountAsync(LibraryFilterRequest, CancellationToken) ,
ILibraryEntityService<Book>.GetPaginatedAsync(LibraryFilterRequest, CancellationToken) ,
ILibraryEntityService<Book>.UpdateAsync(Book, CancellationToken)

Methods

ChangeBookStockAmount(Dictionary<int, int>, CancellationToken)

```
Task ChangeBookStockAmount(Dictionary<int, int> changeRequests,
CancellationToken cancellationToken)
```

Parameters

`changeRequests` Dictionary<int, int>

`cancellationToken` CancellationToken

Returns

Task

RaisePopularityAsync(List<int>, CancellationToken)

```
Task RaisePopularityAsync(List<int> ids, CancellationToken cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task

Interface ILibraryEntityService<TEntity>

Namespace: LibraryApi.Services

Assembly: LibraryApi.dll

```
public interface ILibraryEntityService<TEntity> where TEntity : BaseLibraryEntity
```

Type Parameters

TEntity

Methods

CreateAsync(TEntity, CancellationToken)

```
Task<TEntity> CreateAsync(TEntity entity, CancellationToken cancellationToken)
```

Parameters

entity TEntity

cancellationToken CancellationToken

Returns

Task<TEntity>

DeleteAsync(int, CancellationToken)

```
Task DeleteAsync(int id, CancellationToken cancellationToken)
```

Parameters

id int

`cancellationToken` CancellationToken

Returns

Task

GetByIdAsync(int, CancellationToken)

```
Task<TEntity?> GetByIdAsync(int id, CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<TEntity>

GetByIdsAsync(List<int>, CancellationToken)

```
Task<IEnumerable<TEntity>> GetByIdsAsync(List<int> ids, CancellationToken
cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<TEntity>>

GetItemTotalAmountAsync(LibraryFilterRequest, CancellationToken)

```
Task<int> GetItemTotalAmountAsync(LibraryFilterRequest req,
CancellationToken cancellationToken)
```

Parameters

`req` LibraryFilterRequest

`cancellationToken` CancellationToken

Returns

Task<int>

GetPaginatedAsync(LibraryFilterRequest, CancellationToken)

```
Task<IEnumerable<TEntity>> GetPaginatedAsync(LibraryFilterRequest req,
CancellationToken cancellationToken)
```

Parameters

`req` LibraryFilterRequest

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<TEntity>>

UpdateAsync(TEntity, CancellationToken)

```
Task<TEntity> UpdateAsync(TEntity entity, CancellationToken cancellationToken)
```

Parameters

`entity` TEntity

`cancellationToken` CancellationToken

Returns

Task<TEntity>

Class LibraryEntityService<TEntity>

Namespace: LibraryApi.Services

Assembly: LibraryApi.dll

```
public class LibraryEntityService<TEntity> : ILibraryEntityService<TEntity> where
TEntity : BaseLibraryEntity
```

Type Parameters

`TEntity`

Inheritance

object ← LibraryEntityService<TEntity>

Implements

ILibraryEntityService<TEntity>

Derived

BookService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LibraryEntityService(ILibraryEntityRepository<TEntity>)

```
public LibraryEntityService(ILibraryEntityRepository<TEntity> repository)
```

Parameters

`repository` ILibraryEntityRepository<TEntity>

Fields

repository

```
protected readonly ILibraryEntityRepository<TEntity> repository
```

Field Value

ILibraryEntityRepository<TEntity>

Methods

CreateAsync(TEntity, CancellationToken)

```
public virtual Task<TEntity> CreateAsync(TEntity entity, CancellationToken
cancellationToken)
```

Parameters

`entity` TEntity

`cancellationToken` CancellationToken

Returns

Task<TEntity>

DeleteAsync(int, CancellationToken)

```
public virtual Task DeleteAsync(int id, CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task

GetByIdAsync(int, CancellationToken)

```
public virtual Task<TEntity?> GetByIdAsync(int id, CancellationToken
cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<TEntity>

GetByIdsAsync(List<int>, CancellationToken)

```
public virtual Task<IEnumerable<TEntity>> GetByIdsAsync(List<int> ids,
CancellationToken cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<TEntity>>

GetItemTotalAmountAsync(LibraryFilterRequest, CancellationToken)

```
public virtual Task<int> GetItemTotalAmountAsync(LibraryFilterRequest req,
CancellationToken cancellationToken)
```

Parameters

`req` LibraryFilterRequest

`cancellationToken` CancellationToken

Returns

Task<int>

GetPaginatedAsync(LibraryFilterRequest, CancellationToken)

```
public virtual Task<IEnumerable<TEntity>> GetPaginatedAsync(LibraryFilterRequest
req, CancellationToken cancellationToken)
```

Parameters

`req` LibraryFilterRequest

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<TEntity>>

UpdateAsync(TEntity, CancellationToken)

```
public virtual Task<TEntity> UpdateAsync(TEntity entity, CancellationToken
cancellationToken)
```

Parameters

`entity` TEntity

`cancellationToken` CancellationToken

Returns

Task<TEntity>

Namespace LibraryApi.Validators

Classes

BookFilterRequestValidator

GetByIdsRequestValidator

LibraryFilterRequestValidator

Class BookFilterRequestValidator

Namespace: LibraryApi.Validators

Assembly: LibraryApi.dll

```
public class BookFilterRequestValidator : AbstractValidator<BookFilterRequest>,
IValidator<BookFilterRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<BookFilterRequest> ← BookFilterRequestValidator

Implements

IValidator<BookFilterRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<BookFilterRequest>.Validate(BookFilterRequest) ,
AbstractValidator<BookFilterRequest>.ValidateAsync(BookFilterRequest, CancellationToken) ,
AbstractValidator<BookFilterRequest>.Validate(ValidationContext<BookFilterRequest>) ,
AbstractValidator<BookFilterRequest>.ValidateAsync(ValidationContext<BookFilterRequest>, CancellationToken) ,
AbstractValidator<BookFilterRequest>.CreateDescriptor() ,
AbstractValidator<BookFilterRequest>.RuleFor<TProperty>(Expression<Func<BookFilterRequest, TProperty>>) ,
AbstractValidator<BookFilterRequest>.Transform<TProperty, TTransformed>(Expression<Func<BookFilterRequest, TProperty>>, Func<TProperty, TTransformed>) ,
AbstractValidator<BookFilterRequest>.Transform<TProperty, TTransformed>(Expression<Func<BookFilterRequest, TProperty>>, Func<BookFilterRequest, TProperty, TTransformed>) ,
AbstractValidator<BookFilterRequest>.RuleForEach<TElement>(Expression<Func<BookFilterRequest, IEnumerable<TElement>>>) ,
AbstractValidator<BookFilterRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<BookFilterRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,
AbstractValidator<BookFilterRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<BookFilterRequest, IEnumerable<TElement>>>, Func<BookFilterRequest, TElement, TTransformed>) ,
AbstractValidator<BookFilterRequest>.RuleSet(string, Action) ,
AbstractValidator<BookFilterRequest>.When(Func<BookFilterRequest, bool>, Action) ,

AbstractValidator<BookFilterRequest>.When(Func<BookFilterRequest, ValidationContext<BookFilterRequest>, bool>, Action) , AbstractValidator<BookFilterRequest>.Unless(Func<BookFilterRequest, bool>, Action) , AbstractValidator<BookFilterRequest>.Unless(Func<BookFilterRequest, ValidationContext<BookFilterRequest>, bool>, Action) , AbstractValidator<BookFilterRequest>.WhenAsync(Func<BookFilterRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<BookFilterRequest>.WhenAsync(Func<BookFilterRequest, ValidationContext<BookFilterRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<BookFilterRequest>.UnlessAsync(Func<BookFilterRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<BookFilterRequest>.UnlessAsync(Func<BookFilterRequest, ValidationContext<BookFilterRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<BookFilterRequest>.Include(IValidator<BookFilterRequest>) , AbstractValidator<BookFilterRequest>.Include<TValidator>(Func<BookFilterRequest, TValidator>) , AbstractValidator<BookFilterRequest>.GetEnumerator() , AbstractValidator<BookFilterRequest>.EnsureInstanceNotNull(object) , AbstractValidator<BookFilterRequest>.PreValidate(ValidationContext<BookFilterRequest>, ValidationResult) , AbstractValidator<BookFilterRequest>.RaiseValidationException(ValidationContext<BookFilterRequest>, ValidationResult) , AbstractValidator<BookFilterRequest>.CascadeMode , AbstractValidator<BookFilterRequest>.ClassLevelCascadeMode , AbstractValidator<BookFilterRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

BookFilterRequestValidator(PaginationOptions)

```
public BookFilterRequestValidator(PaginationOptions paginationConfiguration)
```

Parameters

`paginationConfiguration` PaginationOptions

Class GetByIdsRequestValidator

Namespace: LibraryApi.Validators

Assembly: LibraryApi.dll

```
public class GetByIdsRequestValidator : AbstractValidator<GetByIdsRequest>,
IValidator<GetByIdsRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<GetByIdsRequest> ← GetByIdsRequestValidator

Implements

IValidator<GetByIdsRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<GetByIdsRequest>.Validate(GetByIdsRequest) , AbstractValidator<GetByIdsRequest>.ValidateAsync(GetByIdsRequest, CancellationToken) , AbstractValidator<GetByIdsRequest>.Validate(ValidationContext<GetByIdsRequest>) , AbstractValidator<GetByIdsRequest>.ValidateAsync(ValidationContext<GetByIdsRequest>, CancellationToken) , AbstractValidator<GetByIdsRequest>.CreateDescriptor() , AbstractValidator<GetByIdsRequest>.RuleFor<TProperty>(Expression<Func<GetByIdsRequest, TProperty>>) , AbstractValidator<GetByIdsRequest>.Transform<TProperty, TTransformed>(Expression<Func<GetByIdsRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<GetByIdsRequest>.Transform<TProperty, TTransformed>(Expression<Func<GetByIdsRequest, TProperty>>, Func<GetByIdsRequest, TProperty, TTransformed>) , AbstractValidator<GetByIdsRequest>.RuleForEach<TElement>(Expression<Func<GetByIdsRequest, IEnumerable<TElement>>>) , AbstractValidator<GetByIdsRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<GetByIdsRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<GetByIdsRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<GetByIdsRequest, IEnumerable<TElement>>>, Func<GetByIdsRequest, TElement, TTransformed>) , AbstractValidator<GetByIdsRequest>.RuleSet(string, Action) , AbstractValidator<GetByIdsRequest>.When(Func<GetByIdsRequest, bool>, Action) ,

AbstractValidator<GetByIdsRequest>.When(Func<GetByIdsRequest, ValidationContext<GetByIdsRequest>, bool>, Action) , AbstractValidator<GetByIdsRequest>.Unless(Func<GetByIdsRequest, bool>, Action) , AbstractValidator<GetByIdsRequest>.Unless(Func<GetByIdsRequest, ValidationContext<GetByIdsRequest>, bool>, Action) , AbstractValidator<GetByIdsRequest>.WhenAsync(Func<GetByIdsRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetByIdsRequest>.WhenAsync(Func<GetByIdsRequest, ValidationContext<GetByIdsRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetByIdsRequest>.UnlessAsync(Func<GetByIdsRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetByIdsRequest>.UnlessAsync(Func<GetByIdsRequest, ValidationContext<GetByIdsRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetByIdsRequest>.Include(IValidator<GetByIdsRequest>) , AbstractValidator<GetByIdsRequest>.Include<TValidator>(Func<GetByIdsRequest, TValidator>) , AbstractValidator<GetByIdsRequest>.GetEnumerator() , AbstractValidator<GetByIdsRequest>.EnsureInstanceNotNull(object) , AbstractValidator<GetByIdsRequest>.PreValidate(ValidationContext<GetByIdsRequest>, ValidationResult) , AbstractValidator<GetByIdsRequest>.RaiseValidationException(ValidationContext<GetByIdsRequest>, ValidationResult) , AbstractValidator<GetByIdsRequest>.CascadeMode , AbstractValidator<GetByIdsRequest>.ClassLevelCascadeMode , AbstractValidator<GetByIdsRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetByIdsRequestValidator(PaginationOptions)

```
public GetByIdsRequestValidator(PaginationOptions paginationConfiguration)
```

Parameters

`paginationConfiguration` PaginationOptions

Class LibraryFilterRequestValidator

Namespace: LibraryApi.Validators

Assembly: LibraryApi.dll

```
public class LibraryFilterRequestValidator :
AbstractValidator<LibraryFilterRequest>, IValidator<LibraryFilterRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<LibraryFilterRequest> ← LibraryFilterRequestValidator

Implements

IValidator<LibraryFilterRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<LibraryFilterRequest>.Validate(LibraryFilterRequest) , AbstractValidator<LibraryFilterRequest>.ValidateAsync(LibraryFilterRequest, CancellationToken) , AbstractValidator<LibraryFilterRequest>.Validate(ValidationContext<LibraryFilterRequest>) , AbstractValidator<LibraryFilterRequest>.ValidateAsync(ValidationContext<LibraryFilterRequest>, CancellationToken) , AbstractValidator<LibraryFilterRequest>.CreateDescriptor() , AbstractValidator<LibraryFilterRequest>.RuleFor<TProperty>(Expression<Func<LibraryFilterRequest, TProperty>>) , AbstractValidator<LibraryFilterRequest>.Transform<TProperty, TTransformed>(Expression<Func<LibraryFilterRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<LibraryFilterRequest>.Transform<TProperty, TTransformed>(Expression<Func<LibraryFilterRequest, TProperty>>, Func<LibraryFilterRequest, TProperty, TTransformed>) , AbstractValidator<LibraryFilterRequest>.RuleForEach<TElement>(Expression<Func<LibraryFilterRequest, IEnumerable<TElement>>>) , AbstractValidator<LibraryFilterRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<LibraryFilterRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<LibraryFilterRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<LibraryFilterRequest, IEnumerable<TElement>>>, Func<LibraryFilterRequest, TElement, TTransformed>) , AbstractValidator<LibraryFilterRequest>.RuleSet(string, Action) , AbstractValidator<LibraryFilterRequest>.When(Func<LibraryFilterRequest, bool>, Action) , AbstractValidator<LibraryFilterRequest>.When(Func<LibraryFilterRequest, ValidationContext<LibraryFilterRequest>, bool>, Action) , AbstractValidator<LibraryFilterRequest>.Unless(Func<LibraryFilterRequest, bool>, Action) , AbstractValidator<LibraryFilterRequest>.Unless(Func<LibraryFilterRequest, ValidationContext<LibraryFilterRequest>, bool>, Action) , AbstractValidator<LibraryFilterRequest>.WhenAsync(Func<LibraryFilterRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<LibraryFilterRequest>.WhenAsync(Func<LibraryFilterRequest, ValidationContext<LibraryFilterRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<LibraryFilterRequest>.UnlessAsync(Func<LibraryFilterRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<LibraryFilterRequest>.UnlessAsync(Func<LibraryFilterRequest, ValidationContext<LibraryFilterRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<LibraryFilterRequest>.Include(IValidator<LibraryFilterRequest>) , AbstractValidator<LibraryFilterRequest>.Include<TValidator>(Func<LibraryFilterRequest, TValidator>) , AbstractValidator<LibraryFilterRequest>.GetEnumerator() , AbstractValidator<LibraryFilterRequest>.EnsureInstanceNotNull(object) , AbstractValidator<LibraryFilterRequest>.PreValidate(ValidationContext<LibraryFilterRequest>, ValidationResult) , AbstractValidator<LibraryFilterRequest>.RaiseValidationException(ValidationContext<LibraryFilterRequest>, ValidationResult) , AbstractValidator<LibraryFilterRequest>.CascadeMode , AbstractValidator<LibraryFilterRequest>.ClassLevelCascadeMode , AbstractValidator<LibraryFilterRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LibraryFilterRequestValidator(PaginationOptions)

```
public LibraryFilterRequestValidator(PaginationOptions paginationConfiguration)
```

Parameters

`paginationConfiguration` PaginationOptions

Namespace LibraryApi.Validators.Author

Classes

CreateAuthorRequestValidator

UpdateAuthorRequestValidator

Class CreateAuthorRequestValidator

Namespace: LibraryApi.Validators.Author

Assembly: LibraryApi.dll

```
public class CreateAuthorRequestValidator : AbstractValidator<CreateAuthorRequest>,
IValidator<CreateAuthorRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<CreateAuthorRequest> ← CreateAuthorRequestValidator

Implements

IValidator<CreateAuthorRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<CreateAuthorRequest>.Validate(CreateAuthorRequest) , AbstractValidator<CreateAuthorRequest>.ValidateAsync(CreateAuthorRequest, CancellationToken) , AbstractValidator<CreateAuthorRequest>.Validate(ValidationContext<CreateAuthorRequest>) , AbstractValidator<CreateAuthorRequest>.ValidateAsync(ValidationContext<CreateAuthorRequest>, CancellationToken) , AbstractValidator<CreateAuthorRequest>.CreateDescriptor() , AbstractValidator<CreateAuthorRequest>.RuleFor<TProperty>(Expression<Func<CreateAuthorRequest, TProperty>>) , AbstractValidator<CreateAuthorRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateAuthorRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<CreateAuthorRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateAuthorRequest, TProperty>>, Func<CreateAuthorRequest, TProperty, TTransformed>) , AbstractValidator<CreateAuthorRequest>.RuleForEach<TElement>(Expression<Func<CreateAuthorRequest, IEnumerable<TElement>>>) , AbstractValidator<CreateAuthorRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateAuthorRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<CreateAuthorRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateAuthorRequest, IEnumerable<TElement>>>, Func<CreateAuthorRequest, TElement, TTransformed>) , AbstractValidator<CreateAuthorRequest>.RuleSet(string, Action) , AbstractValidator<CreateAuthorRequest>.When(Func<CreateAuthorRequest, bool>, Action) , AbstractValidator<CreateAuthorRequest>.When(Func<CreateAuthorRequest, ValidationContext<CreateAuthorRequest>, bool>, Action) , AbstractValidator<CreateAuthorRequest>.Unless(Func<CreateAuthorRequest, bool>, Action) , AbstractValidator<CreateAuthorRequest>.Unless(Func<CreateAuthorRequest, ValidationContext<CreateAuthorRequest>, bool>, Action) , AbstractValidator<CreateAuthorRequest>.WhenAsync(Func<CreateAuthorRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateAuthorRequest>.WhenAsync(Func<CreateAuthorRequest, ValidationContext<CreateAuthorRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateAuthorRequest>.UnlessAsync(Func<CreateAuthorRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateAuthorRequest>.UnlessAsync(Func<CreateAuthorRequest, ValidationContext<CreateAuthorRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateAuthorRequest>.Include(IValidator<CreateAuthorRequest>) , AbstractValidator<CreateAuthorRequest>.Include<TValidator>(Func<CreateAuthorRequest, TValidator>) , AbstractValidator<CreateAuthorRequest>.GetEnumerator() , AbstractValidator<CreateAuthorRequest>.EnsureInstanceNotNull(object) , AbstractValidator<CreateAuthorRequest>.PreValidate(ValidationContext<CreateAuthorRequest>, ValidationResult) , AbstractValidator<CreateAuthorRequest>.RaiseValidationException(ValidationContext<CreateAuthorRequest>, ValidationResult) , AbstractValidator<CreateAuthorRequest>.CascadeMode , AbstractValidator<CreateAuthorRequest>.ClassLevelCascadeMode , AbstractValidator<CreateAuthorRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateAuthorRequestValidator()

```
public CreateAuthorRequestValidator()
```

Class UpdateAuthorRequestValidator

Namespace: LibraryApi.Validators.Author

Assembly: LibraryApi.dll

```
public class UpdateAuthorRequestValidator : AbstractValidator<UpdateAuthorRequest>,
IValidator<UpdateAuthorRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<UpdateAuthorRequest> ← UpdateAuthorRequestValidator

Implements

IValidator<UpdateAuthorRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<UpdateAuthorRequest>.Validate(UpdateAuthorRequest) , AbstractValidator<UpdateAuthorRequest>.ValidateAsync(UpdateAuthorRequest, CancellationToken) , AbstractValidator<UpdateAuthorRequest>.Validate(ValidationContext<UpdateAuthorRequest>) , AbstractValidator<UpdateAuthorRequest>.ValidateAsync(ValidationContext<UpdateAuthorRequest>, CancellationToken) , AbstractValidator<UpdateAuthorRequest>.CreateDescriptor() , AbstractValidator<UpdateAuthorRequest>.RuleFor<TProperty>(Expression<Func<UpdateAuthorRequest, TProperty>>) , AbstractValidator<UpdateAuthorRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateAuthorRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<UpdateAuthorRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateAuthorRequest, TProperty>>, Func<UpdateAuthorRequest, TProperty, TTransformed>) , AbstractValidator<UpdateAuthorRequest>.RuleForEach<TElement>(Expression<Func<UpdateAuthorRequest, IEnumerable<TElement>>>) , AbstractValidator<UpdateAuthorRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateAuthorRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<UpdateAuthorRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateAuthorRequest, IEnumerable<TElement>>>, Func<UpdateAuthorRequest, TElement, TTransformed>) , AbstractValidator<UpdateAuthorRequest>.RuleSet(string, Action) , AbstractValidator<UpdateAuthorRequest>.When(Func<UpdateAuthorRequest, bool>, Action) , AbstractValidator<UpdateAuthorRequest>.When(Func<UpdateAuthorRequest, ValidationContext<UpdateAuthorRequest>, bool>, Action) , AbstractValidator<UpdateAuthorRequest>.Unless(Func<UpdateAuthorRequest, bool>, Action) , AbstractValidator<UpdateAuthorRequest>.Unless(Func<UpdateAuthorRequest, ValidationContext<UpdateAuthorRequest>, bool>, Action) , AbstractValidator<UpdateAuthorRequest>.WhenAsync(Func<UpdateAuthorRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateAuthorRequest>.WhenAsync(Func<UpdateAuthorRequest, ValidationContext<UpdateAuthorRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateAuthorRequest>.UnlessAsync(Func<UpdateAuthorRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateAuthorRequest>.UnlessAsync(Func<UpdateAuthorRequest, ValidationContext<UpdateAuthorRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateAuthorRequest>.Include(IValidator<UpdateAuthorRequest>) , AbstractValidator<UpdateAuthorRequest>.Include<TValidator>(Func<UpdateAuthorRequest, TValidator>) , AbstractValidator<UpdateAuthorRequest>.GetEnumerator() , AbstractValidator<UpdateAuthorRequest>.EnsureInstanceNotNull(object) , AbstractValidator<UpdateAuthorRequest>.PreValidate(ValidationContext<UpdateAuthorRequest>, ValidationResult) , AbstractValidator<UpdateAuthorRequest>.RaiseValidationException(ValidationContext<UpdateAuthorRequest>, ValidationResult) , AbstractValidator<UpdateAuthorRequest>.CascadeMode , AbstractValidator<UpdateAuthorRequest>.ClassLevelCascadeMode , AbstractValidator<UpdateAuthorRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateAuthorRequestValidator()

```
public UpdateAuthorRequestValidator()
```

Namespace LibraryApi.Validators.Book

Classes

CreateBookRequestValidator

RaiseBookPopularityRequestValidator

UpdateBookRequestValidator

UpdateBookStockAmountRequestCollectionValidator

UpdateBookStockAmountRequestValidator

Class CreateBookRequestValidator

Namespace: LibraryApi.Validators.Book

Assembly: LibraryApi.dll

```
public class CreateBookRequestValidator : AbstractValidator<CreateBookRequest>,
IValidator<CreateBookRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<CreateBookRequest> ← CreateBookRequestValidator

Implements

IValidator<CreateBookRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<CreateBookRequest>.Validate(CreateBookRequest) , AbstractValidator<CreateBookRequest>.ValidateAsync(CreateBookRequest, CancellationToken) , AbstractValidator<CreateBookRequest>.Validate(ValidationContext<CreateBookRequest>) , AbstractValidator<CreateBookRequest>.ValidateAsync(ValidationContext<CreateBookRequest>, CancellationToken) , AbstractValidator<CreateBookRequest>.CreateDescriptor() , AbstractValidator<CreateBookRequest>.RuleFor<TProperty>(Expression<Func<CreateBookRequest, TProperty>>) , AbstractValidator<CreateBookRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateBookRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<CreateBookRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateBookRequest, TProperty>>, Func<CreateBookRequest, TProperty, TTransformed>) , AbstractValidator<CreateBookRequest>.RuleForEach<TElement>(Expression<Func<CreateBookRequest, IEnumerable<TElement>>>) , AbstractValidator<CreateBookRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateBookRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<CreateBookRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateBookRequest, IEnumerable<TElement>>>, Func<CreateBookRequest, TElement, TTransformed>) ,

AbstractValidator<CreateBookRequest>.RuleSet(string, Action) , AbstractValidator<CreateBookRequest>.When(Func<CreateBookRequest, bool>, Action) , AbstractValidator<CreateBookRequest>.When(Func<CreateBookRequest, ValidationContext<CreateBookRequest>, bool>, Action) , AbstractValidator<CreateBookRequest>.Unless(Func<CreateBookRequest, bool>, Action) , AbstractValidator<CreateBookRequest>.Unless(Func<CreateBookRequest, ValidationContext<CreateBookRequest>, bool>, Action) , AbstractValidator<CreateBookRequest>.WhenAsync(Func<CreateBookRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateBookRequest>.WhenAsync(Func<CreateBookRequest, ValidationContext<CreateBookRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateBookRequest>.UnlessAsync(Func<CreateBookRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateBookRequest>.UnlessAsync(Func<CreateBookRequest, ValidationContext<CreateBookRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateBookRequest>.Include(IValidator<CreateBookRequest>) , AbstractValidator<CreateBookRequest>.Include<TValidator>(Func<CreateBookRequest, TValidator>) , AbstractValidator<CreateBookRequest>.GetEnumerator() , AbstractValidator<CreateBookRequest>.EnsureInstanceNotNull(object) , AbstractValidator<CreateBookRequest>.PreValidate(ValidationContext<CreateBookRequest>, ValidationResult) , AbstractValidator<CreateBookRequest>.RaiseValidationException(ValidationContext<CreateBookRequest>, ValidationResult) , AbstractValidator<CreateBookRequest>.CascadeMode , AbstractValidator<CreateBookRequest>.ClassLevelCascadeMode , AbstractValidator<CreateBookRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateBookRequestValidator()

```
public CreateBookRequestValidator()
```

Class RaiseBookPopularityRequestValidator

Namespace: LibraryApi.Validators.Book

Assembly: LibraryApi.dll

```
public class RaiseBookPopularityRequestValidator
: AbstractValidator<RaiseBookPopularityRequest>,
IValidator<RaiseBookPopularityRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<RaiseBookPopularityRequest> ← RaiseBookPopularityRequestValidator

Implements

IValidator<RaiseBookPopularityRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<RaiseBookPopularityRequest>.Validate(RaiseBookPopularityRequest) , AbstractValidator<RaiseBookPopularityRequest>.ValidateAsync(RaiseBookPopularityRequest, CancellationToken) , AbstractValidator<RaiseBookPopularityRequest>.Validate(ValidationContext<RaiseBookPopularityRequest>) , AbstractValidator<RaiseBookPopularityRequest>.ValidateAsync(ValidationContext<RaiseBookPopularityRequest>, CancellationToken) , AbstractValidator<RaiseBookPopularityRequest>.CreateDescriptor() , AbstractValidator<RaiseBookPopularityRequest>.RuleFor<TProperty>(Expression<Func<RaiseBookPopularityRequest, TProperty>>) , AbstractValidator<RaiseBookPopularityRequest>.Transform<TProperty, TTransformed>(Expression<Func<RaiseBookPopularityRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<RaiseBookPopularityRequest>.Transform<TProperty, TTransformed>(Expression<Func<RaiseBookPopularityRequest, TProperty>>, Func<RaiseBookPopularityRequest, TProperty, TTransformed>) , AbstractValidator<RaiseBookPopularityRequest>.RuleForEach<TElement>(Expression<Func<RaiseBookPopularityRequest, IEnumerable<TElement>>>) ,

AbstractValidator<RaiseBookPopularityRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<RaiseBookPopularityRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,
AbstractValidator<RaiseBookPopularityRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<RaiseBookPopularityRequest, IEnumerable<TElement>>>, Func<RaiseBookPopularityRequest, TElement, TTransformed>) ,
AbstractValidator<RaiseBookPopularityRequest>.RuleSet(string, Action) ,
AbstractValidator<RaiseBookPopularityRequest>.When(Func<RaiseBookPopularityRequest, bool>, Action) ,
AbstractValidator<RaiseBookPopularityRequest>.When(Func<RaiseBookPopularityRequest, ValidationContext<RaiseBookPopularityRequest>, bool>, Action) ,
AbstractValidator<RaiseBookPopularityRequest>.Unless(Func<RaiseBookPopularityRequest, bool>, Action) ,
AbstractValidator<RaiseBookPopularityRequest>.Unless(Func<RaiseBookPopularityRequest, ValidationContext<RaiseBookPopularityRequest>, bool>, Action) ,
AbstractValidator<RaiseBookPopularityRequest>.WhenAsync(Func<RaiseBookPopularityRequest, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<RaiseBookPopularityRequest>.WhenAsync(Func<RaiseBookPopularityRequest, ValidationContext<RaiseBookPopularityRequest>, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<RaiseBookPopularityRequest>.UnlessAsync(Func<RaiseBookPopularityRequest, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<RaiseBookPopularityRequest>.UnlessAsync(Func<RaiseBookPopularityRequest, ValidationContext<RaiseBookPopularityRequest>, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<RaiseBookPopularityRequest>.Include(IValidator<RaiseBookPopularityRequest>) ,
AbstractValidator<RaiseBookPopularityRequest>.Include<TValidator>(Func<RaiseBookPopularityRequest, TValidator>) ,
AbstractValidator<RaiseBookPopularityRequest>.GetEnumerator() ,
AbstractValidator<RaiseBookPopularityRequest>.EnsureInstanceNotNull(object) ,
AbstractValidator<RaiseBookPopularityRequest>.PreValidate(ValidationContext<RaiseBookPopularityRequest>, ValidationResult) ,
AbstractValidator<RaiseBookPopularityRequest>.RaiseValidationException(ValidationContext<RaiseBookPopularityRequest>, ValidationResult) ,
AbstractValidator<RaiseBookPopularityRequest>.CascadeMode ,
AbstractValidator<RaiseBookPopularityRequest>.ClassLevelCascadeMode ,
AbstractValidator<RaiseBookPopularityRequest>.RuleLevelCascadeMode ,
object.Equals(object) , object.Equals(object, object) , object.GetHashCode() ,

object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

RaiseBookPopularityRequestValidator()

```
public RaiseBookPopularityRequestValidator()
```

Class UpdateBookRequestValidator

Namespace: LibraryApi.Validators.Book

Assembly: LibraryApi.dll

```
public class UpdateBookRequestValidator : AbstractValidator<UpdateBookRequest>,
IValidator<UpdateBookRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<UpdateBookRequest> ← UpdateBookRequestValidator

Implements

IValidator<UpdateBookRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<UpdateBookRequest>.Validate(UpdateBookRequest) , AbstractValidator<UpdateBookRequest>.ValidateAsync(UpdateBookRequest, CancellationToken) , AbstractValidator<UpdateBookRequest>.Validate(ValidationContext<UpdateBookRequest>) , AbstractValidator<UpdateBookRequest>.ValidateAsync(ValidationContext<UpdateBookRequest>, CancellationToken) , AbstractValidator<UpdateBookRequest>.CreateDescriptor() , AbstractValidator<UpdateBookRequest>.RuleFor<TProperty>(Expression<Func<UpdateBookRequest, TProperty>>) , AbstractValidator<UpdateBookRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateBookRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<UpdateBookRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateBookRequest, TProperty>>, Func<UpdateBookRequest, TProperty, TTransformed>) , AbstractValidator<UpdateBookRequest>.RuleForEach<TElement>(Expression<Func<UpdateBookRequest, IEnumerable<TElement>>>) , AbstractValidator<UpdateBookRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateBookRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<UpdateBookRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateBookRequest, IEnumerable<TElement>>>, Func<UpdateBookRequest, TElement, TTransformed>) ,

AbstractValidator<UpdateBookRequest>.RuleSet(string, Action) ,
AbstractValidator<UpdateBookRequest>.When(Func<UpdateBookRequest, bool>, Action)
,
AbstractValidator<UpdateBookRequest>.When(Func<UpdateBookRequest,
ValidationContext<UpdateBookRequest>, bool>, Action) ,
AbstractValidator<UpdateBookRequest>.Unless(Func<UpdateBookRequest, bool>, Action)
,
AbstractValidator<UpdateBookRequest>.Unless(Func<UpdateBookRequest,
ValidationContext<UpdateBookRequest>, bool>, Action) ,
AbstractValidator<UpdateBookRequest>.WhenAsync(Func<UpdateBookRequest,
CancellationToken, Task<bool>>, Action) ,
AbstractValidator<UpdateBookRequest>.WhenAsync(Func<UpdateBookRequest,
ValidationContext<UpdateBookRequest>, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<UpdateBookRequest>.UnlessAsync(Func<UpdateBookRequest,
CancellationToken, Task<bool>>, Action) ,
AbstractValidator<UpdateBookRequest>.UnlessAsync(Func<UpdateBookRequest,
ValidationContext<UpdateBookRequest>, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<UpdateBookRequest>.Include(IValidator<UpdateBookRequest>) ,
AbstractValidator<UpdateBookRequest>.Include<TValidator>(Func<UpdateBookRequest,
TValidator>) ,
AbstractValidator<UpdateBookRequest>.GetEnumerator() ,
AbstractValidator<UpdateBookRequest>.EnsureInstanceNotNull(object) ,
AbstractValidator<UpdateBookRequest>.PreValidate(ValidationContext<UpdateBookRequest>, ValidationResult) ,
AbstractValidator<UpdateBookRequest>.RaiseValidationException(ValidationContext<UpdateBookRequest>, ValidationResult) ,
AbstractValidator<UpdateBookRequest>.CascadeMode ,
AbstractValidator<UpdateBookRequest>.ClassLevelCascadeMode ,
AbstractValidator<UpdateBookRequest>.RuleLevelCascadeMode , object.Equals(object) ,
object.Equals(object, object) , object.GetHashCode() , object.GetType() ,
object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateBookRequestValidator()

```
public UpdateBookRequestValidator()
```

Class UpdateBookStockAmountRequestCollectionValidator

Namespace: LibraryApi.Validators.Book

Assembly: LibraryApi.dll

```
public class UpdateBookStockAmountRequestCollectionValidator :
AbstractValidator<List<UpdateBookStockAmountRequest>>,
IValidator<List<UpdateBookStockAmountRequest>>, IValidator,
IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<List<UpdateBookStockAmountRequest>> ← UpdateBookStockAmountRequestCollectionValidator

Implements

IValidator<List<UpdateBookStockAmountRequest>>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<List<UpdateBookStockAmountRequest>>.Validate(List<UpdateBookStockAmountRequest>) , AbstractValidator<List<UpdateBookStockAmountRequest>>.ValidateAsync(List<UpdateBookStockAmountRequest>, CancellationToken) , AbstractValidator<List<UpdateBookStockAmountRequest>>.Validate(ValidationContext<List<UpdateBookStockAmountRequest>>) , AbstractValidator<List<UpdateBookStockAmountRequest>>.ValidateAsync(ValidationContext<List<UpdateBookStockAmountRequest>>, CancellationToken) , AbstractValidator<List<UpdateBookStockAmountRequest>>.CreateDescriptor() , AbstractValidator<List<UpdateBookStockAmountRequest>>.RuleFor<TProperty>(Expression<Func<List<UpdateBookStockAmountRequest>, TProperty>>) , AbstractValidator<List<UpdateBookStockAmountRequest>>.Transform<TProperty, TTransformed>(Expression<Func<List<UpdateBookStockAmountRequest>, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<List<UpdateBookStockAmountRequest>>.Transform<TProperty, TTransformed>(Expression<Func<List<UpdateBookStockAmountRequest>, TProperty>>, Func<List<UpdateBookStockAmountRequest>, TProperty, TTransformed>) ,

AbstractValidator<List<UpdateBookStockAmountRequest>>.RuleForEach<TElement>(Expression<Func<List<UpdateBookStockAmountRequest>, IEnumerable<TElement>>>) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.TransformForEach<TElement, TTransformed>(Expression<Func<List<UpdateBookStockAmountRequest>, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.TransformForEach<TElement, TTransformed>(Expression<Func<List<UpdateBookStockAmountRequest>, IEnumerable<TElement>>>, Func<List<UpdateBookStockAmountRequest>, TElement, TTransformed>) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.RuleSet(string, Action) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.When(Func<List<UpdateBookStockAmountRequest>, bool>, Action) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.When(Func<List<UpdateBookStockAmountRequest>, ValidationContext<List<UpdateBookStockAmountRequest>>, bool>, Action) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.Unless(Func<List<UpdateBookStockAmountRequest>, bool>, Action) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.Unless(Func<List<UpdateBookStockAmountRequest>, ValidationContext<List<UpdateBookStockAmountRequest>>, bool>, Action) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.WhenAsync(Func<List<UpdateBookStockAmountRequest>, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.WhenAsync(Func<List<UpdateBookStockAmountRequest>, ValidationContext<List<UpdateBookStockAmountRequest>>, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.UnlessAsync(Func<List<UpdateBookStockAmountRequest>, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.UnlessAsync(Func<List<UpdateBookStockAmountRequest>, ValidationContext<List<UpdateBookStockAmountRequest>>, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.Include(IValidator<List<UpdateBookStockAmountRequest>>) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.Include<TValidator>(Func<List<UpdateBookStockAmountRequest>, TValidator>) ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.GetEnumerator() ,
AbstractValidator<List<UpdateBookStockAmountRequest>>.EnsureInstanceNotNull(object) ,

AbstractValidator<List<UpdateBookStockAmountRequest>>.PreValidate(ValidationContext<List<UpdateBookStockAmountRequest>>, ValidationResult) , AbstractValidator<List<UpdateBookStockAmountRequest>>.RaiseValidationException(ValidationContext<List<UpdateBookStockAmountRequest>>, ValidationResult) , AbstractValidator<List<UpdateBookStockAmountRequest>>.CascadeMode , AbstractValidator<List<UpdateBookStockAmountRequest>>.ClassLevelCascadeMode , AbstractValidator<List<UpdateBookStockAmountRequest>>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateBookStockAmountRequestCollectionValidator()

```
public UpdateBookStockAmountRequestCollectionValidator()
```

Class UpdateBookStockAmountRequestValidator

Namespace: LibraryApi.Validators.Book

Assembly: LibraryApi.dll

```
public class UpdateBookStockAmountRequestValidator
: AbstractValidator<UpdateBookStockAmountRequest>,
IValidator<UpdateBookStockAmountRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<UpdateBookStockAmountRequest> ← UpdateBookStockAmountRequestValidator

Implements

IValidator<UpdateBookStockAmountRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<UpdateBookStockAmountRequest>.Validate(UpdateBookStockAmountRequest) , AbstractValidator<UpdateBookStockAmountRequest>.ValidateAsync(UpdateBookStockAmountRequest, CancellationToken) , AbstractValidator<UpdateBookStockAmountRequest>.Validate(ValidationContext<UpdateBookStockAmountRequest>) , AbstractValidator<UpdateBookStockAmountRequest>.ValidateAsync(ValidationContext<UpdateBookStockAmountRequest>, CancellationToken) , AbstractValidator<UpdateBookStockAmountRequest>.CreateDescriptor() , AbstractValidator<UpdateBookStockAmountRequest>.RuleFor<TProperty>(Expression<Func<UpdateBookStockAmountRequest, TProperty>>) , AbstractValidator<UpdateBookStockAmountRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateBookStockAmountRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<UpdateBookStockAmountRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateBookStockAmountRequest, TProperty>>, Func<UpdateBookStockAmountRequest, TProperty, TTransformed>) , AbstractValidator<UpdateBookStockAmountRequest>.RuleForEach<TElement>(Expression<Func<UpdateBookStockAmountRequest, IEnumerable<TElement>>>) ,

AbstractValidator<UpdateBookStockAmountRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateBookStockAmountRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<UpdateBookStockAmountRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateBookStockAmountRequest, IEnumerable<TElement>>>, Func<UpdateBookStockAmountRequest, TElement, TTransformed>) , AbstractValidator<UpdateBookStockAmountRequest>.RuleSet(string, Action) , AbstractValidator<UpdateBookStockAmountRequest>.When(Func<UpdateBookStockAmountRequest, bool>, Action) , AbstractValidator<UpdateBookStockAmountRequest>.When(Func<UpdateBookStockAmountRequest, ValidationContext<UpdateBookStockAmountRequest>, bool>, Action) , AbstractValidator<UpdateBookStockAmountRequest>.Unless(Func<UpdateBookStockAmountRequest, bool>, Action) , AbstractValidator<UpdateBookStockAmountRequest>.Unless(Func<UpdateBookStockAmountRequest, ValidationContext<UpdateBookStockAmountRequest>, bool>, Action) , AbstractValidator<UpdateBookStockAmountRequest>.WhenAsync(Func<UpdateBookStockAmountRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateBookStockAmountRequest>.WhenAsync(Func<UpdateBookStockAmountRequest, ValidationContext<UpdateBookStockAmountRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateBookStockAmountRequest>.UnlessAsync(Func<UpdateBookStockAmountRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateBookStockAmountRequest>.UnlessAsync(Func<UpdateBookStockAmountRequest, ValidationContext<UpdateBookStockAmountRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateBookStockAmountRequest>.Include(IValidator<UpdateBookStockAmountRequest>) , AbstractValidator<UpdateBookStockAmountRequest>.Include<TValidator>(Func<UpdateBookStockAmountRequest, TValidator>) , AbstractValidator<UpdateBookStockAmountRequest>.GetEnumerator() , AbstractValidator<UpdateBookStockAmountRequest>.EnsureInstanceNotNull(object) , AbstractValidator<UpdateBookStockAmountRequest>.PreValidate(ValidationContext<UpdateBookStockAmountRequest>, ValidationResult) , AbstractValidator<UpdateBookStockAmountRequest>.RaiseValidationException(ValidationContext<UpdateBookStockAmountRequest>, ValidationResult) , AbstractValidator<UpdateBookStockAmountRequest>.CascadeMode , AbstractValidator<UpdateBookStockAmountRequest>.ClassLevelCascadeMode , AbstractValidator<UpdateBookStockAmountRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() ,

object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateBookStockAmountRequestValidator()

```
public UpdateBookStockAmountRequestValidator()
```

Namespace LibraryApi.Validators.Genre

Classes

CreateGenreRequestValidator

UpdateGenreRequestValidator

Class CreateGenreRequestValidator

Namespace: LibraryApi.Validators.Genre

Assembly: LibraryApi.dll

```
public class CreateGenreRequestValidator : AbstractValidator<CreateGenreRequest>,
IValidator<CreateGenreRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<CreateGenreRequest> ← CreateGenreRequestValidator

Implements

IValidator<CreateGenreRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<CreateGenreRequest>.Validate(CreateGenreRequest) , AbstractValidator<CreateGenreRequest>.ValidateAsync(CreateGenreRequest, CancellationToken) , AbstractValidator<CreateGenreRequest>.Validate(ValidationContext<CreateGenreRequest>) , AbstractValidator<CreateGenreRequest>.ValidateAsync(ValidationContext<CreateGenreRequest>, CancellationToken) , AbstractValidator<CreateGenreRequest>.CreateDescriptor() , AbstractValidator<CreateGenreRequest>.RuleFor<TProperty>(Expression<Func<CreateGenreRequest, TProperty>>) , AbstractValidator<CreateGenreRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateGenreRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<CreateGenreRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateGenreRequest, TProperty>>, Func<CreateGenreRequest, TProperty, TTransformed>) , AbstractValidator<CreateGenreRequest>.RuleForEach<TElement>(Expression<Func<CreateGenreRequest, IEnumerable<TElement>>>) , AbstractValidator<CreateGenreRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateGenreRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<CreateGenreRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateGenreRequest, IEnumerable<TElement>>>, Func<CreateGenreRequest, TElement, TTransformed>) , AbstractValidator<CreateGenreRequest>.RuleSet(string, Action) , AbstractValidator<CreateGenreRequest>.When(Func<CreateGenreRequest, bool>, Action) , AbstractValidator<CreateGenreRequest>.When(Func<CreateGenreRequest, ValidationContext<CreateGenreRequest>, bool>, Action) , AbstractValidator<CreateGenreRequest>.Unless(Func<CreateGenreRequest, bool>, Action) , AbstractValidator<CreateGenreRequest>.Unless(Func<CreateGenreRequest, ValidationContext<CreateGenreRequest>, bool>, Action) , AbstractValidator<CreateGenreRequest>.WhenAsync(Func<CreateGenreRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateGenreRequest>.WhenAsync(Func<CreateGenreRequest, ValidationContext<CreateGenreRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateGenreRequest>.UnlessAsync(Func<CreateGenreRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateGenreRequest>.UnlessAsync(Func<CreateGenreRequest, ValidationContext<CreateGenreRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateGenreRequest>.Include(IValidator<CreateGenreRequest>) , AbstractValidator<CreateGenreRequest>.Include<TValidator>(Func<CreateGenreRequest, TValidator>) , AbstractValidator<CreateGenreRequest>.GetEnumerator() , AbstractValidator<CreateGenreRequest>.EnsureInstanceNotNull(object) , AbstractValidator<CreateGenreRequest>.PreValidate(ValidationContext<CreateGenreRequest>, ValidationResult) , AbstractValidator<CreateGenreRequest>.RaiseValidationException(ValidationContext<CreateGenreRequest>, ValidationResult) , AbstractValidator<CreateGenreRequest>.CascadeMode , AbstractValidator<CreateGenreRequest>.ClassLevelCascadeMode , AbstractValidator<CreateGenreRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateGenreRequestValidator()

```
public CreateGenreRequestValidator()
```

Class UpdateGenreRequestValidator

Namespace: LibraryApi.Validators.Genre

Assembly: LibraryApi.dll

```
public class UpdateGenreRequestValidator : AbstractValidator<UpdateGenreRequest>,
IValidator<UpdateGenreRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<UpdateGenreRequest> ← UpdateGenreRequestValidator

Implements

IValidator<UpdateGenreRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<UpdateGenreRequest>.Validate(UpdateGenreRequest) , AbstractValidator<UpdateGenreRequest>.ValidateAsync(UpdateGenreRequest, CancellationToken) , AbstractValidator<UpdateGenreRequest>.Validate(ValidationContext<UpdateGenreRequest>) , AbstractValidator<UpdateGenreRequest>.ValidateAsync(ValidationContext<UpdateGenreRequest>, CancellationToken) , AbstractValidator<UpdateGenreRequest>.CreateDescriptor() , AbstractValidator<UpdateGenreRequest>.RuleFor<TProperty>(Expression<Func<UpdateGenreRequest, TProperty>>) , AbstractValidator<UpdateGenreRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateGenreRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<UpdateGenreRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateGenreRequest, TProperty>>, Func<UpdateGenreRequest, TProperty, TTransformed>) , AbstractValidator<UpdateGenreRequest>.RuleForEach<TElement>(Expression<Func<UpdateGenreRequest, IEnumerable<TElement>>>) , AbstractValidator<UpdateGenreRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateGenreRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<UpdateGenreRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateGenreRequest, IEnumerable<TElement>>>, Func<UpdateGenreRequest, TElement, TTransformed>) , AbstractValidator<UpdateGenreRequest>.RuleSet(string, Action) , AbstractValidator<UpdateGenreRequest>.When(Func<UpdateGenreRequest, bool>, Action) , AbstractValidator<UpdateGenreRequest>.When(Func<UpdateGenreRequest, ValidationContext<UpdateGenreRequest>, bool>, Action) , AbstractValidator<UpdateGenreRequest>.Unless(Func<UpdateGenreRequest, bool>, Action) , AbstractValidator<UpdateGenreRequest>.Unless(Func<UpdateGenreRequest, ValidationContext<UpdateGenreRequest>, bool>, Action) , AbstractValidator<UpdateGenreRequest>.WhenAsync(Func<UpdateGenreRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateGenreRequest>.WhenAsync(Func<UpdateGenreRequest, ValidationContext<UpdateGenreRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateGenreRequest>.UnlessAsync(Func<UpdateGenreRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateGenreRequest>.UnlessAsync(Func<UpdateGenreRequest, ValidationContext<UpdateGenreRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateGenreRequest>.Include(IValidator<UpdateGenreRequest>) , AbstractValidator<UpdateGenreRequest>.Include<TValidator>(Func<UpdateGenreRequest, TValidator>) , AbstractValidator<UpdateGenreRequest>.GetEnumerator() , AbstractValidator<UpdateGenreRequest>.EnsureInstanceNotNull(object) , AbstractValidator<UpdateGenreRequest>.PreValidate(ValidationContext<UpdateGenreRequest>, ValidationResult) , AbstractValidator<UpdateGenreRequest>.RaiseValidationException(ValidationContext<UpdateGenreRequest>, ValidationResult) , AbstractValidator<UpdateGenreRequest>.CascadeMode , AbstractValidator<UpdateGenreRequest>.ClassLevelCascadeMode , AbstractValidator<UpdateGenreRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateGenreRequestValidator()

```
public UpdateGenreRequestValidator()
```

Namespace LibraryApi.Validators.Publisher

Classes

CreatePublisherRequestValidator

UpdatePublisherRequestValidator

Class CreatePublisherRequestValidator

Namespace: LibraryApi.Validators.Publisher

Assembly: LibraryApi.dll

```
public class CreatePublisherRequestValidator :
AbstractValidator<CreatePublisherRequest>, IValidator<CreatePublisherRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<CreatePublisherRequest> ← CreatePublisherRequestValidator

Implements

IValidator<CreatePublisherRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<CreatePublisherRequest>.Validate(CreatePublisherRequest) , AbstractValidator<CreatePublisherRequest>.ValidateAsync(CreatePublisherRequest, CancellationToken) , AbstractValidator<CreatePublisherRequest>.Validate(ValidationContext<CreatePublisherRequest>) , AbstractValidator<CreatePublisherRequest>.ValidateAsync(ValidationContext<CreatePublisherRequest>, CancellationToken) , AbstractValidator<CreatePublisherRequest>.CreateDescriptor() , AbstractValidator<CreatePublisherRequest>.RuleFor<TProperty>(Expression<Func<CreatePublisherRequest, TProperty>>) , AbstractValidator<CreatePublisherRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreatePublisherRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<CreatePublisherRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreatePublisherRequest, TProperty>>, Func<CreatePublisherRequest, TProperty, TTransformed>) , AbstractValidator<CreatePublisherRequest>.RuleForEach<TElement>(Expression<Func<CreatePublisherRequest, IEnumerable<TElement>>>) , AbstractValidator<CreatePublisherRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreatePublisherRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<CreatePublisherRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreatePublisherRequest, IEnumerable<TElement>>>, Func<CreatePublisherRequest, TElement, TTransformed>) , AbstractValidator<CreatePublisherRequest>.RuleSet(string, Action) , AbstractValidator<CreatePublisherRequest>.When(Func<CreatePublisherRequest, bool>, Action) , AbstractValidator<CreatePublisherRequest>.When(Func<CreatePublisherRequest, ValidationContext<CreatePublisherRequest>, bool>, Action) , AbstractValidator<CreatePublisherRequest>.Unless(Func<CreatePublisherRequest, bool>, Action) , AbstractValidator<CreatePublisherRequest>.Unless(Func<CreatePublisherRequest, ValidationContext<CreatePublisherRequest>, bool>, Action) , AbstractValidator<CreatePublisherRequest>.WhenAsync(Func<CreatePublisherRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreatePublisherRequest>.WhenAsync(Func<CreatePublisherRequest, ValidationContext<CreatePublisherRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreatePublisherRequest>.UnlessAsync(Func<CreatePublisherRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreatePublisherRequest>.UnlessAsync(Func<CreatePublisherRequest, ValidationContext<CreatePublisherRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreatePublisherRequest>.Include(IValidator<CreatePublisherRequest>) , AbstractValidator<CreatePublisherRequest>.Include<TValidator>(Func<CreatePublisherRequest, TValidator>) , AbstractValidator<CreatePublisherRequest>.GetEnumerator() , AbstractValidator<CreatePublisherRequest>.EnsureInstanceNotNull(object) , AbstractValidator<CreatePublisherRequest>.PreValidate(ValidationContext<CreatePublisherRequest>, ValidationResult) , AbstractValidator<CreatePublisherRequest>.RaiseValidationException(ValidationContext<CreatePublisherRequest>, ValidationResult) , AbstractValidator<CreatePublisherRequest>.CascadeMode , AbstractValidator<CreatePublisherRequest>.ClassLevelCascadeMode , AbstractValidator<CreatePublisherRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreatePublisherRequestValidator()

```
public CreatePublisherRequestValidator()
```

Class UpdatePublisherRequestValidator

Namespace: LibraryApi.Validators.Publisher

Assembly: LibraryApi.dll

```
public class UpdatePublisherRequestValidator :
AbstractValidator<UpdatePublisherRequest>, IValidator<UpdatePublisherRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<UpdatePublisherRequest> ← UpdatePublisherRequestValidator

Implements

IValidator<UpdatePublisherRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<UpdatePublisherRequest>.Validate(UpdatePublisherRequest) , AbstractValidator<UpdatePublisherRequest>.ValidateAsync(UpdatePublisherRequest, CancellationToken) , AbstractValidator<UpdatePublisherRequest>.Validate(ValidationContext<UpdatePublisherRequest>) , AbstractValidator<UpdatePublisherRequest>.ValidateAsync(ValidationContext<UpdatePublisherRequest>, CancellationToken) , AbstractValidator<UpdatePublisherRequest>.CreateDescriptor() , AbstractValidator<UpdatePublisherRequest>.RuleFor<TProperty>(Expression<Func<UpdatePublisherRequest, TProperty>>) , AbstractValidator<UpdatePublisherRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdatePublisherRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<UpdatePublisherRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdatePublisherRequest, TProperty>>, Func<UpdatePublisherRequest, TProperty, TTransformed>) , AbstractValidator<UpdatePublisherRequest>.RuleForEach<TElement>(Expression<Func<UpdatePublisherRequest, IEnumerable<TElement>>>) , AbstractValidator<UpdatePublisherRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdatePublisherRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<UpdatePublisherRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdatePublisherRequest, IEnumerable<TElement>>>, Func<UpdatePublisherRequest, TElement, TTransformed>) , AbstractValidator<UpdatePublisherRequest>.RuleSet(string, Action) , AbstractValidator<UpdatePublisherRequest>.When(Func<UpdatePublisherRequest, bool>, Action) , AbstractValidator<UpdatePublisherRequest>.When(Func<UpdatePublisherRequest, ValidationContext<UpdatePublisherRequest>, bool>, Action) , AbstractValidator<UpdatePublisherRequest>.Unless(Func<UpdatePublisherRequest, bool>, Action) , AbstractValidator<UpdatePublisherRequest>.Unless(Func<UpdatePublisherRequest, ValidationContext<UpdatePublisherRequest>, bool>, Action) , AbstractValidator<UpdatePublisherRequest>.WhenAsync(Func<UpdatePublisherRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdatePublisherRequest>.WhenAsync(Func<UpdatePublisherRequest, ValidationContext<UpdatePublisherRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdatePublisherRequest>.UnlessAsync(Func<UpdatePublisherRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdatePublisherRequest>.UnlessAsync(Func<UpdatePublisherRequest, ValidationContext<UpdatePublisherRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdatePublisherRequest>.Include(IValidator<UpdatePublisherRequest>) , AbstractValidator<UpdatePublisherRequest>.Include<TValidator>(Func<UpdatePublisherRequest, TValidator>) , AbstractValidator<UpdatePublisherRequest>.GetEnumerator() , AbstractValidator<UpdatePublisherRequest>.EnsureInstanceNotNull(object) , AbstractValidator<UpdatePublisherRequest>.PreValidate(ValidationContext<UpdatePublisherRequest>, ValidationResult) , AbstractValidator<UpdatePublisherRequest>.RaiseValidationException(ValidationContext<UpdatePublisherRequest>, ValidationResult) , AbstractValidator<UpdatePublisherRequest>.CascadeMode , AbstractValidator<UpdatePublisherRequest>.ClassLevelCascadeMode , AbstractValidator<UpdatePublisherRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdatePublisherRequestValidator()

```
public UpdatePublisherRequestValidator()
```

Namespace LibraryShopEntities.Data

Classes

LibraryDbContext

ShopDbContext

Class LibraryDbContext

Namespace: LibraryShopEntities.Data

Assembly: LibraryShopEntities.dll

```
public class LibraryDbContext : DbContext, IInfrastructure<IServiceProvider>,
IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService,
IDisposable, IAsyncDisposable
```

Inheritance

object ← DbContext ← LibraryDbContext

Implements

IInfrastructure<IServiceProvider>, IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService, IDisposable, IAsyncDisposable

Inherited Members

DbContext.Set<TEntity>() , DbContext.Set<TEntity>(string) , DbContext.OnConfiguring(DbContextOptionsBuilder) , DbContext.ConfigureConventions(ModelConfigurationBuilder) , DbContext.SaveChanges() , DbContext.SaveChanges(bool) , DbContext.SaveChangesAsync(CancellationToken) , DbContext.SaveChangesAsync(bool, CancellationToken) , DbContext.Dispose() , DbContext.DisposeAsync() , DbContext.Entry<TEntity>(TEntity) , DbContext.Entry(object) , DbContext.Add<TEntity>(TEntity) , DbContext.AddAsync<TEntity>(TEntity, CancellationToken) , DbContext.Attach<TEntity>(TEntity) , DbContext.Update<TEntity>(TEntity) , DbContext.Remove<TEntity>(TEntity) , DbContext.Add(object) , DbContext.AddAsync(object, CancellationToken) , DbContext.Attach(object) , DbContext.Update(object) , DbContext.Remove(object) , DbContext.AddRange(params object[]) , DbContext.AddRangeAsync(params object[]) , DbContext.AttachRange(params object[]) , DbContext.UpdateRange(params object[]) , DbContext.RemoveRange(params object[]) , DbContext.AddRange(IEnumerable<object>) , DbContext.AddRangeAsync(IEnumerable<object>, CancellationToken) , DbContext.AttachRange(IEnumerable<object>) , DbContext.UpdateRange(IEnumerable<object>) , DbContext.RemoveRange(IEnumerable<object>) , DbContext.Find(Type, params object[]) , DbContext.FindAsync(Type, params object[]) ,

DbContext.FindAsync(Type, object[], CancellationToken) , DbContext.Find<TEntity>(params object[]) , DbContext.FindAsync<TEntity>(params object[]) , DbContext.FindAsync<TEntity>(object[], CancellationToken) , DbContext.FromExpression<TResult>(Expression<Func<IQueryable<TResult>>>) , DbContext.Database , DbContext.ChangeTracker , DbContext.Model , DbContext.ContextId , DbContext.SavingChanges , DbContext.SavedChanges , DbContext.SaveChangesFailed , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LibraryDbContext(DbContextOptions)

```
public LibraryDbContext(DbContextOptions options)
```

Parameters

`options` DbContextOptions

Properties

Authors

```
public virtual DbSet<Author> Authors { get; set; }
```

Property Value

DbSet<Author>

BookPopularities

```
public virtual DbSet<BookPopularity> BookPopularities { get; set; }
```

Property Value

DbSet<BookPopularity>

Books

```
public virtual DbSet<Book> Books { get; set; }
```

Property Value

DbSet<Book>

Genres

```
public virtual DbSet<Genre> Genres { get; set; }
```

Property Value

DbSet<Genre>

Publishers

```
public virtual DbSet<Publisher> Publishers { get; set; }
```

Property Value

DbSet<Publisher>

Methods

OnModelCreating(ModelBuilder)

Override this method to further configure the model that was discovered by convention from the entity types exposed in DbSet<TEntity> properties on your derived context. The

resulting model may be cached and re-used for subsequent instances of your derived context.

```
protected override void OnModelCreating(ModelBuilder modelBuilder)
```

Parameters

`modelBuilder` ModelBuilder

The builder being used to construct the model for this context. Databases (and other extensions) typically define extension methods on this object that allow you to configure aspects of the model that are specific to a given database.

Remarks

If a model is explicitly set on the options for this context (via UseModel(IModel)) then this method will not be run. However, it will still run when creating a compiled model.

See Modeling entity types and relationships for more information and examples.

Class ShopDbContext

Namespace: LibraryShopEntities.Data

Assembly: LibraryShopEntities.dll

```
public class ShopDbContext : DbContext, IInfrastructure<IServiceProvider>,
IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService,
IDisposable, IAsyncDisposable
```

Inheritance

object ← DbContext ← ShopDbContext

Implements

IInfrastructure<IServiceProvider>, IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService, IDisposable, IAsyncDisposable

Inherited Members

DbContext.Set<TEntity>() , DbContext.Set<TEntity>(string) , DbContext.OnConfiguring(DbContextOptionsBuilder) , DbContext.ConfigureConventions(ModelConfigurationBuilder) , DbContext.SaveChanges() , DbContext.SaveChanges(bool) , DbContext.SaveChangesAsync(bool, CancellationToken) , DbContext.Dispose() , DbContext.DisposeAsync() , DbContext.Entry<TEntity>(TEntity) , DbContext.Entry(object) , DbContext.Add<TEntity>(TEntity) , DbContext.AddAsync<TEntity>(TEntity, CancellationToken) , DbContext.Attach<TEntity>(TEntity) , DbContext.Update<TEntity>(TEntity) , DbContext.Remove<TEntity>(TEntity) , DbContext.Add(object) , DbContext.AddAsync(object, CancellationToken) , DbContext.Attach(object) , DbContext.Update(object) , DbContext.Remove(object) , DbContext.AddRange(params object[]) , DbContext.AddRangeAsync(params object[]) , DbContext.AttachRange(params object[]) , DbContext.UpdateRange(params object[]) , DbContext.RemoveRange(params object[]) , DbContext.AddRange(IEnumerable<object>) , DbContext.AddRangeAsync(IEnumerable<object>, CancellationToken) , DbContext.AttachRange(IEnumerable<object>) , DbContext.UpdateRange(IEnumerable<object>) , DbContext.RemoveRange(IEnumerable<object>) , DbContext.Find(Type, params object[]) , DbContext.FindAsync(Type, params object[]) , DbContext.FindAsync(Type, object[], CancellationToken) ,

DbContext.Find<TEntity>(params object[]) , DbContext.FindAsync<TEntity>(params object[]) , DbContext.FindAsync<TEntity>(object[], CancellationToken) , DbContext.FromExpression<TResult>(Expression<Func<IQueryable<TResult>>>) , DbContext.Database , DbContext.ChangeTracker , DbContext.Model , DbContext.ContextId , DbContext.SavingChanges , DbContext.SavedChanges , DbContext.SaveChangesFailed , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ShopDbContext(DbContextOptions)

```
public ShopDbContext(DbContextOptions options)
```

Parameters

`options` DbContextOptions

Properties

CartBooks

```
public virtual DbSet<CartBook> CartBooks { get; set; }
```

Property Value

DbSet<CartBook>

Carts

```
public virtual DbSet<Cart> Carts { get; set; }
```

Property Value

DbSet<Cart>

Clients

```
public virtual DbSet<Client> Clients { get; set; }
```

Property Value

DbSet<Client>

OrderBooks

```
public virtual DbSet<OrderBook> OrderBooks { get; set; }
```

Property Value

DbSet<OrderBook>

Orders

```
public virtual DbSet<Order> Orders { get; set; }
```

Property Value

DbSet<Order>

StockBookChanges

```
public virtual DbSet<StockBookChange> StockBookChanges { get; set; }
```

Property Value

DbSet<StockBookChange>

StockBookOrders

```
public virtual DbSet<StockBookOrder> StockBookOrders { get; set; }
```

Property Value

DbSet<StockBookOrder>

Methods

OnModelCreating(ModelBuilder)

Override this method to further configure the model that was discovered by convention from the entity types exposed in DbSet<TEntity> properties on your derived context. The resulting model may be cached and re-used for subsequent instances of your derived context.

```
protected override void OnModelCreating(ModelBuilder modelBuilder)
```

Parameters

`modelBuilder` ModelBuilder

The builder being used to construct the model for this context. Databases (and other extensions) typically define extension methods on this object that allow you to configure aspects of the model that are specific to a given database.

Remarks

If a model is explicitly set on the options for this context (via UseModel(IModel)) then this method will not be run. However, it will still run when creating a compiled model.

See Modeling entity types and relationships for more information and examples.

SaveChangesAsync(CancellationToken)

Saves all changes made in this context to the database.

```
public override Task<int> SaveChangesAsync(CancellationToken cancellationToken
= default)
```

Parameters

`cancellationToken` CancellationToken

A CancellationToken to observe while waiting for the task to complete.

Returns

Task<int>

A task that represents the asynchronous save operation. The task result contains the number of state entries written to the database.

Remarks

This method will automatically call DetectChanges() to discover any changes to entity instances before saving to the underlying database. This can be disabled via AutoDetectChangesEnabled.

Entity Framework Core does not support multiple parallel operations being run on the same DbContext instance. This includes both parallel execution of async queries and any explicit concurrent use from multiple threads. Therefore, always await async calls immediately, or use separate DbContext instances for operations that execute in parallel. See Avoiding DbContext threading issues for more information and examples.

See Saving data in EF Core for more information and examples.

Exceptions

DbUpdateException

An error is encountered while saving to the database.

DbUpdateConcurrencyException

A concurrency violation is encountered while saving to the database. A concurrency violation occurs when an unexpected number of rows are affected during save. This is usually because the data in the database has been modified since it was loaded into memory.

OperationCanceledException

If the CancellationToken is canceled.

Namespace LibraryShopEntities.Domain.Dtos.Library

Classes

AuthorResponse

BookResponse

GenreResponse

PublisherResponse

Class AuthorResponse

Namespace: LibraryShopEntities.Domain.Dtos.Library

Assembly: LibraryShopEntities.dll

```
public class AuthorResponse
```

Inheritance

object ← AuthorResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

DateOfBirth

```
public DateTime DateOfBirth { get; set; }
```

Property Value

DateTime

Id

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

Property Value

int

LastName

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

Property Value

string

Name

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

Property Value

string

Class BookResponse

Namespace: LibraryShopEntities.Domain.Dtos.Library

Assembly: LibraryShopEntities.dll

```
public class BookResponse
```

Inheritance

object ← BookResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Author

```
public AuthorResponse Author { get; set; }
```

Property Value

AuthorResponse

CoverImgUrl

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

Property Value

string

CoverType

```
public CoverType CoverType { get; set; }
```

Property Value

CoverType

Description

```
public string? Description { get; set; }
```

Property Value

string

Genre

```
public GenreResponse Genre { get; set; }
```

Property Value

GenreResponse

Id

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

Property Value

int

Name

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

Property Value

string

PageAmount

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

Property Value

int

Price

```
public decimal Price { get; set; }
```

Property Value

decimal

PublicationDate

```
public DateTime PublicationDate { get; set; }
```

Property Value

DateTime

Publisher

```
public PublisherResponse Publisher { get; set; }
```

Property Value

PublisherResponse

StockAmount

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

Property Value

int

Class GenreResponse

Namespace: LibraryShopEntities.Domain.Dtos.Library

Assembly: LibraryShopEntities.dll

```
public class GenreResponse
```

Inheritance

object ← GenreResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Id

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

Property Value

int

Name

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

Property Value

string

Class PublisherResponse

Namespace: LibraryShopEntities.Domain.Dtos.Library

Assembly: LibraryShopEntities.dll

```
public class PublisherResponse
```

Inheritance

object ← PublisherResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Id

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

Property Value

int

Name

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

Property Value

string

Namespace LibraryShopEntities.Domain.Dtos.SharedRequests

Classes

GetByIdsRequest

RaiseBookPopularityRequest

UpdateBookStockAmountRequest

Class GetByIdsRequest

Namespace: LibraryShopEntities.Domain.Dtos.SharedRequests

Assembly: LibraryShopEntities.dll

```
public class GetByIdsRequest
```

Inheritance

object ← GetByIdsRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object)

Properties

Ids

```
public List<int> Ids { get; set; }
```

Property Value

List<int>

Methods

ToString()

Returns a string that represents the current object.

```
public override string ToString()
```

Returns

string

A string that represents the current object.

Class RaiseBookPopularityRequest

Namespace: LibraryShopEntities.Domain.Dtos.SharedRequests

Assembly: LibraryShopEntities.dll

```
public class RaiseBookPopularityRequest
```

Inheritance

object ← RaiseBookPopularityRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Ids

```
public List<int> Ids { get; set; }
```

Property Value

List<int>

Class UpdateBookStockAmountRequest

Namespace: LibraryShopEntities.Domain.Dtos.SharedRequests

Assembly: LibraryShopEntities.dll

```
public class UpdateBookStockAmountRequest
```

Inheritance

object ← UpdateBookStockAmountRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

BookId

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

Property Value

int

ChangeAmount

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

Property Value

int

Namespace LibraryShopEntities.Domain.Dtos.Shop

Classes

CartBookResponse

CartResponse

ClientResponse

OrderBookResponse

OrderResponse

StockBookChangeResponse

StockBookOrderResponse

Class CartBookResponse

Namespace: LibraryShopEntities.Domain.Dtos.Shop

Assembly: LibraryShopEntities.dll

```
public class CartBookResponse
```

Inheritance

object ← CartBookResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Book

```
public BookResponse Book { get; set; }
```

Property Value

BookResponse

BookAmount

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

Property Value

int

BookId

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

Property Value

int

Id

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

Property Value

string

Class CartResponse

Namespace: LibraryShopEntities.Domain.Dtos.Shop

Assembly: LibraryShopEntities.dll

```
public class CartResponse
```

Inheritance

object ← CartResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Books

```
public List<CartBookResponse> Books { get; set; }
```

Property Value

List<CartBookResponse>

Class ClientResponse

Namespace: LibraryShopEntities.Domain.Dtos.Shop

Assembly: LibraryShopEntities.dll

```
public class ClientResponse
```

Inheritance

object ← ClientResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Address

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

Property Value

string

DateOfBirth

```
public DateTime DateOfBirth { get; set; }
```

Property Value

DateTime

Email

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

Property Value

string

Id

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

Property Value

string

LastName

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

Property Value

string

MiddleName

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

Property Value

string

Name

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

Property Value

string

Phone

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

Property Value

string

UserId

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

Property Value

string

Class OrderBookResponse

Namespace: LibraryShopEntities.Domain.Dtos.Shop

Assembly: LibraryShopEntities.dll

```
public class OrderBookResponse
```

Inheritance

object ← OrderBookResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Book

```
public BookResponse Book { get; set; }
```

Property Value

BookResponse

BookAmount

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

Property Value

int

BookId

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

Property Value

int

BookPrice

```
public decimal BookPrice { get; set; }
```

Property Value

decimal

Id

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

Property Value

string

Class OrderResponse

Namespace: LibraryShopEntities.Domain.Dtos.Shop

Assembly: LibraryShopEntities.dll

```
public class OrderResponse
```

Inheritance

object ← OrderResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Client

```
public ClientResponse Client { get; set; }
```

Property Value

ClientResponse

ContactClientName

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

Property Value

string

ContactPhone

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

Property Value

string

CreatedAt

```
public DateTime CreatedAt { get; set; }
```

Property Value

DateTime

DeliveryAddress

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

Property Value

string

DeliveryMethod

```
public DeliveryMethod DeliveryMethod { get; set; }
```

Property Value

DeliveryMethod

DeliveryTime

```
public DateTime DeliveryTime { get; set; }
```

Property Value

DateTime

Id

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

Property Value

int

OrderAmount

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

Property Value

int

OrderBooks

```
public List<OrderBookResponse> OrderBooks { get; set; }
```

Property Value

List<OrderBookResponse>

OrderStatus

```
public OrderStatus OrderStatus { get; set; }
```

Property Value

OrderStatus

PaymentMethod

```
public PaymentMethod PaymentMethod { get; set; }
```

Property Value

PaymentMethod

TotalPrice

```
public decimal TotalPrice { get; set; }
```

Property Value

decimal

UpdatedAt

```
public DateTime UpdatedAt { get; set; }
```

Property Value

DateTime

Class StockBookChangeResponse

Namespace: LibraryShopEntities.Domain.Dtos.Shop

Assembly: LibraryShopEntities.dll

```
public class StockBookChangeResponse
```

Inheritance

object ← StockBookChangeResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Book

```
public BookResponse Book { get; set; }
```

Property Value

BookResponse

BookId

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

Property Value

int

ChangeAmount

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

Property Value

int

Id

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

Property Value

int

Class StockBookOrderResponse

Namespace: LibraryShopEntities.Domain.Dtos.Shop

Assembly: LibraryShopEntities.dll

```
public class StockBookOrderResponse
```

Inheritance

object ← StockBookOrderResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Client

```
public ClientResponse Client { get; set; }
```

Property Value

ClientResponse

CreatedAt

```
public DateTime CreatedAt { get; set; }
```

Property Value

DateTime

Id

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

Property Value

int

StockBookChanges

```
public List<StockBookChangeResponse> StockBookChanges { get; set; }
```

Property Value

List<StockBookChangeResponse>

TotalChangeAmount

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

Property Value

int

Type

```
public StockBookOrderType Type { get; set; }
```

Property Value

StockBookOrderType

UpdatedAt

```
public DateTime UpdatedAt { get; set; }
```

Property Value

DateTime

Namespace LibraryShopEntities.Domain.Entities

Interfaces

ITrackable

Interface ITrackable

Namespace: LibraryShopEntities.Domain.Entities

Assembly: LibraryShopEntities.dll

```
public interface ITrackable
```

Properties

CreatedAt

```
DateTime CreatedAt { get; set; }
```

Property Value

DateTime

UpdatedAt

```
DateTime UpdatedAt { get; set; }
```

Property Value

DateTime

Namespace LibraryShopEntities.Domain.Entities.Library

Classes

Author

BaseLibraryEntity

Book

BookPopularity

Genre

Publisher

Enums

CoverType

Class Author

Namespace: LibraryShopEntities.Domain.Entities.Library

Assembly: LibraryShopEntities.dll

```
public class Author : BaseLibraryEntity
```

Inheritance

object ← BaseLibraryEntity ← Author

Inherited Members

BaseLibraryEntity.Id , BaseLibraryEntity.Name , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

DateOfBirth

```
[Required]
public DateTime DateOfBirth { get; set; }
```

Property Value

DateTime

LastName

```
[Required]
[MaxLength(256)]
public string LastName { get; set; }
```

Property Value

string

Methods

Copy(BaseLibraryEntity)

```
public override void Copy(BaseLibraryEntity other)
```

Parameters

`other` BaseLibraryEntity

Class BaseLibraryEntity

Namespace: LibraryShopEntities.Domain.Entities.Library

Assembly: LibraryShopEntities.dll

```
public abstract class BaseLibraryEntity
```

Inheritance

object ← BaseLibraryEntity

Derived

Author, Book, Genre, Publisher

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Id

```
[Key]
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]
public int Id { get; set; }
```

Property Value

int

Name

```
[Required]
[MaxLength(256)]
public string Name { get; set; }
```

Property Value

string

Methods

Copy(BaseLibraryEntity)

```
public abstract void Copy(BaseLibraryEntity other)
```

Parameters

`other` BaseLibraryEntity

Class Book

Namespace: LibraryShopEntities.Domain.Entities.Library

Assembly: LibraryShopEntities.dll

```
public class Book : BaseLibraryEntity
```

Inheritance

object ← BaseLibraryEntity ← Book

Inherited Members

BaseLibraryEntity.Id , BaseLibraryEntity.Name , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Author

```
[ForeignKey("AuthorId")]
public Author Author { get; set; }
```

Property Value

Author

AuthorId

```
[Required]
public int AuthorId { get; set; }
```

Property Value

int

BookPopularity

```
public BookPopularity? BookPopularity { get; set; }
```

Property Value

BookPopularity

CoverImgUrl

```
[Required]
[MaxLength(1024)]
public string CoverImgUrl { get; set; }
```

Property Value

string

CoverType

```
[Required]
public CoverType CoverType { get; set; }
```

Property Value

CoverType

Description

```
[MaxLength(4096)]
public string? Description { get; set; }
```

Property Value

string

Genre

```
[ForeignKey("GenreId")]
public Genre Genre { get; set; }
```

Property Value

Genre

GenreId

```
[Required]
public int GenreId { get; set; }
```

Property Value

int

PageAmount

```
[Required]
[Range(1, 2147483647, ErrorMessage = "Page amount must be greater than 0")]
public int PageAmount { get; set; }
```

Property Value

int

Price

```
[Required]
[Column(TypeName = "decimal(18, 2)")]
public decimal Price { get; set; }
```

Property Value

decimal

PublicationDate

```
[Required]
public DateTime PublicationDate { get; set; }
```

Property Value

DateTime

Publisher

```
[ForeignKey("PublisherId")]
public Publisher Publisher { get; set; }
```

Property Value

Publisher

PublisherId

```
[Required]
public int PublisherId { get; set; }
```

Property Value

int

StockAmount

```
[Range(0, 2147483647, ErrorMessage = "Stock amount must be greater than or equal
to 0")]
```

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

Property Value

int

Methods

Copy(BaseLibraryEntity)

```
public override void Copy(BaseLibraryEntity other)
```

Parameters

other BaseLibraryEntity

Class BookPopularity

Namespace: LibraryShopEntities.Domain.Entities.Library

Assembly: LibraryShopEntities.dll

```
[Index("BookId", new string[] { }, IsUnique = true)]
public class BookPopularity
```

Inheritance

object ← BookPopularity

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Book

```
[ForeignKey("BookId")]
public Book Book { get; set; }
```

Property Value

Book

BookId

```
[Required]
public int BookId { get; set; }
```

Property Value

int

Id

```
[Key]
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]
public int Id { get; set; }
```

Property Value

int

Popularity

```
public float Popularity { get; set; }
```

Property Value

float

Enum CoverType

Namespace: LibraryShopEntities.Domain.Entities.Library

Assembly: LibraryShopEntities.dll

```
public enum CoverType
```

Fields

`Any = 0`

`Hard = 1`

`Soft = 2`

Class Genre

Namespace: LibraryShopEntities.Domain.Entities.Library

Assembly: LibraryShopEntities.dll

```
public class Genre : BaseLibraryEntity
```

Inheritance

object ← BaseLibraryEntity ← Genre

Inherited Members

BaseLibraryEntity.Id , BaseLibraryEntity.Name , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

Copy(BaseLibraryEntity)

```
public override void Copy(BaseLibraryEntity other)
```

Parameters

`other` BaseLibraryEntity

Class Publisher

Namespace: LibraryShopEntities.Domain.Entities.Library

Assembly: LibraryShopEntities.dll

```
public class Publisher : BaseLibraryEntity
```

Inheritance

object ← BaseLibraryEntity ← Publisher

Inherited Members

BaseLibraryEntity.Id , BaseLibraryEntity.Name , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

Copy(BaseLibraryEntity)

```
public override void Copy(BaseLibraryEntity other)
```

Parameters

`other` BaseLibraryEntity

Namespace LibraryShopEntities.Domain.Entities.Shop

Classes

Cart

CartBook

Client

Order

OrderBook

StockBookChange

StockBookOrder

Enums

DeliveryMethod

OrderStatus

PaymentMethod

StockBookOrderType

Class Cart

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
public class Cart
```

Inheritance

object ← Cart

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Books

```
public List<CartBook> Books { get; set; }
```

Property Value

List<CartBook>

Id

```
[Key]
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]
public string Id { get; set; }
```

Property Value

string

UserId

```
[Required]
[MaxLength(256)]
public string UserId { get; set; }
```

Property Value

string

Class CartBook

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
public class CartBook
```

Inheritance

object ← CartBook

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

BookAmount

```
[Required]
[Range(0, 2147483647, ErrorMessage = "Book amount must be greater or equal than 0")]
public int BookAmount { get; set; }
```

Property Value

int

BookId

```
[Required]
public int BookId { get; set; }
```

Property Value

int

Cart

```
[ForeignKey("CartId")]
public Cart Cart { get; set; }
```

Property Value

Cart

CartId

```
[Required]
public string CartId { get; set; }
```

Property Value

string

Id

```
[Key]
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]
public string Id { get; set; }
```

Property Value

string

Methods

Copy(CartBook)

```
public void Copy(CartBook other)
```

Parameters

other CartBook

Class Client

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
[Index("UserId", new string[] { }, IsUnique = true)]
public class Client
```

Inheritance

object ← Client

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Address

```
[MaxLength(512)]
public string Address { get; set; }
```

Property Value

string

DateOfBirth

```
[Required]
public DateTime DateOfBirth { get; set; }
```

Property Value

DateTime

Email

```
[Required]
[MaxLength(256)]
public string Email { get; set; }
```

Property Value

string

Id

```
[Key]
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]
public string Id { get; set; }
```

Property Value

string

LastName

```
[MaxLength(256)]
public string LastName { get; set; }
```

Property Value

string

MiddleName

```
[MaxLength(256)]
public string MiddleName { get; set; }
```

Property Value

string

Name

```
[Required]
[MaxLength(256)]
public string Name { get; set; }
```

Property Value

string

Orders

```
public List<Order> Orders { get; set; }
```

Property Value

List<Order>

Phone

```
[Required]
[MinLength(10)]
[MaxLength(50)]
[Phone]
public string Phone { get; set; }
```

Property Value

string

UserId

```
[Required]
[MaxLength(256)]
public string UserId { get; set; }
```

Property Value

string

Methods

Copy(Client)

```
public void Copy(Client other)
```

Parameters

`other` Client

Enum DeliveryMethod

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
public enum DeliveryMethod
```

Fields

`AddressDelivery = 1`

`SelfPickup = 0`

Class Order

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
public class Order : ITrackable
```

Inheritance

object ← Order

Implements

ITrackable

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Client

```
[ForeignKey("ClientId")]
public Client Client { get; set; }
```

Property Value

Client

ClientId

```
[Required]
public string ClientId { get; set; }
```

Property Value

string

ContactClientName

```
[Required]
[MaxLength(256)]
public string ContactClientName { get; set; }
```

Property Value

string

ContactPhone

```
[Required]
[MinLength(10)]
[MaxLength(50)]
[Phone]
public string ContactPhone { get; set; }
```

Property Value

string

CreatedAt

```
[Required]
public DateTime CreatedAt { get; set; }
```

Property Value

DateTime

DeliveryAddress

```
[Required]
[MaxLength(512)]
public string DeliveryAddress { get; set; }
```

Property Value

string

DeliveryMethod

```
[Required]
public DeliveryMethod DeliveryMethod { get; set; }
```

Property Value

DeliveryMethod

DeliveryTime

```
[Required]
public DateTime DeliveryTime { get; set; }
```

Property Value

DateTime

Id

```
[Key]
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]
public int Id { get; set; }
```

Property Value

int

OrderAmount

```
[Range(1, 2147483647, ErrorMessage = "Order amount must be at least 1.")]
public int OrderAmount { get; set; }
```

Property Value

int

OrderBooks

```
public List<OrderBook> OrderBooks { get; set; }
```

Property Value

List<OrderBook>

OrderStatus

```
[Required]
public OrderStatus OrderStatus { get; set; }
```

Property Value

OrderStatus

PaymentMethod

```
[Required]
public PaymentMethod PaymentMethod { get; set; }
```

Property Value

PaymentMethod

TotalPrice

```
[Required]
[Column(TypeName = "decimal(18, 2)")]
public decimal TotalPrice { get; set; }
```

Property Value

decimal

UpdatedAt

```
[Required]
public DateTime UpdatedAt { get; set; }
```

Property Value

DateTime

Methods

Copy(Order)

```
public void Copy(Order other)
```

Parameters

`other` Order

Class OrderBook

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
public class OrderBook
```

Inheritance

object ← OrderBook

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

BookAmount

```
[Required]
[Range(1, 2147483647, ErrorMessage = "Book amount must be greater than 0")]
public int BookAmount { get; set; }
```

Property Value

int

BookId

```
[Required]
public int BookId { get; set; }
```

Property Value

int

BookPrice

```
[Required]
public decimal BookPrice { get; set; }
```

Property Value

decimal

Id

```
[Key]
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]
public string Id { get; set; }
```

Property Value

string

Order

```
[ForeignKey("OrderId")]
public Order Order { get; set; }
```

Property Value

Order

OrderId

```
[Required]
public int OrderId { get; set; }
```

Property Value

int

Enum OrderStatus

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
public enum OrderStatus
```

Fields

`Canceled = -1`

`Completed = 1`

`InProcessing = 0`

Enum PaymentMethod

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
public enum PaymentMethod
```

Fields

`Cash = 0`

Class StockBookChange

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
public class StockBookChange
```

Inheritance

object ← StockBookChange

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

BookId

```
[Required]
public int BookId { get; set; }
```

Property Value

int

ChangeAmount

```
[Required]
public int ChangeAmount { get; set; }
```

Property Value

int

Id

```
[Key]
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]
public int Id { get; set; }
```

Property Value

int

Class StockBookOrder

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
public class StockBookOrder : ITrackable
```

Inheritance

object ← StockBookOrder

Implements

ITrackable

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Client

```
[ForeignKey("ClientId")]
public Client Client { get; set; }
```

Property Value

Client

ClientId

```
[Required]
public string ClientId { get; set; }
```

Property Value

string

CreatedAt

```
[Required]
public DateTime CreatedAt { get; set; }
```

Property Value

DateTime

Id

```
[Key]
[DatabaseGenerated(DatabaseGeneratedOption.Identity)]
public int Id { get; set; }
```

Property Value

int

StockBookChanges

```
public List<StockBookChange> StockBookChanges { get; set; }
```

Property Value

List<StockBookChange>

TotalChangeAmount

```
[Required]
public int TotalChangeAmount { get; set; }
```

Property Value

int

Type

```
[Required]
public StockBookOrderType Type { get; set; }
```

Property Value

StockBookOrderType

UpdatedAt

```
[Required]
public DateTime UpdatedAt { get; set; }
```

Property Value

DateTime

Enum StockBookOrderType

Namespace: LibraryShopEntities.Domain.Entities.Shop

Assembly: LibraryShopEntities.dll

```
public enum StockBookOrderType
```

Fields

`ClientOrder = 1`

`ClientOrderCancel = 2`

`ManagerOrderCancel = 3`

`StockReplenishment = 0`

Namespace LibraryShopEntities.Filters

Classes

BookFilterRequest

GetOrdersFilter

LibraryFilterRequest

Enums

BookSorting

Class BookFilterRequest

Namespace: LibraryShopEntities.Filters

Assembly: LibraryShopEntities.dll

```
public class BookFilterRequest : LibraryFilterRequest
```

Inheritance

object ← PaginationRequest ← LibraryFilterRequest ← BookFilterRequest

Inherited Members

LibraryFilterRequest.ContainsName , PaginationRequest.PageNumber , PaginationRequest.PageSize , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object)

Properties

AuthorId

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

Property Value

int?

CoverType

```
public CoverType? CoverType { get; set; }
```

Property Value

CoverType?

GenreId

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

Property Value

int?

MaxPageAmount

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

Property Value

int?

MaxPrice

```
public decimal? MaxPrice { get; set; }
```

Property Value

decimal?

MinPageAmount

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

Property Value

int?

MinPrice

```
public decimal? MinPrice { get; set; }
```

Property Value

decimal?

OnlyInStock

```
public bool? OnlyInStock { get; set; }
```

Property Value

bool?

PublicationFrom

```
public DateTime? PublicationFrom { get; set; }
```

Property Value

DateTime?

PublicationTo

```
public DateTime? PublicationTo { get; set; }
```

Property Value

DateTime?

PublisherId

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

Property Value

int?

Sorting

```
public BookSorting? Sorting { get; set; }
```

Property Value

BookSorting?

Methods

ToString()

Returns a string that represents the current object.

```
public override string ToString()
```

Returns

string

A string that represents the current object.

Enum BookSorting

Namespace: LibraryShopEntities.Filters

Assembly: LibraryShopEntities.dll

```
public enum BookSorting
```

Fields

`LeastPopular = 1`

`MostPopular = 0`

Class GetOrdersFilter

Namespace: LibraryShopEntities.Filters

Assembly: LibraryShopEntities.dll

```
public class GetOrdersFilter : PaginationRequest
```

Inheritance

object ← PaginationRequest ← GetOrdersFilter

Inherited Members

PaginationRequest.PageNumber , PaginationRequest.PageSize , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ClientId

```
public string? ClientId { get; set; }
```

Property Value

string

Class LibraryFilterRequest

Namespace: LibraryShopEntities.Filters

Assembly: LibraryShopEntities.dll

```
public class LibraryFilterRequest : PaginationRequest
```

Inheritance

object ← PaginationRequest ← LibraryFilterRequest

Derived

BookFilterRequest

Inherited Members

PaginationRequest.PageNumber , PaginationRequest.PageSize , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object)

Properties

ContainsName

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

Property Value

string

Methods

ToString()

Returns a string that represents the current object.

```
public override string ToString()
```

Returns

string

A string that represents the current object.

Namespace LibraryShopEntities.Repositories.Library

Classes

AuthorRepository

BookRepository

LibraryEntityRepository<TEntity>

Interfaces

IBookRepository

ILibraryEntityRepository<TEntity>

Class AuthorRepository

Namespace: LibraryShopEntities.Repositories.Library

Assembly: LibraryShopEntities.dll

```
public class AuthorRepository : LibraryEntityRepository<Author>,
ILibraryEntityRepository<Author>
```

Inheritance

object ← LibraryEntityRepository<Author> ← AuthorRepository

Implements

ILibraryEntityRepository<Author>

Inherited Members

LibraryEntityRepository<Author>.repository , LibraryEntityRepository<Author>.GetByIdAsync(int, CancellationToken) , LibraryEntityRepository<Author>.GetByIdsAsync(List<int>, CancellationToken) , LibraryEntityRepository<Author>.GetPaginatedAsync(LibraryFilterRequest, CancellationToken) , LibraryEntityRepository<Author>.GetItemTotalAmountAsync(LibraryFilterRequest, CancellationToken) , LibraryEntityRepository<Author>.CreateAsync(Author, CancellationToken) , LibraryEntityRepository<Author>.UpdateAsync(Author, CancellationToken) , LibraryEntityRepository<Author>.UpdateRangeAsync(Author[], CancellationToken) , LibraryEntityRepository<Author>.DeleteAsync(Author, CancellationToken) , LibraryEntityRepository<Author>.ApplyOrdering(IQueryable<Author>) , LibraryEntityRepository<Author>.ApplyPagination(IQueryable<Author>, LibraryFilterRequest) , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AuthorRepository(IDatabaseRepository<LibraryDbContext>)

```
public AuthorRepository(IDatabaseRepository<LibraryDbContext> repository)
```

Parameters

`repository` IDatabaseRepository<LibraryDbContext>

Methods

ApplyFilter(IQueryable<Author>, LibraryFilterRequest)

```
protected override IQueryable<Author> ApplyFilter(IQueryable<Author> query,
LibraryFilterRequest req)
```

Parameters

`query` IQueryable<Author>

`req` LibraryFilterRequest

Returns

IQueryable<Author>

Class BookRepository

Namespace: LibraryShopEntities.Repositories.Library

Assembly: LibraryShopEntities.dll

```
public class BookRepository : LibraryEntityRepository<Book>, IBookRepository,
ILibraryEntityRepository<Book>
```

Inheritance

object ← LibraryEntityRepository<Book> ← BookRepository

Implements

IBookRepository, ILibraryEntityRepository<Book>

Inherited Members

LibraryEntityRepository<Book>.repository , LibraryEntityRepository<Book>.UpdateRangeAsync(Book[], CancellationToken) , LibraryEntityRepository<Book>.DeleteAsync(Book, CancellationToken) , LibraryEntityRepository<Book>.ApplyFilter(IQueryable<Book>, LibraryFilterRequest) , LibraryEntityRepository<Book>.ApplyOrdering(IQueryable<Book>) , LibraryEntityRepository<Book>.ApplyPagination(IQueryable<Book>, LibraryFilterRequest) , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

BookRepository(IDatabaseRepository<LibraryDbContext>)

```
public BookRepository(IDatabaseRepository<LibraryDbContext> repository)
```

Parameters

`repository` IDatabaseRepository<LibraryDbContext>

Methods

CreateAsync(Book, CancellationToken)

```
public override Task<Book> CreateAsync(Book book, CancellationToken
cancellationToken)
```

Parameters

`book` Book

`cancellationToken` CancellationToken

Returns

Task<Book>

GetByIdAsync(int, CancellationToken)

```
public override Task<Book?> GetByIdAsync(int id, CancellationToken
cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<Book>

GetByIdsAsync(List<int>, CancellationToken)

```
public override Task<IEnumerable<Book>> GetByIdsAsync(List<int> ids,
CancellationToken cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<Book>>

GetItemTotalAmountAsync(LibraryFilterRequest, CancellationToken)

```
public override Task<int> GetItemTotalAmountAsync(LibraryFilterRequest req,
CancellationToken cancellationToken)
```

Parameters

`req` LibraryFilterRequest

`cancellationToken` CancellationToken

Returns

Task<int>

GetPaginatedAsync(LibraryFilterRequest, CancellationToken)

```
public override Task<IEnumerable<Book>> GetPaginatedAsync(LibraryFilterRequest req,
CancellationToken cancellationToken)
```

Parameters

`req` LibraryFilterRequest

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<Book>>

GetPopularitiesByIdsAsync(List<int>, CancellationToken)

```
public Task<IEnumerable<BookPopularity>> GetPopularitiesByIdsAsync(List<int> ids,
CancellationToken cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<BookPopularity>>

UpdateAsync(Book, CancellationToken)

```
public override Task<Book> UpdateAsync(Book book, CancellationToken
cancellationToken)
```

Parameters

`book` Book

`cancellationToken` CancellationToken

Returns

Task<Book>

UpdatePopularityRangeAsync(IEnumerable<BookPopularity>, CancellationToken)

```
public Task UpdatePopularityRangeAsync(IEnumerable<BookPopularity> popularities,
CancellationToken cancellationToken)
```

Parameters

`popularities` IEnumerable<BookPopularity>

`cancellationToken` CancellationToken

Returns

Task

Interface IBookRepository

Namespace: LibraryShopEntities.Repositories.Library

Assembly: LibraryShopEntities.dll

```
public interface IBookRepository : ILibraryEntityRepository<Book>
```

Inherited Members
ILibraryEntityRepository<Book>.CreateAsync(Book, CancellationToken) , ILibraryEntityRepository<Book>.DeleteAsync(Book, CancellationToken) , ILibraryEntityRepository<Book>.GetByIdAsync(int, CancellationToken) , ILibraryEntityRepository<Book>.GetByIdsAsync(List<int>, CancellationToken) , ILibraryEntityRepository<Book>.GetItemTotalAmountAsync(LibraryFilterRequest, CancellationToken) , ILibraryEntityRepository<Book>.GetPaginatedAsync(LibraryFilterRequest, CancellationToken) , ILibraryEntityRepository<Book>.UpdateAsync(Book, CancellationToken) , ILibraryEntityRepository<Book>.UpdateRangeAsync(Book[], CancellationToken)

Methods

GetPopularitiesByIdsAsync(List<int>, CancellationToken)

```
Task<IEnumerable<BookPopularity>> GetPopularitiesByIdsAsync(List<int> ids,
CancellationToken cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<BookPopularity>>

UpdatePopularityRangeAsync(IEnumerable<BookPopularity>, CancellationToken)

```
Task UpdatePopularityRangeAsync(IEnumerable<BookPopularity> popularities,
CancellationToken cancellationToken)
```

Parameters

`popularities` IEnumerable<BookPopularity>

`cancellationToken` CancellationToken

Returns

Task

Interface ILibraryEntityRepository<TEntity>

Namespace: LibraryShopEntities.Repositories.Library

Assembly: LibraryShopEntities.dll

```
public interface ILibraryEntityRepository<TEntity> where TEntity : BaseLibraryEntity
```

Type Parameters

`TEntity`

Methods

CreateAsync(TEntity, CancellationToken)

```
Task<TEntity> CreateAsync(TEntity entity, CancellationToken cancellationToken)
```

Parameters

`entity` TEntity

`cancellationToken` CancellationToken

Returns

Task<TEntity>

DeleteAsync(TEntity, CancellationToken)

```
Task DeleteAsync(TEntity entity, CancellationToken cancellationToken)
```

Parameters

`entity` TEntity

`cancellationToken` CancellationToken

Returns

Task

GetByIdAsync(int, CancellationToken)

```
Task<TEntity?> GetByIdAsync(int id, CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<TEntity>

GetByIdsAsync(List<int>, CancellationToken)

```
Task<IEnumerable<TEntity>> GetByIdsAsync(List<int> ids, CancellationToken
cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<TEntity>>

GetItemTotalAmountAsync(LibraryFilterRequest, CancellationToken)

```
Task<int> GetItemTotalAmountAsync(LibraryFilterRequest req,
CancellationToken cancellationToken)
```

Parameters

`req` LibraryFilterRequest

`cancellationToken` CancellationToken

Returns

Task<int>

GetPaginatedAsync(LibraryFilterRequest, CancellationToken)

```
Task<IEnumerable<TEntity>> GetPaginatedAsync(LibraryFilterRequest req,
CancellationToken cancellationToken)
```

Parameters

`req` LibraryFilterRequest

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<TEntity>>

UpdateAsync(TEntity, CancellationToken)

```
Task<TEntity> UpdateAsync(TEntity entity, CancellationToken cancellationToken)
```

Parameters

`entity` TEntity

`cancellationToken` CancellationToken

Returns

Task<TEntity>

UpdateRangeAsync(TEntity[], CancellationToken)

```
Task UpdateRangeAsync(TEntity[] entities, CancellationToken cancellationToken)
```

Parameters

`entities` TEntity[]

`cancellationToken` CancellationToken

Returns

Task

Class LibraryEntityRepository<TEntity>

Namespace: LibraryShopEntities.Repositories.Library

Assembly: LibraryShopEntities.dll

```
public class LibraryEntityRepository<TEntity> : ILibraryEntityRepository<TEntity>
where TEntity : BaseLibraryEntity
```

Type Parameters

`TEntity`

Inheritance

object ← LibraryEntityRepository<TEntity>

Implements

ILibraryEntityRepository<TEntity>

Derived

AuthorRepository, BookRepository

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LibraryEntityRepository(IDatabaseRepository<LibraryDbContext>)

```
public LibraryEntityRepository(IDatabaseRepository<LibraryDbContext> repository)
```

Parameters

`repository` IDatabaseRepository<LibraryDbContext>

Fields

repository

```
protected readonly IDatabaseRepository<LibraryDbContext> repository
```

Field Value

IDatabaseRepository<LibraryDbContext>

Methods

ApplyFilter(IQueryable<TEntity>, LibraryFilterRequest)

```
protected virtual IQueryable<TEntity> ApplyFilter(IQueryable<TEntity> query,
LibraryFilterRequest req)
```

Parameters

`query` IQueryable<TEntity>

`req` LibraryFilterRequest

Returns

IQueryable<TEntity>

ApplyOrdering(IQueryable<TEntity>)

```
protected virtual IQueryable<TEntity> ApplyOrdering(IQueryable<TEntity> query)
```

Parameters

`query` IQueryable<TEntity>

Returns

IQueryable<TEntity>

ApplyPagination(IQueryable<TEntity>, LibraryFilterRequest)

```
protected virtual IQueryable<TEntity> ApplyPagination(IQueryable<TEntity> query,
LibraryFilterRequest req)
```

Parameters

`query` IQueryable<TEntity>

`req` LibraryFilterRequest

Returns

IQueryable<TEntity>

CreateAsync(TEntity, CancellationToken)

```
public virtual Task<TEntity> CreateAsync(TEntity entity, CancellationToken
cancellationToken)
```

Parameters

`entity` TEntity

`cancellationToken` CancellationToken

Returns

Task<TEntity>

DeleteAsync(TEntity, CancellationToken)

```
public virtual Task DeleteAsync(TEntity entity, CancellationToken cancellationToken)
```

Parameters

`entity` TEntity

`cancellationToken` CancellationToken

Returns

Task

GetByIdAsync(int, CancellationToken)

```
public virtual Task<TEntity?> GetByIdAsync(int id, CancellationToken
cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<TEntity>

GetByIdsAsync(List<int>, CancellationToken)

```
public virtual Task<IEnumerable<TEntity>> GetByIdsAsync(List<int> ids,
CancellationToken cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<TEntity>>

GetItemTotalAmountAsync(LibraryFilterRequest, CancellationToken)

```
public virtual Task<int> GetItemTotalAmountAsync(LibraryFilterRequest req,
CancellationToken cancellationToken)
```

Parameters

`req` LibraryFilterRequest

`cancellationToken` CancellationToken

Returns

Task<int>

GetPaginatedAsync(LibraryFilterRequest, CancellationToken)

```
public virtual Task<IEnumerable<TEntity>> GetPaginatedAsync(LibraryFilterRequest
req, CancellationToken cancellationToken)
```

Parameters

`req` LibraryFilterRequest

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<TEntity>>

UpdateAsync(TEntity, CancellationToken)

```
public virtual Task<TEntity> UpdateAsync(TEntity entity, CancellationToken
cancellationToken)
```

Parameters

`entity` TEntity

`cancellationToken` CancellationToken

Returns

Task <TEntity>

UpdateRangeAsync(TEntity[], CancellationToken)

```
public virtual Task UpdateRangeAsync(TEntity[] entities, CancellationToken
cancellationToken)
```

Parameters

`entities` TEntity[]

`cancellationToken` CancellationToken

Returns

Task

Namespace LibraryShopEntities.Repositories.Shop

Classes

CartRepository

ClientRepository

OrderRepository

StockBookOrderRepository

Interfaces

ICartRepository

IClientRepository

IOrderRepository

IStockBookOrderRepository

Class CartRepository

Namespace: LibraryShopEntities.Repositories.Shop

Assembly: LibraryShopEntities.dll

```
public class CartRepository : ICartRepository
```

Inheritance

object ← CartRepository

Implements

ICartRepository

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CartRepository(IDatabaseRepository<ShopDbContext>)

```
public CartRepository(IDatabaseRepository<ShopDbContext> repository)
```

Parameters

`repository` IDatabaseRepository<ShopDbContext>

Methods

AddCartAsync(Cart, CancellationToken)

```
public Task<Cart> AddCartAsync(Cart cart, CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`cancellationToken` CancellationToken

Returns

Task<Cart>

CheckBookInCartAsync(string, string, CancellationToken)

```
public Task<bool> CheckBookInCartAsync(string cartId, string id,
CancellationToken cancellationToken)
```

Parameters

`cartId` string

`id` string

`cancellationToken` CancellationToken

Returns

Task<bool>

DeleteCartBookAsync(CartBook, CancellationToken)

```
public Task DeleteCartBookAsync(CartBook cartBook, CancellationToken
cancellationToken)
```

Parameters

`cartBook` CartBook

`cancellationToken` CancellationToken

Returns

Task

GetCartBookByBookIdAsync(string, int, CancellationToken)

```
public Task<CartBook?> GetCartBookByBookIdAsync(string cartId, int bookId,
CancellationToken cancellationToken)
```

Parameters

`cartId` string

`bookId` int

`cancellationToken` CancellationToken

Returns

Task<CartBook>

GetCartBookByIdAsync(string, string, CancellationToken)

```
public Task<CartBook?> GetCartBookByIdAsync(string cartId, string id,
CancellationToken cancellationToken)
```

Parameters

`cartId` string

`id` string

`cancellationToken` CancellationToken

Returns

Task<CartBook>

GetCartByUserIdAsync(string, bool, CancellationToken)

```
public Task<Cart?> GetCartByUserIdAsync(string userId, bool includeBooks,
CancellationToken cancellationToken)
```

Parameters

`userId` string

`includeBooks` bool

`cancellationToken` CancellationToken

Returns

Task<Cart>

UpdateCartAsync(Cart, CancellationToken)

```
public Task<Cart> UpdateCartAsync(Cart cart, CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`cancellationToken` CancellationToken

Returns

Task<Cart>

UpdateCartBookAsync(CartBook, CancellationToken)

```
public Task<CartBook> UpdateCartBookAsync(CartBook cartBook,
CancellationToken cancellationToken)
```

Parameters

`cartBook` CartBook

`cancellationToken` CancellationToken

Returns

Task<CartBook>

Class ClientRepository

Namespace: LibraryShopEntities.Repositories.Shop

Assembly: LibraryShopEntities.dll

```
public class ClientRepository : IClientRepository
```

Inheritance

object ← ClientRepository

Implements

IClientRepository

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ClientRepository(IDatabaseRepository<ShopDbContext>)

```
public ClientRepository(IDatabaseRepository<ShopDbContext> repository)
```

Parameters

`repository` IDatabaseRepository<ShopDbContext>

Methods

CreateClientAsync(Client, CancellationToken)

```
public Task<Client> CreateClientAsync(Client client, CancellationToken
cancellationToken)
```

Parameters

`client` Client

`cancellationToken` CancellationToken

Returns

Task<Client>

DeleteClientAsync(Client, CancellationToken)

```
public Task DeleteClientAsync(Client client, CancellationToken cancellationToken)
```

Parameters

`client` Client

`cancellationToken` CancellationToken

Returns

Task

GetClientByUserIdAsync(string, CancellationToken)

```
public Task<Client?> GetClientByUserIdAsync(string userId,
CancellationToken cancellationToken)
```

Parameters

`userId` string

`cancellationToken` CancellationToken

Returns

Task<Client>

UpdateClientAsync(Client, CancellationToken)

```
public Task<Client> UpdateClientAsync(Client client, CancellationToken
cancellationToken)
```

Parameters

`client` Client

`cancellationToken` CancellationToken

Returns

Task<Client>

Interface ICartRepository

Namespace: LibraryShopEntities.Repositories.Shop

Assembly: LibraryShopEntities.dll

```
public interface ICartRepository
```

Methods

AddCartAsync(Cart, CancellationToken)

```
Task<Cart> AddCartAsync(Cart cart, CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`cancellationToken` CancellationToken

Returns

Task<Cart>

CheckBookInCartAsync(string, string, CancellationToken)

```
Task<bool> CheckBookInCartAsync(string cartId, string id,
CancellationToken cancellationToken)
```

Parameters

`cartId` string

`id` string

`cancellationToken` CancellationToken

Returns

Task<bool>

DeleteCartBookAsync(CartBook, CancellationToken)

```
Task DeleteCartBookAsync(CartBook cartBook, CancellationToken cancellationToken)
```

Parameters

`cartBook` CartBook

`cancellationToken` CancellationToken

Returns

Task

GetCartBookByBookIdAsync(string, int, CancellationToken)

```
Task<CartBook?> GetCartBookByBookIdAsync(string cartId, int bookId,
CancellationToken cancellationToken)
```

Parameters

`cartId` string

`bookId` int

`cancellationToken` CancellationToken

Returns

Task<CartBook>

GetCartBookByIdAsync(string, string, CancellationToken)

```
Task<CartBook?> GetCartBookByIdAsync(string cartId, string id,
CancellationToken cancellationToken)
```

Parameters

`cartId` string

`id` string

`cancellationToken` CancellationToken

Returns

Task<CartBook>

GetCartByUserIdAsync(string, bool, CancellationToken)

```
Task<Cart?> GetCartByUserIdAsync(string userId, bool includeBooks,
CancellationToken cancellationToken)
```

Parameters

`userId` string

`includeBooks` bool

`cancellationToken` CancellationToken

Returns

Task<Cart>

UpdateCartAsync(Cart, CancellationToken)

```
Task<Cart> UpdateCartAsync(Cart cart, CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`cancellationToken` CancellationToken

Returns

Task<Cart>

UpdateCartBookAsync(CartBook, CancellationToken)

```
Task<CartBook> UpdateCartBookAsync(CartBook cartBook, CancellationToken
cancellationToken)
```

Parameters

`cartBook` CartBook

`cancellationToken` CancellationToken

Returns

Task<CartBook>

Interface IClientRepository

Namespace: LibraryShopEntities.Repositories.Shop

Assembly: LibraryShopEntities.dll

```
public interface IClientRepository
```

Methods

CreateClientAsync(Client, CancellationToken)

```
Task<Client> CreateClientAsync(Client client, CancellationToken cancellationToken)
```

Parameters

`client` Client

`cancellationToken` CancellationToken

Returns

Task<Client>

DeleteClientAsync(Client, CancellationToken)

```
Task DeleteClientAsync(Client client, CancellationToken cancellationToken)
```

Parameters

`client` Client

`cancellationToken` CancellationToken

Returns

Task

GetClientByUserIdAsync(string, CancellationToken)

```
Task<Client?> GetClientByUserIdAsync(string userId, CancellationToken
cancellationToken)
```

Parameters

`userId` string

`cancellationToken` CancellationToken

Returns

Task<Client>

UpdateClientAsync(Client, CancellationToken)

```
Task<Client> UpdateClientAsync(Client client, CancellationToken cancellationToken)
```

Parameters

`client` Client

`cancellationToken` CancellationToken

Returns

Task<Client>

Interface IOrderRepository

Namespace: LibraryShopEntities.Repositories.Shop

Assembly: LibraryShopEntities.dll

```
public interface IOrderRepository
```

Methods

AddOrderAsync(Order, CancellationToken)

```
Task<Order> AddOrderAsync(Order order, CancellationToken cancellationToken)
```

Parameters

`order` Order

`cancellationToken` CancellationToken

Returns

Task<Order>

DeleteOrderAsync(Order, CancellationToken)

```
Task DeleteOrderAsync(Order order, CancellationToken cancellationToken)
```

Parameters

`order` Order

`cancellationToken` CancellationToken

Returns

Task

GetOrderByIdAsync(int, CancellationToken)

```
Task<Order?> GetOrderByIdAsync(int id, CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<Order>

GetOrderCountAsync(GetOrdersFilter, CancellationToken)

```
Task<int> GetOrderCountAsync(GetOrdersFilter filter, CancellationToken
cancellationToken)
```

Parameters

`filter` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<int>

GetPaginatedOrdersAsync(GetOrdersFilter, CancellationToken)

```
Task<IEnumerable<Order>> GetPaginatedOrdersAsync(GetOrdersFilter filter,
CancellationToken cancellationToken)
```

Parameters

`filter` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<Order>>

UpdateOrderAsync(Order, CancellationToken)

```
Task<Order> UpdateOrderAsync(Order order, CancellationToken cancellationToken)
```

Parameters

`order` Order

`cancellationToken` CancellationToken

Returns

Task<Order>

Interface IStockBookOrderRepository

Namespace: LibraryShopEntities.Repositories.Shop

Assembly: LibraryShopEntities.dll

```
public interface IStockBookOrderRepository
```

Methods

AddStockBookOrderAsync(StockBookOrder, CancellationToken)

```
Task<StockBookOrder> AddStockBookOrderAsync(StockBookOrder stockBookOrder,
CancellationToken cancellationToken)
```

Parameters

`stockBookOrder` StockBookOrder

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

GetPaginatedStockBookOrdersAsync(PaginationRequest, CancellationToken)

```
Task<IEnumerable<StockBookOrder>> GetPaginatedStockBookOrdersAsync(PaginationRequest
pagination, CancellationToken cancellationToken)
```

Parameters

`pagination` PaginationRequest

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<StockBookOrder>>

GetStockBookOrderAmountAsync(CancellationToken)

```
Task<int> GetStockBookOrderAmountAsync(CancellationToken cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<int>

GetStockBookOrderByIdAsync(int, CancellationToken)

```
Task<StockBookOrder?> GetStockBookOrderByIdAsync(int id, CancellationToken
cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

Class OrderRepository

Namespace: LibraryShopEntities.Repositories.Shop

Assembly: LibraryShopEntities.dll

```
public class OrderRepository : IOrderRepository
```

Inheritance

object ← OrderRepository

Implements

IOrderRepository

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

OrderRepository(IDatabaseRepository<ShopDbContext>)

```
public OrderRepository(IDatabaseRepository<ShopDbContext> repository)
```

Parameters

`repository` IDatabaseRepository<ShopDbContext>

Methods

AddOrderAsync(Order, CancellationToken)

```
public Task<Order> AddOrderAsync(Order order, CancellationToken cancellationToken)
```

Parameters

`order` Order

`cancellationToken` CancellationToken

Returns

Task<Order>

DeleteOrderAsync(Order, CancellationToken)

```
public Task DeleteOrderAsync(Order order, CancellationToken cancellationToken)
```

Parameters

`order` Order

`cancellationToken` CancellationToken

Returns

Task

GetOrderByIdAsync(int, CancellationToken)

```
public Task<Order?> GetOrderByIdAsync(int id, CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<Order>

GetOrderCountAsync(GetOrdersFilter, CancellationToken)

```
public Task<int> GetOrderCountAsync(GetOrdersFilter filter,
CancellationToken cancellationToken)
```

Parameters

`filter` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<int>

GetPaginatedOrdersAsync(GetOrdersFilter, CancellationToken)

```
public Task<IEnumerable<Order>> GetPaginatedOrdersAsync(GetOrdersFilter filter,
CancellationToken cancellationToken)
```

Parameters

`filter` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<Order>>

UpdateOrderAsync(Order, CancellationToken)

```
public Task<Order> UpdateOrderAsync(Order order, CancellationToken
cancellationToken)
```

Parameters

`order` Order

`cancellationToken` CancellationToken

Returns

Task<Order>

Class StockBookOrderRepository

Namespace: LibraryShopEntities.Repositories.Shop

Assembly: LibraryShopEntities.dll

```
public class StockBookOrderRepository : IStockBookOrderRepository
```

Inheritance

object ← StockBookOrderRepository

Implements

IStockBookOrderRepository

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

StockBookOrderRepository(IDatabaseRepository<ShopDbContext>)

```
public StockBookOrderRepository(IDatabaseRepository<ShopDbContext> repository)
```

Parameters

`repository` IDatabaseRepository<ShopDbContext>

Methods

AddStockBookOrderAsync(StockBookOrder, CancellationToken)

```
public Task<StockBookOrder> AddStockBookOrderAsync(StockBookOrder stockBookOrder,
```

```
CancellationToken cancellationToken)
```

Parameters

`stockBookOrder` StockBookOrder

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

GetPaginatedStockBookOrdersAsync(PaginationRequest, CancellationToken)

```
public Task<IEnumerable<StockBookOrder>>
GetPaginatedStockBookOrdersAsync(PaginationRequest pagination,
CancellationToken cancellationToken)
```

Parameters

`pagination` PaginationRequest

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<StockBookOrder>>

GetStockBookOrderAmountAsync(CancellationToken)

```
public Task<int> GetStockBookOrderAmountAsync(CancellationToken cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<int>

GetStockBookOrderByIdAsync(int, CancellationToken)

```
public Task<StockBookOrder?> GetStockBookOrderByIdAsync(int id,
CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

Namespace Logging

Classes

HostBuilderExtenstions

Class HostBuilderExtenstions

Namespace: Logging

Assembly: Logging.dll

```
public static class HostBuilderExtenstions
```

Inheritance

object ← HostBuilderExtenstions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

AddLogging(IHostBuilder)

```
public static IHostBuilder AddLogging(this IHostBuilder hostBuilder)
```

Parameters

`hostBuilder` IHostBuilder

Returns

IHostBuilder

Namespace Pagination

Classes

PaginationConfiguration

PaginationOptions

PaginationRequest

PaginationRequestValidator

ServiceCollectionExtensions

Class PaginationConfiguration

Namespace: Pagination

Assembly: Pagination.dll

```
public static class PaginationConfiguration
```

Inheritance

object ← PaginationConfiguration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

MAX_PAGINATION_PAGE_SIZE

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

Property Value

string

Class PaginationOptions

Namespace: Pagination

Assembly: Pagination.dll

```
public record PaginationOptions : IEquatable<PaginationOptions>
```

Inheritance

object ← PaginationOptions

Implements

IEquatable<PaginationOptions>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

PaginationOptions(int)

```
public PaginationOptions(int MaxPaginationPageSize)
```

Parameters

`MaxPaginationPageSize` int

Properties

MaxPaginationPageSize

```
public int MaxPaginationPageSize { get; init; }
```

Property Value

int

Class PaginationRequest

Namespace: Pagination

Assembly: Pagination.dll

```
public class PaginationRequest
```

Inheritance

object ← PaginationRequest

Derived

GetOrdersFilter, LibraryFilterRequest, AdminGetUserFilter

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

PageNumber

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

Property Value

int

PageSize

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

Property Value

int

Class PaginationRequestValidator

Namespace: Pagination

Assembly: Pagination.dll

```
public class PaginationRequestValidator : AbstractValidator<PaginationRequest>,
IValidator<PaginationRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<PaginationRequest> ← PaginationRequestValidator

Implements

IValidator<PaginationRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<PaginationRequest>.Validate(PaginationRequest) , AbstractValidator<PaginationRequest>.ValidateAsync(PaginationRequest, CancellationToken) , AbstractValidator<PaginationRequest>.Validate(ValidationContext<PaginationRequest>) , AbstractValidator<PaginationRequest>.ValidateAsync(ValidationContext<PaginationRequest>, CancellationToken) , AbstractValidator<PaginationRequest>.CreateDescriptor() , AbstractValidator<PaginationRequest>.RuleFor<TProperty>(Expression<Func<PaginationRequest, TProperty>>) , AbstractValidator<PaginationRequest>.Transform<TProperty, TTransformed>(Expression<Func<PaginationRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<PaginationRequest>.Transform<TProperty, TTransformed>(Expression<Func<PaginationRequest, TProperty>>, Func<PaginationRequest, TProperty, TTransformed>) , AbstractValidator<PaginationRequest>.RuleForEach<TElement>(Expression<Func<PaginationRequest, IEnumerable<TElement>>>) , AbstractValidator<PaginationRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<PaginationRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<PaginationRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<PaginationRequest, IEnumerable<TElement>>>, Func<PaginationRequest, TElement, TTransformed>) , AbstractValidator<PaginationRequest>.RuleSet(string, Action) , AbstractValidator<PaginationRequest>.When(Func<PaginationRequest, bool>, Action) ,

AbstractValidator<PaginationRequest>.When(Func<PaginationRequest, ValidationContext<PaginationRequest>, bool>, Action) , AbstractValidator<PaginationRequest>.Unless(Func<PaginationRequest, bool>, Action) , AbstractValidator<PaginationRequest>.Unless(Func<PaginationRequest, ValidationContext<PaginationRequest>, bool>, Action) , AbstractValidator<PaginationRequest>.WhenAsync(Func<PaginationRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<PaginationRequest>.WhenAsync(Func<PaginationRequest, ValidationContext<PaginationRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<PaginationRequest>.UnlessAsync(Func<PaginationRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<PaginationRequest>.UnlessAsync(Func<PaginationRequest, ValidationContext<PaginationRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<PaginationRequest>.Include(IValidator<PaginationRequest>) , AbstractValidator<PaginationRequest>.Include<TValidator>(Func<PaginationRequest, TValidator>) , AbstractValidator<PaginationRequest>.GetEnumerator() , AbstractValidator<PaginationRequest>.EnsureInstanceNotNull(object) , AbstractValidator<PaginationRequest>.PreValidate(ValidationContext<PaginationRequest>, ValidationResult) , AbstractValidator<PaginationRequest>.RaiseValidationException(ValidationContext<PaginationRequest>, ValidationResult) , AbstractValidator<PaginationRequest>.CascadeMode , AbstractValidator<PaginationRequest>.ClassLevelCascadeMode , AbstractValidator<PaginationRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

PaginationRequestValidator(PaginationOptions)

```
public PaginationRequestValidator(PaginationOptions paginationOptions)
```

Parameters

`paginationOptions` PaginationOptions

Class ServiceCollectionExtensions

Namespace: Pagination

Assembly: Pagination.dll

```
public static class ServiceCollectionExtensions
```

Inheritance

object ← ServiceCollectionExtensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

AddPagination(IServiceCollection, IConfiguration)

```
public static IServiceCollection AddPagination(this IServiceCollection services,
IConfiguration configuration)
```

Parameters

`services` IServiceCollection

`configuration` IConfiguration

Returns

IServiceCollection

Namespace Resilience

Classes

ResilienceConfiguration

ResilienceHelpers

ResiliencePipelineConfiguration

ServiceCollectionExtensions

Class ResilienceConfiguration

Namespace: Resilience

Assembly: Resilience.dll

```
public static class ResilienceConfiguration
```

Inheritance

object ← ResilienceConfiguration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

DEFAULT_RESILIENCE_PIPELINE_SECTION

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

Property Value

string

Class ResilienceHelpers

Namespace: Resilience

Assembly: Resilience.dll

```
public static class ResilienceHelpers
```

Inheritance

object ← ResilienceHelpers

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

ConfigureResiliencePipeline(ResiliencePipelineBuilder, AddResiliencePipelineContext<string>, ResiliencePipelineConfiguration)

```
public static void ConfigureResiliencePipeline(ResiliencePipelineBuilder builder,
AddResiliencePipelineContext<string> context, ResiliencePipelineConfiguration
config)
```

Parameters

`builder` ResiliencePipelineBuilder

`context` AddResiliencePipelineContext<string>

`config` ResiliencePipelineConfiguration

Class ResiliencePipelineConfiguration

Namespace: Resilience

Assembly: Resilience.dll

```
public class ResiliencePipelineConfiguration
```

Inheritance

object ← ResiliencePipelineConfiguration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

CircuitFailureRatio

```
public float CircuitFailureRatio { get; set; }
```

Property Value

float

CircuitMinimumThroughput

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

Property Value

int

CircuitWaitInSeconds

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

Property Value

int

MaxRetryCount

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

Property Value

int

RetryWaitInSeconds

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

Property Value

int

Class ServiceCollectionExtensions

Namespace: Resilience

Assembly: Resilience.dll

```
public static class ServiceCollectionExtensions
```

Inheritance

object ← ServiceCollectionExtensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

AddDefaultResiliencePipeline(IServiceCollection, IConfiguration, string)

```
public static IServiceCollection AddDefaultResiliencePipeline(this
IServiceCollection services, IConfiguration configuration, string defaultName
= "Default")
```

Parameters

`services` IServiceCollection

`configuration` IConfiguration

`defaultName` string

Returns

IServiceCollection

Namespace Shared

Classes

ApplicationBuilderExtensions

Extensions

ServiceCollectionExtensions

Class ApplicationBuilderExtensions

Namespace: Shared

Assembly: Shared.dll

```
public static class ApplicationBuilderExtensions
```

Inheritance

object ← ApplicationBuilderExtensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

UseSharedMiddleware(IApplicationBuilder)

```
public static IApplicationBuilder UseSharedMiddleware(this
IApplicationBuilder builder)
```

Parameters

`builder` IApplicationBuilder

Returns

IApplicationBuilder

UseSwagger(IApplicationBuilder, string)

```
public static IApplicationBuilder UseSwagger(this IApplicationBuilder builder,
string title)
```

Parameters

`builder` IApplicationBuilder

`title` string

Returns

IApplicationBuilder

Class Extensions

Namespace: Shared

Assembly: Shared.dll

```
public static class Extensions
```

Inheritance

object ← Extensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

TryToDeserialize<T>(string?, out T?)

```
public static bool TryToDeserialize<T>(this string? message, out T? obj)
```

Parameters

`message` string

`obj` T

Returns

bool

Type Parameters

`T`

Class ServiceCollectionExtensions

Namespace: Shared

Assembly: Shared.dll

```
public static class ServiceCollectionExtensions
```

Inheritance

object ← ServiceCollectionExtensions

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

AddApplicationCors(IServiceCollection, IConfiguration, string, bool)

```
public static IServiceCollection AddApplicationCors(this IServiceCollection
services, IConfiguration configuration, string allowSpecificOrigins,
bool isDevelopment)
```

Parameters

`services` IServiceCollection

`configuration` IConfiguration

`allowSpecificOrigins` string

`isDevelopment` bool

Returns

IServiceCollection

AddCustomHttpClientServiceWithResilience(IServiceCollection, IConfiguration)

```
public static IServiceCollection AddCustomHttpClientServiceWithResilience(this
IServiceCollection services, IConfiguration configuration)
```

Parameters

`services` IServiceCollection

`configuration` IConfiguration

Returns

IServiceCollection

AddSharedFluentValidation(IServiceCollection, Type)

```
public static IServiceCollection AddSharedFluentValidation(this IServiceCollection
services, Type type)
```

Parameters

`services` IServiceCollection

`type` Type

Returns

IServiceCollection

AddSwagger(IServiceCollection, string)

```
public static IServiceCollection AddSwagger(this IServiceCollection services,
string title)
```

Parameters

`services` IServiceCollection

`title` string

Returns

IServiceCollection

Namespace Shared.Configurations

Classes

SharedConfiguration

Class SharedConfiguration

Namespace: Shared.Configurations

Assembly: Shared.dll

```
public static class SharedConfiguration
```

Inheritance

object ← SharedConfiguration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ALLOWED_CORS_ORIGINS

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

Property Value

string

HTTP_CLIENT_RESILIENCE_PIPELINE

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

Property Value

string

Namespace Shared.Helpers

Classes

HashHelper

HttpHelper

Interfaces

IHttpHelper

Class HashHelper

Namespace: Shared.Helpers

Assembly: Shared.dll

```
public static class HashHelper
```

Inheritance

object ← HashHelper

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

ComputeHash(string)

```
public static string ComputeHash(string str)
```

Parameters

`str` string

Returns

string

Class HttpHelper

Namespace: Shared.Helpers

Assembly: Shared.dll

```
public class HttpHelper : IHttpHelper
```

Inheritance

object ← HttpHelper

Implements

IHttpHelper

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

HttpHelper(IHttpClientFactory)

```
public HttpHelper(IHttpClientFactory httpClientFactory)
```

Parameters

`httpClientFactory` IHttpClientFactory

Methods

SendGetRequestAsync<T>(string, Dictionary<string, string>?, string?, CancellationToken)

```
public Task<T?> SendGetRequestAsync<T>(string endpoint, Dictionary<string, string>?
queryParams = null, string? accessToken = null, CancellationToken cancellationToken
```

```
= default)
```

Parameters

`endpoint` string

`queryParams` Dictionary<string, string>

`accessToken` string

`cancellationToken` CancellationToken

Returns

Task<T>

Type Parameters

`T`

SendPostRequestAsync<T>(string, Dictionary<string, string>, string?, CancellationToken)

```
public Task<T?> SendPostRequestAsync<T>(string endpoint, Dictionary<string,
string> bodyParams, string? accessToken = null, CancellationToken cancellationToken
= default)
```

Parameters

`endpoint` string

`bodyParams` Dictionary<string, string>

`accessToken` string

`cancellationToken` CancellationToken

Returns

Task<T>

Type Parameters

`T`

SendPostRequestAsync<T>(string, string, string?, CancellationToken)

```
public Task<T?> SendPostRequestAsync<T>(string endpoint, string json, string?
accessToken = null, CancellationToken cancellationToken = default)
```

Parameters

`endpoint` string

`json` string

`accessToken` string

`cancellationToken` CancellationToken

Returns

Task <T>

Type Parameters

`T`

SendPutRequestAsync(string, string, Dictionary<string, string>?, string?, CancellationToken)

```
public Task SendPutRequestAsync(string endpoint, string jsonBody, Dictionary<string,
string>? queryParams = null, string? accessToken = null, CancellationToken
cancellationToken = default)
```

Parameters

`endpoint` string

`jsonBody` string

`queryParams` Dictionary<string, string>

`accessToken` string

`cancellationToken` CancellationToken

Returns

Task

Interface IHttpHelper

Namespace: Shared.Helpers

Assembly: Shared.dll

```
public interface IHttpHelper
```

Methods

SendGetRequestAsync<T>(string, Dictionary<string, string>?, string?, CancellationToken)

```
Task<T?> SendGetRequestAsync<T>(string endpoint, Dictionary<string, string>?
queryParams = null, string? accessToken = null, CancellationToken cancellationToken
= default)
```

Parameters

`endpoint` string

`queryParams` Dictionary<string, string>

`accessToken` string

`cancellationToken` CancellationToken

Returns

Task<T>

Type Parameters

`T`

SendPostRequestAsync<T>(string, Dictionary<string, string>, string?, CancellationToken)

```
Task<T?> SendPostRequestAsync<T>(string endpoint, Dictionary<string, string>
bodyParams, string? accessToken = null, CancellationToken cancellationToken
= default)
```

Parameters

`endpoint` string

`bodyParams` Dictionary<string, string>

`accessToken` string

`cancellationToken` CancellationToken

Returns

Task<T>

Type Parameters

`T`

SendPostRequestAsync<T>(string, string, string?, CancellationToken)

```
Task<T?> SendPostRequestAsync<T>(string endpoint, string json, string? accessToken =
null, CancellationToken cancellationToken = default)
```

Parameters

`endpoint` string

`json` string

`accessToken` string

`cancellationToken` CancellationToken

Returns

Task<T>

Type Parameters

T

SendPutRequestAsync(string, string, Dictionary<string, string>?, string?, CancellationToken)

```
Task SendPutRequestAsync(string endpoint, string jsonBody, Dictionary<string,
string>? queryParams = null, string? accessToken = null, CancellationToken
cancellationToken = default)
```

Parameters

`endpoint` string

`jsonBody` string

`queryParams` Dictionary<string, string>

`accessToken` string

`cancellationToken` CancellationToken

Returns

Task

Namespace Shared.Repositories

Classes

DatabaseRepository<TContext>

Interfaces

IDatabaseRepository<TContext>

Class DatabaseRepository<TContext>

Namespace: Shared.Repositories

Assembly: DatabaseControl.dll

```
public class DatabaseRepository<TContext> : IDatabaseRepository<TContext> where
TContext : DbContext
```

Type Parameters

`TContext`

Inheritance

object ← DatabaseRepository<TContext>

Implements

IDatabaseRepository<TContext>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

DatabaseRepository(IDbContextFactory<TContext>, ResiliencePipelineProvider<string>)

```
public DatabaseRepository(IDbContextFactory<TContext> dbContextFactory,
ResiliencePipelineProvider<string> resiliencePipelineProvider)
```

Parameters

`dbContextFactory` IDbContextFactory<TContext>

`resiliencePipelineProvider` ResiliencePipelineProvider<string>

Methods

AddAsync<T>(T, CancellationToken)

```
public Task<T> AddAsync<T>(T obj, CancellationToken cancellationToken) where T
: class
```

Parameters

`obj` T

`cancellationToken` CancellationToken

Returns

Task <T>

Type Parameters

`T`

CreateDbContextAsync(CancellationToken)

```
protected Task<TContext> CreateDbContextAsync(CancellationToken cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task <TContext>

DeleteAsync<T>(T, CancellationToken)

```
public Task DeleteAsync<T>(T obj, CancellationToken cancellationToken) where T
: class
```

Parameters

`obj` T

`cancellationToken` CancellationToken

Returns

Task

Type Parameters

`T`

GetQueryableAsync<T>(CancellationToken)

```
public Task<IQueryable<T>> GetQueryableAsync<T>(CancellationToken cancellationToken)
where T : class
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<IQueryable<T>>

Type Parameters

`T`

MigrateDatabaseAsync(CancellationToken)

```
public Task MigrateDatabaseAsync(CancellationToken cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task

UpdateAsync<T>(T, CancellationToken)

```
public Task<T> UpdateAsync<T>(T obj, CancellationToken cancellationToken) where T
: class
```

Parameters

`obj` T

`cancellationToken` CancellationToken

Returns

Task<T>

Type Parameters

`T`

UpdateRangeAsync<T>(T[], CancellationToken)

```
public Task UpdateRangeAsync<T>(T[] obj, CancellationToken cancellationToken) where
T : class
```

Parameters

`obj` T[]

`cancellationToken` CancellationToken

Returns

Task

Type Parameters

T

Interface IDatabaseRepository<TContext>

Namespace: Shared.Repositories

Assembly: DatabaseControl.dll

```
public interface IDatabaseRepository<TContext> where TContext : DbContext
```

Type Parameters

`TContext`

Methods

AddAsync<T>(T, CancellationToken)

```
Task<T> AddAsync<T>(T obj, CancellationToken cancellationToken) where T : class
```

Parameters

`obj` T

`cancellationToken` CancellationToken

Returns

Task<T>

Type Parameters

`T`

DeleteAsync<T>(T, CancellationToken)

```
Task DeleteAsync<T>(T obj, CancellationToken cancellationToken) where T : class
```

Parameters

`obj` T

`cancellationToken` CancellationToken

Returns

Task

Type Parameters

`T`

GetQueryableAsync<T>(CancellationToken)

```
Task<IQueryable<T>> GetQueryableAsync<T>(CancellationToken cancellationToken) where
T : class
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<IQueryable<T>>

Type Parameters

`T`

MigrateDatabaseAsync(CancellationToken)

```
Task MigrateDatabaseAsync(CancellationToken cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task

UpdateAsync<T>(T, CancellationToken)

```
Task<T> UpdateAsync<T>(T obj, CancellationToken cancellationToken) where T : class
```

Parameters

`obj` T

`cancellationToken` CancellationToken

Returns

Task<T>

Type Parameters

`T`

UpdateRangeAsync<T>(T[], CancellationToken)

```
Task UpdateRangeAsync<T>(T[] obj, CancellationToken cancellationToken) where T
: class
```

Parameters

`obj` T[]

`cancellationToken` CancellationToken

Returns

Task

Type Parameters

T

Namespace ShopApi

Classes

AutoMapperProfile

Configuration

GetLibraryEntityHelper

LibraryConfiguration

Class AutoMapperProfile

Namespace: ShopApi

Assembly: ShopApi.dll

```
public class AutoMapperProfile : Profile, IProfileExpression, IProfileConfiguration
```

Inheritance

object ← Profile ← AutoMapperProfile

Implements

IProfileExpression, IProfileConfiguration

Inherited Members

Profile.DisableConstructorMapping() , Profile.CreateProjection<TSource, TDestination>() , Profile.CreateProjection<TSource, TDestination>(MemberList) , Profile.CreateMap<TSource, TDestination>() , Profile.CreateMap<TSource, TDestination>(MemberList) , Profile.CreateMap(Type, Type) , Profile.CreateMap(Type, Type, MemberList) , Profile.ClearPrefixes() , Profile.ReplaceMemberName(string, string) , Profile.RecognizePrefixes(params string[]) , Profile.RecognizePostfixes(params string[]) , Profile.RecognizeDestinationPrefixes(params string[]) , Profile.RecognizeDestinationPostfixes(params string[]) , Profile.AddGlobalIgnore(string) , Profile.IncludeSourceExtensionMethods(Type) , Profile.ProfileName , Profile.AllowNullDestinationValues , Profile.AllowNullCollections , Profile.ShouldMapProperty , Profile.ShouldMapField , Profile.ShouldMapMethod , Profile.ShouldUseConstructor , Profile.SourceMemberNamingConvention , Profile.DestinationMemberNamingConvention , Profile.ValueTransformers , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AutoMapperProfile()

```
public AutoMapperProfile()
```

Class Configuration

Namespace: ShopApi

Assembly: ShopApi.dll

```
public static class Configuration
```

Inheritance

object ← Configuration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

CHAT_CONFIGURATION_SECTION

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

Property Value

string

CHAT_RESILIENCE_PIPELINE

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

Property Value

string

DEFAULT_RESILIENCE_PIPELINE

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

Property Value

string

EF_CREATE_DATABASE

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

Property Value

string

LIBRARY_API_URL

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

Property Value

string

SHOP_DATABASE_CONNECTION_STRING

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

Property Value

string

SHOP_MAX_ORDER_AMOUNT

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

Property Value

string

Class GetLibraryEntityHelper

Namespace: ShopApi

Assembly: ShopApi.dll

```
public static class GetLibraryEntityHelper
```

Inheritance

object ← GetLibraryEntityHelper

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

GetBookResponsesForIdsAsync(List<int>, ILibraryService, CancellationToken)

```
public static Task<List<BookResponse>> GetBookResponsesForIdsAsync(List<int> ids,
ILibraryService libraryService, CancellationToken cancellationToken)
```

Parameters

`ids` List<int>

`libraryService` ILibraryService

`cancellationToken` CancellationToken

Returns

Task<List<BookResponse>>

GetCartResponseWiithBooksAsync(Cart, ILibraryService, IMapper, CancellationToken)

```
public static Task<CartResponse> GetCartResponseWiithBooksAsync(Cart cart,
ILibraryService libraryService, IMapper mapper, CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`libraryService` ILibraryService

`mapper` IMapper

`cancellationToken` CancellationToken

Returns

Task<CartResponse>

GetOrderResponsesWithBooksAsync(IEnumerable<Order>, ILibraryService, IMapper, CancellationToken)

```
public static Task<IEnumerable<OrderResponse>>
GetOrderResponsesWithBooksAsync(IEnumerable<Order> orders, ILibraryService
libraryService, IMapper mapper, CancellationToken cancellationToken)
```

Parameters

`orders` IEnumerable<Order>

`libraryService` ILibraryService

`mapper` IMapper

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<OrderResponse>>

GetStockBookOrderResponseWiithBooksAsync(IEnumerable<StockBookOrder>, ILibraryService, IMapper, CancellationToken)

```
public static Task<IEnumerable<StockBookOrderResponse>>
GetStockBookOrderResponseWiithBooksAsync(IEnumerable<StockBookOrder> orders,
ILibraryService libraryService, IMapper mapper, CancellationToken cancellationToken)
```

Parameters

`orders` IEnumerable<StockBookOrder>

`libraryService` ILibraryService

`mapper` IMapper

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<StockBookOrderResponse>>

Class LibraryConfiguration

Namespace: ShopApi

Assembly: ShopApi.dll

```
public static class LibraryConfiguration
```

Inheritance

object ← LibraryConfiguration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

LIBRARY_API_GET_BOOKS_BY_IDS_ENDPOINT

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

Property Value

string

LIBRARY_API_RAISE_BOOK_POPULARITY_ENDPOINT

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

Property Value

string

LIBRARY_API_UPDATE_STOCK_AMOUNT_ENDPOINT

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

Property Value

string

Namespace ShopApi.Controllers

Classes

AdvisorController

CartController

ClientController

OrderController

StatisticsController

StockBookOrderController

Class AdvisorController

Namespace: ShopApi.Controllers

Assembly: ShopApi.dll

```
[Route("advisor")]
[ApiController]
public class AdvisorController : ControllerBase
```

Inheritance

object ← ControllerBase ← AdvisorController

Inherited Members

ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) , ControllerBase.Content(string) , ControllerBase.Content(string, string) , ControllerBase.Content(string, string, Encoding) , ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() , ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) , ControllerBase.RedirectPermanent(string) , ControllerBase.RedirectPreserveMethod(string) , ControllerBase.RedirectPermanentPreserveMethod(string) , ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) , ControllerBase.LocalRedirectPreserveMethod(string) , ControllerBase.LocalRedirectPermanentPreserveMethod(string) , ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) , ControllerBase.RedirectToAction(string, object) , ControllerBase.RedirectToAction(string, string) , ControllerBase.RedirectToAction(string, string, object) , ControllerBase.RedirectToAction(string, string, string) , ControllerBase.RedirectToAction(string, string, object, string) , ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) , ControllerBase.RedirectToActionPermanent(string) , ControllerBase.RedirectToActionPermanent(string, object) , ControllerBase.RedirectToActionPermanent(string, string) , ControllerBase.RedirectToActionPermanent(string, string, string) , ControllerBase.RedirectToActionPermanent(string, string, object) , ControllerBase.RedirectToActionPermanent(string, string, object, string) , ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) , ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,

ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,

ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,
ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) ,

ControllerBase.AcceptedAtRoute(string, object) ,
ControllerBase.AcceptedAtRoute(object, object) ,
ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() ,
ControllerBase.Challenge(params string[]) ,
ControllerBase.Challenge(AuthenticationProperties) ,
ControllerBase.Challenge(AuthenticationProperties, params string[]) ,
ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) ,
ControllerBase.Forbid(AuthenticationProperties) ,
ControllerBase.Forbid(AuthenticationProperties, params string[]) ,
ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) ,
ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) ,
ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) ,
ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) ,
ControllerBase.SignOut(params string[]) ,
ControllerBase.SignOut(AuthenticationProperties, params string[]) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) ,
ControllerBase.TryUpdateModelAsync(object, Type, string) ,
ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) ,
ControllerBase.TryValidateModel(object) ,
ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext ,
ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData ,
ControllerBase.ModelState , ControllerBase.ControllerContext ,
ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory ,
ControllerBase.Url , ControllerBase.ObjectValidator ,
ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty ,
object.Equals(object) , object.Equals(object, object) , object.GetHashCode() ,
object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) ,
object.ToString()

Constructors

AdvisorController(IAdvisorService, IMapper)

```
public AdvisorController(IAdvisorService advisorService, IMapper mapper)
```

Parameters

`advisorService` IAdvisorService

`mapper` IMapper

Methods

SendQuery(AdvisorQueryRequest, CancellationToken)

```
[HttpPost]
[OutputCache(PolicyName = "AdvisorPolicy")]
public Task<ActionResult<AdvisorResponse?>> SendQuery(AdvisorQueryRequest request,
CancellationToken cancellationToken)
```

Parameters

`request` AdvisorQueryRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<AdvisorResponse>>

Class CartController

Namespace: ShopApi.Controllers

Assembly: ShopApi.dll

```
[Authorize(Policy = "RequireClientRole")]
[Route("cart")]
[ApiController]
public class CartController : ControllerBase
```

Inheritance

object ← ControllerBase ← CartController

Inherited Members

ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) , ControllerBase.Content(string) , ControllerBase.Content(string, string) , ControllerBase.Content(string, string, Encoding) , ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() , ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) , ControllerBase.RedirectPermanent(string) , ControllerBase.RedirectPreserveMethod(string) , ControllerBase.RedirectPermanentPreserveMethod(string) , ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) , ControllerBase.LocalRedirectPreserveMethod(string) , ControllerBase.LocalRedirectPermanentPreserveMethod(string) , ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) , ControllerBase.RedirectToAction(string, object) , ControllerBase.RedirectToAction(string, string) , ControllerBase.RedirectToAction(string, string, object) , ControllerBase.RedirectToAction(string, string, string) , ControllerBase.RedirectToAction(string, string, object, string) , ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) , ControllerBase.RedirectToActionPermanent(string) , ControllerBase.RedirectToActionPermanent(string, object) , ControllerBase.RedirectToActionPermanent(string, string) , ControllerBase.RedirectToActionPermanent(string, string, string) , ControllerBase.RedirectToActionPermanent(string, string, object) , ControllerBase.RedirectToActionPermanent(string, string, object, string) , ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) ,

ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,
ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,

ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,

ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) , ControllerBase.AcceptedAtRoute(string, object) , ControllerBase.AcceptedAtRoute(object, object) , ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() , ControllerBase.Challenge(params string[]) , ControllerBase.Challenge(AuthenticationProperties) , ControllerBase.Challenge(AuthenticationProperties, params string[]) , ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) , ControllerBase.Forbid(AuthenticationProperties) , ControllerBase.Forbid(AuthenticationProperties, params string[]) , ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) , ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) , ControllerBase.SignOut(params string[]) , ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CartController(IMediator)

```
public CartController(IMediator mediator)
```

Parameters

`mediator` IMediator

Methods

AddBookToCart(AddBookToCartRequest, CancellationToken)

```
[HttpPost("cartbook")]
public Task<ActionResult<CartBookResponse>> AddBookToCart(AddBookToCartRequest
request, CancellationToken cancellationToken)
```

Parameters

`request` AddBookToCartRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<CartBookResponse>>

DeleteBooksFromCart(DeleteCartBookFromCartRequest[], CancellationToken)

```
[HttpPut]
public Task<ActionResult<CartResponse>>
DeleteBooksFromCart(DeleteCartBookFromCartRequest[] requests,
CancellationToken cancellationToken)
```

Parameters

`requests` DeleteCartBookFromCartRequest[]

`cancellationToken` CancellationToken

Returns

Task<ActionResult<CartResponse>>

GetCart(CancellationToken)

```
[HttpGet]
[OutputCache(PolicyName = "CartPolicy")]
public Task<ActionResult<CartResponse>> GetCart(CancellationToken cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<ActionResult<CartResponse>>

GetInCartAmount(CancellationToken)

```
[HttpGet("amount")]
[OutputCache(PolicyName = "CartPolicy")]
public Task<ActionResult<int>> GetInCartAmount(CancellationToken cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<ActionResult<int>>

UpdateCartBookInCart(UpdateCartBookRequest, CancellationToken)

```
[HttpPut("cartbook")]
public Task<ActionResult<CartBookResponse>>
UpdateCartBookInCart(UpdateCartBookRequest request, CancellationToken
cancellationToken)
```

Parameters

`request` UpdateCartBookRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<CartBookResponse>>

Class ClientController

Namespace: ShopApi.Controllers

Assembly: ShopApi.dll

```
[Authorize(Policy = "RequireClientRole")]
[Route("client")]
[ApiController]
public class ClientController : ControllerBase
```

Inheritance

object ← ControllerBase ← ClientController

Inherited Members

ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) , ControllerBase.Content(string) , ControllerBase.Content(string, string) , ControllerBase.Content(string, string, Encoding) , ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() , ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) , ControllerBase.RedirectPermanent(string) , ControllerBase.RedirectPreserveMethod(string) , ControllerBase.RedirectPermanentPreserveMethod(string) , ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) , ControllerBase.LocalRedirectPreserveMethod(string) , ControllerBase.LocalRedirectPermanentPreserveMethod(string) , ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) , ControllerBase.RedirectToAction(string, object) , ControllerBase.RedirectToAction(string, string) , ControllerBase.RedirectToAction(string, string, object) , ControllerBase.RedirectToAction(string, string, string) , ControllerBase.RedirectToAction(string, string, object, string) , ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) , ControllerBase.RedirectToActionPermanent(string) , ControllerBase.RedirectToActionPermanent(string, object) , ControllerBase.RedirectToActionPermanent(string, string) , ControllerBase.RedirectToActionPermanent(string, string, string) , ControllerBase.RedirectToActionPermanent(string, string, object) , ControllerBase.RedirectToActionPermanent(string, string, object, string) , ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) ,

ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,
ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,

ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,

ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) , ControllerBase.AcceptedAtRoute(string, object) , ControllerBase.AcceptedAtRoute(object, object) , ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() , ControllerBase.Challenge(params string[]) , ControllerBase.Challenge(AuthenticationProperties) , ControllerBase.Challenge(AuthenticationProperties, params string[]) , ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) , ControllerBase.Forbid(AuthenticationProperties) , ControllerBase.Forbid(AuthenticationProperties, params string[]) , ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) , ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) , ControllerBase.SignOut(params string[]) , ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ClientController(IMediator)

```
public ClientController(IMediator mediator)
```

Parameters

`mediator` IMediator

Methods

AdminCreateClient(string, CreateClientRequest, CancellationToken)

```
[Authorize(Policy = "RequireAdminRole")]
[HttpPost("admin/{userId}")]
public Task<ActionResult<ClientResponse>> AdminCreateClient(string userId,
CreateClientRequest request, CancellationToken cancellationToken)
```

Parameters

`userId` string

`request` CreateClientRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<ClientResponse>>

AdminGetClient(string, CancellationToken)

```
[Authorize(Policy = "RequireAdminRole")]
[HttpGet("admin/{userId}")]
```

```
public Task<ActionResult<GetClientResponse>> AdminGetClient(string userId,
CancellationToken cancellationToken)
```

Parameters

`userId` string

`cancellationToken` CancellationToken

Returns

Task<ActionResult<GetClientResponse>>

AdminUpdateClient(string, UpdateClientRequest, CancellationToken)

```
[Authorize(Policy = "RequireAdminRole")]
[HttpPut("admin/{userId}")]
public Task<ActionResult<ClientResponse>> AdminUpdateClient(string userId,
UpdateClientRequest request, CancellationToken cancellationToken)
```

Parameters

`userId` string

`request` UpdateClientRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<ClientResponse>>

CreateClient(CreateClientRequest, CancellationToken)

```
[HttpPost]
public Task<ActionResult<ClientResponse>> CreateClient(CreateClientRequest request,
CancellationToken cancellationToken)
```

Parameters

`request` CreateClientRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<ClientResponse>>

GetClient(CancellationToken)

```
[HttpGet]
[OutputCache(PolicyName = "ClientPolicy")]
public Task<ActionResult<GetClientResponse>> GetClient(CancellationToken
cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<ActionResult<GetClientResponse>>

UpdateClient(UpdateClientRequest, CancellationToken)

```
[HttpPut]
public Task<ActionResult<ClientResponse>> UpdateClient(UpdateClientRequest request,
CancellationToken cancellationToken)
```

Parameters

`request` UpdateClientRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<ClientResponse>>

Class OrderController

Namespace: ShopApi.Controllers

Assembly: ShopApi.dll

```
[Authorize(Policy = "RequireClientRole")]
[Route("order")]
[ApiController]
public class OrderController : ControllerBase
```

Inheritance

object ← ControllerBase ← OrderController

Inherited Members

ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) , ControllerBase.Content(string) , ControllerBase.Content(string, string) , ControllerBase.Content(string, string, Encoding) , ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() , ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) , ControllerBase.RedirectPermanent(string) , ControllerBase.RedirectPreserveMethod(string) , ControllerBase.RedirectPermanentPreserveMethod(string) , ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) , ControllerBase.LocalRedirectPreserveMethod(string) , ControllerBase.LocalRedirectPermanentPreserveMethod(string) , ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) , ControllerBase.RedirectToAction(string, object) , ControllerBase.RedirectToAction(string, string) , ControllerBase.RedirectToAction(string, string, object) , ControllerBase.RedirectToAction(string, string, string) , ControllerBase.RedirectToAction(string, string, object, string) , ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) , ControllerBase.RedirectToActionPermanent(string) , ControllerBase.RedirectToActionPermanent(string, object) , ControllerBase.RedirectToActionPermanent(string, string) , ControllerBase.RedirectToActionPermanent(string, string, string) , ControllerBase.RedirectToActionPermanent(string, string, object) , ControllerBase.RedirectToActionPermanent(string, string, object, string) , ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) ,

ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,
ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,

ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,

ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) , ControllerBase.AcceptedAtRoute(string, object) , ControllerBase.AcceptedAtRoute(object, object) , ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() , ControllerBase.Challenge(params string[]) , ControllerBase.Challenge(AuthenticationProperties) , ControllerBase.Challenge(AuthenticationProperties, params string[]) , ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) , ControllerBase.Forbid(AuthenticationProperties) , ControllerBase.Forbid(AuthenticationProperties, params string[]) , ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) , ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) , ControllerBase.SignOut(params string[]) , ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

OrderController(IMediator)

```
public OrderController(IMediator mediator)
```

Parameters

`mediator` IMediator

Methods

CancelOrder(int, CancellationToken)

```
[HttpDelete("{id}")]
public Task<IActionResult> CancelOrder(int id, CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<IActionResult>

CreateOrder(CreateOrderRequest, CancellationToken)

```
[HttpPost]
public Task<ActionResult<OrderResponse>> CreateOrder(CreateOrderRequest request,
CancellationToken cancellationToken)
```

Parameters

`request` CreateOrderRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<OrderResponse>>

GetOrderAmount(GetOrdersFilter, CancellationToken)

```
[HttpPost("amount")]
[OutputCache(PolicyName = "OrderPaginationPolicy")]
public Task<ActionResult<int>> GetOrderAmount(GetOrdersFilter request,
CancellationToken cancellationToken)
```

Parameters

`request` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<ActionResult<int>>

GetOrders(GetOrdersFilter, CancellationToken)

```
[HttpPost("pagination")]
[OutputCache(PolicyName = "OrderPaginationPolicy")]
public Task<ActionResult<IEnumerable<OrderResponse>>> GetOrders(GetOrdersFilter
request, CancellationToken cancellationToken)
```

Parameters

`request` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<ActionResult<IEnumerable<OrderResponse>>>

ManagerCancelOrder(int, CancellationToken)

```
[Authorize(Policy = "RequireManagerRole")]
[HttpDelete("manager/{id}")]
public Task<IActionResult> ManagerCancelOrder(int id, CancellationToken
cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<IActionResult>

ManagerGetOrderAmount(GetOrdersFilter, CancellationToken)

```
[Authorize(Policy = "RequireManagerRole")]
[HttpPost("manager/amount")]
public Task<ActionResult<int>> ManagerGetOrderAmount(GetOrdersFilter request,
CancellationToken cancellationToken)
```

Parameters

`request` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<ActionResult<int>>

ManagerGetOrderById(int, CancellationToken)

```
[Authorize(Policy = "RequireManagerRole")]
[HttpGet("manager/{id}")]
public Task<ActionResult<OrderResponse>> ManagerGetOrderById(int id,
CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<ActionResult<OrderResponse>>

ManagerGetPaginatedOrders(GetOrdersFilter, CancellationToken)

```
[Authorize(Policy = "RequireManagerRole")]
[HttpPost("manager/pagination")]
public Task<ActionResult<IEnumerable<OrderResponse>>>
ManagerGetPaginatedOrders(GetOrdersFilter request, CancellationToken
cancellationToken)
```

Parameters

`request` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<ActionResult<IEnumerable<OrderResponse>>>

ManagerUpdateOrder(ManagerUpdateOrderRequest, CancellationToken)

```
[Authorize(Policy = "RequireManagerRole")]
[HttpPut("manager")]
public Task<ActionResult<OrderResponse>>
ManagerUpdateOrder(ManagerUpdateOrderRequest request, CancellationToken
cancellationToken)
```

Parameters

`request` ManagerUpdateOrderRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<OrderResponse>>

UpdateOrder(ClientUpdateOrderRequest, CancellationToken)

```
[HttpPatch]
public Task<ActionResult<OrderResponse>> UpdateOrder(ClientUpdateOrderRequest
request, CancellationToken cancellationToken)
```

Parameters

`request` ClientUpdateOrderRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<OrderResponse>>

Class StatisticsController

Namespace: ShopApi.Controllers

Assembly: ShopApi.dll

```
[Authorize(Policy = "RequireManagerRole")]
[Route("statistics")]
[ApiController]
public class StatisticsController : ControllerBase
```

Inheritance

object ← ControllerBase ← StatisticsController

Inherited Members

ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) , ControllerBase.Content(string) , ControllerBase.Content(string, string) , ControllerBase.Content(string, string, Encoding) , ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() , ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) , ControllerBase.RedirectPermanent(string) , ControllerBase.RedirectPreserveMethod(string) , ControllerBase.RedirectPermanentPreserveMethod(string) , ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) , ControllerBase.LocalRedirectPreserveMethod(string) , ControllerBase.LocalRedirectPermanentPreserveMethod(string) , ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) , ControllerBase.RedirectToAction(string, object) , ControllerBase.RedirectToAction(string, string) , ControllerBase.RedirectToAction(string, string, object) , ControllerBase.RedirectToAction(string, string, string) , ControllerBase.RedirectToAction(string, string, object, string) , ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) , ControllerBase.RedirectToActionPermanent(string) , ControllerBase.RedirectToActionPermanent(string, object) , ControllerBase.RedirectToActionPermanent(string, string) , ControllerBase.RedirectToActionPermanent(string, string, string) , ControllerBase.RedirectToActionPermanent(string, string, object) , ControllerBase.RedirectToActionPermanent(string, string, object, string) , ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) ,

ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,
ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,

ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,

ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) , ControllerBase.AcceptedAtRoute(string, object) , ControllerBase.AcceptedAtRoute(object, object) , ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() , ControllerBase.Challenge(params string[]) , ControllerBase.Challenge(AuthenticationProperties) , ControllerBase.Challenge(AuthenticationProperties, params string[]) , ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) , ControllerBase.Forbid(AuthenticationProperties) , ControllerBase.Forbid(AuthenticationProperties, params string[]) , ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) , ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) , ControllerBase.SignOut(params string[]) , ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

StatisticsController(IMapper, IStatisticsService)

```
public StatisticsController(IMapper mapper, IStatisticsService statisticsService)
```

Parameters

`mapper` IMapper

`statisticsService` IStatisticsService

Methods

GetShopStatistics(GetShopStatisticsRequest, CancellationToken)

```
[HttpPost]
[OutputCache(PolicyName = "StatisticsPolicy")]
public Task<ActionResult<ShopStatisticsResponse>>
GetShopStatistics(GetShopStatisticsRequest request, CancellationToken
cancellationToken)
```

Parameters

`request` GetShopStatisticsRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<ShopStatisticsResponse>>

Class StockBookOrderController

Namespace: ShopApi.Controllers

Assembly: ShopApi.dll

```
[Authorize(Policy = "RequireManagerRole")]
[Route("stockbook")]
[ApiController]
public class StockBookOrderController : ControllerBase
```

Inheritance

object ← ControllerBase ← StockBookOrderController

Inherited Members

ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) , ControllerBase.Content(string) , ControllerBase.Content(string, string) , ControllerBase.Content(string, string, Encoding) , ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() , ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) , ControllerBase.RedirectPermanent(string) , ControllerBase.RedirectPreserveMethod(string) , ControllerBase.RedirectPermanentPreserveMethod(string) , ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) , ControllerBase.LocalRedirectPreserveMethod(string) , ControllerBase.LocalRedirectPermanentPreserveMethod(string) , ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) , ControllerBase.RedirectToAction(string, object) , ControllerBase.RedirectToAction(string, string) , ControllerBase.RedirectToAction(string, string, object) , ControllerBase.RedirectToAction(string, string, string) , ControllerBase.RedirectToAction(string, string, object, string) , ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) , ControllerBase.RedirectToActionPermanent(string) , ControllerBase.RedirectToActionPermanent(string, object) , ControllerBase.RedirectToActionPermanent(string, string) , ControllerBase.RedirectToActionPermanent(string, string, string) , ControllerBase.RedirectToActionPermanent(string, string, object) , ControllerBase.RedirectToActionPermanent(string, string, object, string) , ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) ,

ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,
ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,

ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,

ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) , ControllerBase.AcceptedAtRoute(string, object) , ControllerBase.AcceptedAtRoute(object, object) , ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() , ControllerBase.Challenge(params string[]) , ControllerBase.Challenge(AuthenticationProperties) , ControllerBase.Challenge(AuthenticationProperties, params string[]) , ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) , ControllerBase.Forbid(AuthenticationProperties) , ControllerBase.Forbid(AuthenticationProperties, params string[]) , ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) , ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) , ControllerBase.SignOut(params string[]) , ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

StockBookOrderController(IMediator)

```
public StockBookOrderController(IMediator mediator)
```

Parameters

`mediator` IMediator

Methods

CreateStockBookOrder(CreateStockBookOrderRequest, CancellationToken)

```
[HttpPost]
public Task<ActionResult<StockBookOrderResponse>>
CreateStockBookOrder(CreateStockBookOrderRequest request,
CancellationToken cancellationToken)
```

Parameters

`request` CreateStockBookOrderRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<StockBookOrderResponse>>

GetStockOrderAmount(CancellationToken)

```
[HttpGet("amount")]
[OutputCache(PolicyName = "StockBookOrderPaginationPolicy")]
public Task<ActionResult<int>> GetStockOrderAmount(CancellationToken
cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<ActionResult<int>>

GetStockOrderById(int, CancellationToken)

```
[HttpGet("{id}")]
public Task<ActionResult<StockBookOrderResponse>> GetStockOrderById(int id,
CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<ActionResult<StockBookOrderResponse>>

GetStockOrderPaginated(PaginationRequest, CancellationToken)

```
[HttpPost("pagination")]
[OutputCache(PolicyName = "StockBookOrderPaginationPolicy")]
public Task<ActionResult<IEnumerable<StockBookOrderResponse>>>
GetStockOrderPaginated(PaginationRequest paginationRequest,
CancellationToken cancellationToken)
```

Parameters

`paginationRequest` PaginationRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<IEnumerable<StockBookOrderResponse>>>

Namespace ShopApi.Features.Advisor Feature

Classes

ChatConfiguration

Class ChatConfiguration

Namespace: ShopApi.Features.AdvisorFeature

Assembly: ShopApi.dll

```
public class ChatConfiguration
```

Inheritance

object ← ChatConfiguration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

BotUrl

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

Property Value

string

Namespace ShopApi.Features.Advisor Feature.Domain.Dtos

Classes

AdvisorQueryRequest

AdvisorResponse

ChatAdvisorQueryRequest

ChatAdvisorResponse

Class AdvisorQueryRequest

Namespace: ShopApi.Features.AdvisorFeature.Domain.Dtos

Assembly: ShopApi.dll

```
public class AdvisorQueryRequest
```

Inheritance

object ← AdvisorQueryRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object)

Properties

Query

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

Property Value

string

Methods

ToString()

Returns a string that represents the current object.

```
public override string ToString()
```

Returns

string

A string that represents the current object.

Class AdvisorResponse

Namespace: ShopApi.Features.AdvisorFeature.Domain.Dtos

Assembly: ShopApi.dll

```
public class AdvisorResponse
```

Inheritance

object ← AdvisorResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Message

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

Property Value

string

Class ChatAdvisorQueryRequest

Namespace: ShopApi.Features.AdvisorFeature.Domain.Dtos

Assembly: ShopApi.dll

```
public class ChatAdvisorQueryRequest
```

Inheritance

object ← ChatAdvisorQueryRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Query

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

Property Value

string

Class ChatAdvisorResponse

Namespace: ShopApi.Features.AdvisorFeature.Domain.Dtos

Assembly: ShopApi.dll

```
public class ChatAdvisorResponse
```

Inheritance

object ← ChatAdvisorResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Message

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

Property Value

string

Namespace ShopApi.Features.Advisor Feature.Domain.Validators

Classes

AdvisorQueryRequestValidator

ChatAdvisorQueryRequestValidator

Class AdvisorQueryRequestValidator

Namespace: ShopApi.Features.AdvisorFeature.Domain.Validators

Assembly: ShopApi.dll

```
public class AdvisorQueryRequestValidator : AbstractValidator<AdvisorQueryRequest>,
IValidator<AdvisorQueryRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<AdvisorQueryRequest> ← AdvisorQueryRequestValidator

Implements

IValidator<AdvisorQueryRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<AdvisorQueryRequest>.Validate(AdvisorQueryRequest) , AbstractValidator<AdvisorQueryRequest>.ValidateAsync(AdvisorQueryRequest, CancellationToken) , AbstractValidator<AdvisorQueryRequest>.Validate(ValidationContext<AdvisorQueryRequest>) , AbstractValidator<AdvisorQueryRequest>.ValidateAsync(ValidationContext<AdvisorQueryRequest>, CancellationToken) , AbstractValidator<AdvisorQueryRequest>.CreateDescriptor() , AbstractValidator<AdvisorQueryRequest>.RuleFor<TProperty>(Expression<Func<AdvisorQueryRequest, TProperty>>) , AbstractValidator<AdvisorQueryRequest>.Transform<TProperty, TTransformed>(Expression<Func<AdvisorQueryRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<AdvisorQueryRequest>.Transform<TProperty, TTransformed>(Expression<Func<AdvisorQueryRequest, TProperty>>, Func<AdvisorQueryRequest, TProperty, TTransformed>) , AbstractValidator<AdvisorQueryRequest>.RuleForEach<TElement>(Expression<Func<AdvisorQueryRequest, IEnumerable<TElement>>>) , AbstractValidator<AdvisorQueryRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<AdvisorQueryRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<AdvisorQueryRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<AdvisorQueryRequest, IEnumerable<TElement>>>, Func<AdvisorQueryRequest, TElement, TTransformed>) , AbstractValidator<AdvisorQueryRequest>.RuleSet(string, Action) , AbstractValidator<AdvisorQueryRequest>.When(Func<AdvisorQueryRequest, bool>, Action) , AbstractValidator<AdvisorQueryRequest>.When(Func<AdvisorQueryRequest, ValidationContext<AdvisorQueryRequest>, bool>, Action) , AbstractValidator<AdvisorQueryRequest>.Unless(Func<AdvisorQueryRequest, bool>, Action) , AbstractValidator<AdvisorQueryRequest>.Unless(Func<AdvisorQueryRequest, ValidationContext<AdvisorQueryRequest>, bool>, Action) , AbstractValidator<AdvisorQueryRequest>.WhenAsync(Func<AdvisorQueryRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdvisorQueryRequest>.WhenAsync(Func<AdvisorQueryRequest, ValidationContext<AdvisorQueryRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdvisorQueryRequest>.UnlessAsync(Func<AdvisorQueryRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdvisorQueryRequest>.UnlessAsync(Func<AdvisorQueryRequest, ValidationContext<AdvisorQueryRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdvisorQueryRequest>.Include(IValidator<AdvisorQueryRequest>) , AbstractValidator<AdvisorQueryRequest>.Include<TValidator>(Func<AdvisorQueryRequest, TValidator>) , AbstractValidator<AdvisorQueryRequest>.GetEnumerator() , AbstractValidator<AdvisorQueryRequest>.EnsureInstanceNotNull(object) , AbstractValidator<AdvisorQueryRequest>.PreValidate(ValidationContext<AdvisorQueryRequest>, ValidationResult) , AbstractValidator<AdvisorQueryRequest>.RaiseValidationException(ValidationContext<AdvisorQueryRequest>, ValidationResult) , AbstractValidator<AdvisorQueryRequest>.CascadeMode , AbstractValidator<AdvisorQueryRequest>.ClassLevelCascadeMode , AbstractValidator<AdvisorQueryRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdvisorQueryRequestValidator()

```
public AdvisorQueryRequestValidator()
```

Class ChatAdvisorQueryRequestValidator

Namespace: ShopApi.Features.AdvisorFeature.Domain.Validators

Assembly: ShopApi.dll

```
public class ChatAdvisorQueryRequestValidator :
AbstractValidator<ChatAdvisorQueryRequest>, IValidator<ChatAdvisorQueryRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<ChatAdvisorQueryRequest> ← ChatAdvisorQueryRequestValidator

Implements

IValidator<ChatAdvisorQueryRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<ChatAdvisorQueryRequest>.Validate(ChatAdvisorQueryRequest) , AbstractValidator<ChatAdvisorQueryRequest>.ValidateAsync(ChatAdvisorQueryRequest, CancellationToken) , AbstractValidator<ChatAdvisorQueryRequest>.Validate(ValidationContext<ChatAdvisorQueryRequest>) , AbstractValidator<ChatAdvisorQueryRequest>.ValidateAsync(ValidationContext<ChatAdvisorQueryRequest>, CancellationToken) , AbstractValidator<ChatAdvisorQueryRequest>.CreateDescriptor() , AbstractValidator<ChatAdvisorQueryRequest>.RuleFor<TProperty>(Expression<Func<ChatAdvisorQueryRequest, TProperty>>) , AbstractValidator<ChatAdvisorQueryRequest>.Transform<TProperty, TTransformed>(Expression<Func<ChatAdvisorQueryRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<ChatAdvisorQueryRequest>.Transform<TProperty, TTransformed>(Expression<Func<ChatAdvisorQueryRequest, TProperty>>, Func<ChatAdvisorQueryRequest, TProperty, TTransformed>) , AbstractValidator<ChatAdvisorQueryRequest>.RuleForEach<TElement>(Expression<Func<ChatAdvisorQueryRequest, IEnumerable<TElement>>>) , AbstractValidator<ChatAdvisorQueryRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<ChatAdvisorQueryRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<ChatAdvisorQueryRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<ChatAdvisorQueryRequest, IEnumerable<TElement>>>, Func<ChatAdvisorQueryRequest, TElement, TTransformed>) , AbstractValidator<ChatAdvisorQueryRequest>.RuleSet(string, Action) , AbstractValidator<ChatAdvisorQueryRequest>.When(Func<ChatAdvisorQueryRequest, bool>, Action) , AbstractValidator<ChatAdvisorQueryRequest>.When(Func<ChatAdvisorQueryRequest, ValidationContext<ChatAdvisorQueryRequest>, bool>, Action) , AbstractValidator<ChatAdvisorQueryRequest>.Unless(Func<ChatAdvisorQueryRequest, bool>, Action) , AbstractValidator<ChatAdvisorQueryRequest>.Unless(Func<ChatAdvisorQueryRequest, ValidationContext<ChatAdvisorQueryRequest>, bool>, Action) , AbstractValidator<ChatAdvisorQueryRequest>.WhenAsync(Func<ChatAdvisorQueryRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<ChatAdvisorQueryRequest>.WhenAsync(Func<ChatAdvisorQueryRequest, ValidationContext<ChatAdvisorQueryRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<ChatAdvisorQueryRequest>.UnlessAsync(Func<ChatAdvisorQueryRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<ChatAdvisorQueryRequest>.UnlessAsync(Func<ChatAdvisorQueryRequest, ValidationContext<ChatAdvisorQueryRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<ChatAdvisorQueryRequest>.Include(IValidator<ChatAdvisorQueryRequest>) , AbstractValidator<ChatAdvisorQueryRequest>.Include<TValidator>(Func<ChatAdvisorQueryRequest, TValidator>) , AbstractValidator<ChatAdvisorQueryRequest>.GetEnumerator() , AbstractValidator<ChatAdvisorQueryRequest>.EnsureInstanceNotNull(object) , AbstractValidator<ChatAdvisorQueryRequest>.PreValidate(ValidationContext<ChatAdvisorQueryRequest>, ValidationResult) , AbstractValidator<ChatAdvisorQueryRequest>.RaiseValidationException(ValidationContext<ChatAdvisorQueryRequest>, ValidationResult) , AbstractValidator<ChatAdvisorQueryRequest>.CascadeMode , AbstractValidator<ChatAdvisorQueryRequest>.ClassLevelCascadeMode , AbstractValidator<ChatAdvisorQueryRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ChatAdvisorQueryRequestValidator()

```
public ChatAdvisorQueryRequestValidator()
```

Namespace ShopApi.Features.Advisor Feature.Services

Classes

AdvisorService

Interfaces

IAdvisorService

Class AdvisorService

Namespace: ShopApi.Features.AdvisorFeature.Services

Assembly: ShopApi.dll

```
public class AdvisorService : IAdvisorService
```

Inheritance

object ← AdvisorService

Implements

IAdvisorService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdvisorService(ResiliencePipelineProvider<string>, IHttpHelper, IConfiguration)

```
public AdvisorService(ResiliencePipelineProvider<string> resiliencePipelineProvider,
IHttpHelper httpHelper, IConfiguration configuration)
```

Parameters

`resiliencePipelineProvider` ResiliencePipelineProvider<string>

`httpHelper` IHttpHelper

`configuration` IConfiguration

Methods

SendQueryAsync(ChatAdvisorQueryRequest, CancellationToken)

```
public Task<ChatAdvisorResponse?> SendQueryAsync(ChatAdvisorQueryRequest req,
CancellationToken cancellationToken)
```

Parameters

`req` ChatAdvisorQueryRequest

`cancellationToken` CancellationToken

Returns

Task<ChatAdvisorResponse>

Interface IAdvisorService

Namespace: ShopApi.Features.AdvisorFeature.Services

Assembly: ShopApi.dll

```
public interface IAdvisorService
```

Methods

SendQueryAsync(ChatAdvisorQueryRequest, CancellationToken)

```
Task<ChatAdvisorResponse?> SendQueryAsync(ChatAdvisorQueryRequest req,
CancellationToken cancellationToken)
```

Parameters

`req` ChatAdvisorQueryRequest

`cancellationToken` CancellationToken

Returns

Task<ChatAdvisorResponse>

Namespace ShopApi.Features.Advisor Feature.Validators

Classes

AdvisorQueryRequestValidator

Class AdvisorQueryRequestValidator

Namespace: ShopApi.Features.AdvisorFeature.Validators

Assembly: ShopApi.dll

```
public class AdvisorQueryRequestValidator : AbstractValidator<AdvisorQueryRequest>,
IValidator<AdvisorQueryRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<AdvisorQueryRequest> ← AdvisorQueryRequestValidator

Implements

IValidator<AdvisorQueryRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<AdvisorQueryRequest>.Validate(AdvisorQueryRequest) , AbstractValidator<AdvisorQueryRequest>.ValidateAsync(AdvisorQueryRequest, CancellationToken) , AbstractValidator<AdvisorQueryRequest>.Validate(ValidationContext<AdvisorQueryRequest>) , AbstractValidator<AdvisorQueryRequest>.ValidateAsync(ValidationContext<AdvisorQueryRequest>, CancellationToken) , AbstractValidator<AdvisorQueryRequest>.CreateDescriptor() , AbstractValidator<AdvisorQueryRequest>.RuleFor<TProperty>(Expression<Func<AdvisorQueryRequest, TProperty>>) , AbstractValidator<AdvisorQueryRequest>.Transform<TProperty, TTransformed>(Expression<Func<AdvisorQueryRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<AdvisorQueryRequest>.Transform<TProperty, TTransformed>(Expression<Func<AdvisorQueryRequest, TProperty>>, Func<AdvisorQueryRequest, TProperty, TTransformed>) , AbstractValidator<AdvisorQueryRequest>.RuleForEach<TElement>(Expression<Func<AdvisorQueryRequest, IEnumerable<TElement>>>) , AbstractValidator<AdvisorQueryRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<AdvisorQueryRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<AdvisorQueryRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<AdvisorQueryRequest, IEnumerable<TElement>>>, Func<AdvisorQueryRequest, TElement, TTransformed>) , AbstractValidator<AdvisorQueryRequest>.RuleSet(string, Action) , AbstractValidator<AdvisorQueryRequest>.When(Func<AdvisorQueryRequest, bool>, Action) , AbstractValidator<AdvisorQueryRequest>.When(Func<AdvisorQueryRequest, ValidationContext<AdvisorQueryRequest>, bool>, Action) , AbstractValidator<AdvisorQueryRequest>.Unless(Func<AdvisorQueryRequest, bool>, Action) , AbstractValidator<AdvisorQueryRequest>.Unless(Func<AdvisorQueryRequest, ValidationContext<AdvisorQueryRequest>, bool>, Action) , AbstractValidator<AdvisorQueryRequest>.WhenAsync(Func<AdvisorQueryRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdvisorQueryRequest>.WhenAsync(Func<AdvisorQueryRequest, ValidationContext<AdvisorQueryRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdvisorQueryRequest>.UnlessAsync(Func<AdvisorQueryRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdvisorQueryRequest>.UnlessAsync(Func<AdvisorQueryRequest, ValidationContext<AdvisorQueryRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdvisorQueryRequest>.Include(IValidator<AdvisorQueryRequest>) , AbstractValidator<AdvisorQueryRequest>.Include<TValidator>(Func<AdvisorQueryRequest, TValidator>) , AbstractValidator<AdvisorQueryRequest>.GetEnumerator() , AbstractValidator<AdvisorQueryRequest>.EnsureInstanceNotNull(object) , AbstractValidator<AdvisorQueryRequest>.PreValidate(ValidationContext<AdvisorQueryRequest>, ValidationResult) , AbstractValidator<AdvisorQueryRequest>.RaiseValidationException(ValidationContext<AdvisorQueryRequest>, ValidationResult) , AbstractValidator<AdvisorQueryRequest>.CascadeMode , AbstractValidator<AdvisorQueryRequest>.ClassLevelCascadeMode , AbstractValidator<AdvisorQueryRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdvisorQueryRequestValidator()

```
public AdvisorQueryRequestValidator()
```

Namespace ShopApi.Features.CartFeature.Command.AddBookToCart

Classes

AddBookToCartCommand

AddBookToCartCommandHandler

Class AddBookToCartCommand

Namespace: ShopApi.Features.CartFeature.Command.AddBookToCart

Assembly: ShopApi.dll

```
public record AddBookToCartCommand : IRequest<CartBookResponse>, IBaseRequest,
IEquatable<AddBookToCartCommand>
```

Inheritance

object ← AddBookToCartCommand

Implements

IRequest<CartBookResponse>, IBaseRequest, IEquatable<AddBookToCartCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AddBookToCartCommand(string, AddBookToCartRequest)

```
public AddBookToCartCommand(string UserId, AddBookToCartRequest Request)
```

Parameters

`UserId` string

`Request` AddBookToCartRequest

Properties

Request

```
public AddBookToCartRequest Request { get; init; }
```

Property Value

AddBookToCartRequest

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class AddBookToCartCommandHandler

Namespace: ShopApi.Features.CartFeature.Command.AddBookToCart

Assembly: ShopApi.dll

```
public class AddBookToCartCommandHandler : IRequestHandler<AddBookToCartCommand,
CartBookResponse>
```

Inheritance

object ← AddBookToCartCommandHandler

Implements

IRequestHandler<AddBookToCartCommand, CartBookResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AddBookToCartCommandHandler(ICartService, ILibraryService, IMapper)

```
public AddBookToCartCommandHandler(ICartService cartService, ILibraryService
libraryService, IMapper mapper)
```

Parameters

`cartService` ICartService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(AddBookToCartCommand, CancellationToken)

Handles a request

```
public Task<CartBookResponse> Handle(AddBookToCartCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` AddBookToCartCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<CartBookResponse>

Response from the request

Namespace ShopApi.Features.CartFeature.Command.DeleteBooksFromCart

Classes

DeleteBooksFromCartCommand

DeleteBooksFromCartCommandHandler

Class DeleteBooksFromCartCommand

Namespace: ShopApi.Features.CartFeature.Command.DeleteBooksFromCart

Assembly: ShopApi.dll

```
public record DeleteBooksFromCartCommand : IRequest<CartResponse>, IBaseRequest,
IEquatable<DeleteBooksFromCartCommand>
```

Inheritance

object ← DeleteBooksFromCartCommand

Implements

IRequest<CartResponse>, IBaseRequest, IEquatable<DeleteBooksFromCartCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

DeleteBooksFromCartCommand(string, DeleteCartBookFromCartRequest[])

```
public DeleteBooksFromCartCommand(string UserId, DeleteCartBookFromCartRequest[]
Requests)
```

Parameters

`UserId` string

`Requests` DeleteCartBookFromCartRequest[]

Properties

Requests

```
public DeleteCartBookFromCartRequest[] Requests { get; init; }
```

Property Value

DeleteCartBookFromCartRequest[]

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class DeleteBooksFromCartCommandHandler

Namespace: ShopApi.Features.CartFeature.Command.DeleteBooksFromCart

Assembly: ShopApi.dll

```
public class DeleteBooksFromCartCommandHandler :
IRequestHandler<DeleteBooksFromCartCommand, CartResponse>
```

Inheritance

object ← DeleteBooksFromCartCommandHandler

Implements

IRequestHandler<DeleteBooksFromCartCommand, CartResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

DeleteBooksFromCartCommandHandler(ICartService, ILibraryService, IMapper)

```
public DeleteBooksFromCartCommandHandler(ICartService cartService, ILibraryService
libraryService, IMapper mapper)
```

Parameters

`cartService` ICartService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(DeleteBooksFromCartCommand, CancellationToken)

Handles a request

```
public Task<CartResponse> Handle(DeleteBooksFromCartCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` DeleteBooksFromCartCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<CartResponse>

Response from the request

Namespace ShopApi.Features.CartFeature.Command.GetCart

Classes

GetCartQuery

GetCartQueryHandler

Class GetCartQuery

Namespace: ShopApi.Features.CartFeature.Command.GetCart

Assembly: ShopApi.dll

```
public record GetCartQuery : IRequest<CartResponse>, IBaseRequest,
IEquatable<GetCartQuery>
```

Inheritance

object ← GetCartQuery

Implements

IRequest<CartResponse>, IBaseRequest, IEquatable<GetCartQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetCartQuery(string)

```
public GetCartQuery(string UserId)
```

Parameters

`UserId` string

Properties

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class GetCartQueryHandler

Namespace: ShopApi.Features.CartFeature.Command.GetCart

Assembly: ShopApi.dll

```
public class GetCartQueryHandler : IRequestHandler<GetCartQuery, CartResponse>
```

Inheritance

object ← GetCartQueryHandler

Implements

IRequestHandler<GetCartQuery, CartResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetCartQueryHandler(ICartService, ILibraryService, IMapper)

```
public GetCartQueryHandler(ICartService cartService, ILibraryService libraryService,
IMapper mapper)
```

Parameters

`cartService` ICartService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(GetCartQuery, CancellationToken)

Handles a request

```
public Task<CartResponse> Handle(GetCartQuery request, CancellationToken
cancellationToken)
```

Parameters

`request` GetCartQuery

The request

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<CartResponse>

Response from the request

Namespace ShopApi.Features.CartFeature.Command.GetInCartAmount

Classes

GetInCartAmountQuery

GetInCartAmountQueryHandler

Class GetInCartAmountQuery

Namespace: ShopApi.Features.CartFeature.Command.GetInCartAmount

Assembly: ShopApi.dll

```
public record GetInCartAmountQuery : IRequest<int>, IBaseRequest,
IEquatable<GetInCartAmountQuery>
```

Inheritance

object ← GetInCartAmountQuery

Implements

IRequest<int>, IBaseRequest, IEquatable<GetInCartAmountQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetInCartAmountQuery(string)

```
public GetInCartAmountQuery(string UserId)
```

Parameters

`UserId` string

Properties

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class GetInCartAmountQueryHandler

Namespace: ShopApi.Features.CartFeature.Command.GetInCartAmount

Assembly: ShopApi.dll

```
public class GetInCartAmountQueryHandler : IRequestHandler<GetInCartAmountQuery,
int>
```

Inheritance

object ← GetInCartAmountQueryHandler

Implements

IRequestHandler<GetInCartAmountQuery, int>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetInCartAmountQueryHandler(ICartService, IMapper)

```
public GetInCartAmountQueryHandler(ICartService cartService, IMapper mapper)
```

Parameters

`cartService` ICartService

`mapper` IMapper

Methods

Handle(GetInCartAmountQuery, CancellationToken)

Handles a request

```
public Task<int> Handle(GetInCartAmountQuery request, CancellationToken
cancellationToken)
```

Parameters

`request` GetInCartAmountQuery

The request

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<int>

Response from the request

Namespace ShopApi.Features.CartFeature.Command.UpdateCartBookInCart

Classes

UpdateCartBookInCartCommand

UpdateCartBookInCartCommandHandler

Class UpdateCartBookInCartCommand

Namespace: ShopApi.Features.CartFeature.Command.UpdateCartBookInCart

Assembly: ShopApi.dll

```
public record UpdateCartBookInCartCommand : IRequest<CartBookResponse>,
IBaseRequest, IEquatable<UpdateCartBookInCartCommand>
```

Inheritance

object ← UpdateCartBookInCartCommand

Implements

IRequest<CartBookResponse>, IBaseRequest, IEquatable<UpdateCartBookInCartCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateCartBookInCartCommand(string, UpdateCartBookRequest)

```
public UpdateCartBookInCartCommand(string UserId, UpdateCartBookRequest Request)
```

Parameters

`UserId` string

`Request` UpdateCartBookRequest

Properties

Request

```
public UpdateCartBookRequest Request { get; init; }
```

Property Value

UpdateCartBookRequest

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class UpdateCartBookInCartCommandHandler

Namespace: ShopApi.Features.CartFeature.Command.UpdateCartBookInCart

Assembly: ShopApi.dll

```
public class UpdateCartBookInCartCommandHandler :
IRequestHandler<UpdateCartBookInCartCommand, CartBookResponse>
```

Inheritance

object ← UpdateCartBookInCartCommandHandler

Implements

IRequestHandler<UpdateCartBookInCartCommand, CartBookResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateCartBookInCartCommandHandler(ICartService, ILibraryService, IMapper)

```
public UpdateCartBookInCartCommandHandler(ICartService cartService, ILibraryService
libraryService, IMapper mapper)
```

Parameters

`cartService` ICartService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(UpdateCartBookInCartCommand, CancellationToken)

Handles a request

```
public Task<CartBookResponse> Handle(UpdateCartBookInCartCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` UpdateCartBookInCartCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<CartBookResponse>

Response from the request

Namespace ShopApi.Features.CartFeature.Dtos

Classes

AddBookToCartRequest

DeleteCartBookFromCartRequest

UpdateCartBookRequest

Class AddBookToCartRequest

Namespace: ShopApi.Features.CartFeature.Dtos

Assembly: ShopApi.dll

```
public class AddBookToCartRequest
```

Inheritance

object ← AddBookToCartRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

BookAmount

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

Property Value

int

BookId

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

Property Value

int

Class DeleteCartBookFromCartRequest

Namespace: ShopApi.Features.CartFeature.Dtos

Assembly: ShopApi.dll

```
public class DeleteCartBookFromCartRequest
```

Inheritance

object ← DeleteCartBookFromCartRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Id

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

Property Value

int

Class UpdateCartBookRequest

Namespace: ShopApi.Features.CartFeature.Dtos

Assembly: ShopApi.dll

```
public class UpdateCartBookRequest
```

Inheritance

object ← UpdateCartBookRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

BookAmount

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

Property Value

int

Id

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

Property Value

string

Namespace ShopApi.Features.CartFeature.Services

Classes

CartService

Interfaces

ICartService

Class CartService

Namespace: ShopApi.Features.CartFeature.Services

Assembly: ShopApi.dll

```
public class CartService : ICartService
```

Inheritance

object ← CartService

Implements

ICartService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CartService(ICartRepository, IConfiguration)

```
public CartService(ICartRepository repository, IConfiguration configuration)
```

Parameters

`repository` ICartRepository

`configuration` IConfiguration

Methods

AddCartBookAsync(Cart, CartBook, CancellationToken)

```
public Task<CartBook> AddCartBookAsync(Cart cart, CartBook cartBook,
CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`cartBook` CartBook

`cancellationToken` CancellationToken

Returns

Task<CartBook>

CheckBookCartAsync(Cart, string, CancellationToken)

```
public Task<bool> CheckBookCartAsync(Cart cart, string id,
CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`id` string

`cancellationToken` CancellationToken

Returns

Task<bool>

CreateCartAsync(string, CancellationToken)

```
public Task<Cart> CreateCartAsync(string userId, CancellationToken
cancellationToken)
```

Parameters

`userId` string

`cancellationToken` CancellationToken

Returns

Task<Cart>

DeleteBooksFromCartAsync(Cart, int[], CancellationToken)

```
public Task<Cart> DeleteBooksFromCartAsync(Cart cart, int[] bookIds,
CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`bookIds` int[]

`cancellationToken` CancellationToken

Returns

Task<Cart>

GetCartByUserIdAsync(string, bool, CancellationToken)

```
public Task<Cart?> GetCartByUserIdAsync(string userId, bool includeBooks,
CancellationToken cancellationToken)
```

Parameters

`userId` string

`includeBooks` bool

`cancellationToken` CancellationToken

Returns

Task<Cart>

GetInCartAmountAsync(Cart, CancellationToken)

```
public Task<int> GetInCartAmountAsync(Cart cart, CancellationToken
cancellationToken)
```

Parameters

`cart` Cart

`cancellationToken` CancellationToken

Returns

Task<int>

UpdateCartBookAsync(Cart, CartBook, CancellationToken)

```
public Task<CartBook> UpdateCartBookAsync(Cart cart, CartBook cartBook,
CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`cartBook` CartBook

`cancellationToken` CancellationToken

Returns

Task<CartBook>

Interface ICartService

Namespace: ShopApi.Features.CartFeature.Services

Assembly: ShopApi.dll

```
public interface ICartService
```

Methods

AddCartBookAsync(Cart, CartBook, CancellationToken)

```
Task<CartBook> AddCartBookAsync(Cart cart, CartBook cartBook,
CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`cartBook` CartBook

`cancellationToken` CancellationToken

Returns

Task<CartBook>

CheckBookCartAsync(Cart, string, CancellationToken)

```
Task<bool> CheckBookCartAsync(Cart cart, string id, CancellationToken
cancellationToken)
```

Parameters

`cart` Cart

`id` string

`cancellationToken` CancellationToken

Returns

Task<bool>

CreateCartAsync(string, CancellationToken)

```
Task<Cart> CreateCartAsync(string userId, CancellationToken cancellationToken)
```

Parameters

`userId` string

`cancellationToken` CancellationToken

Returns

Task<Cart>

DeleteBooksFromCartAsync(Cart, int[], CancellationToken)

```
Task<Cart> DeleteBooksFromCartAsync(Cart cart, int[] bookIds,
CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`bookIds` int[]

`cancellationToken` CancellationToken

Returns

Task<Cart>

GetCartByUserIdAsync(string, bool, CancellationToken)

```
Task<Cart?> GetCartByUserIdAsync(string userId, bool includeProducts,
CancellationToken cancellationToken)
```

Parameters

`userId` string

`includeProducts` bool

`cancellationToken` CancellationToken

Returns

Task<Cart>

GetInCartAmountAsync(Cart, CancellationToken)

```
Task<int> GetInCartAmountAsync(Cart cart, CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`cancellationToken` CancellationToken

Returns

Task<int>

UpdateCartBookAsync(Cart, CartBook, CancellationToken)

```
Task<CartBook> UpdateCartBookAsync(Cart cart, CartBook cartBook,
CancellationToken cancellationToken)
```

Parameters

`cart` Cart

`cartBook` CartBook

`cancellationToken` CancellationToken

Returns

Task<CartBook>

Namespace ShopApi.Features.CartFeature.Validators

Classes

AddBookToCartRequestValidator

DeleteBookFromCartRequestValidator

UpdateCartBookRequestValidator

Class AddBookToCartRequestValidator

Namespace: ShopApi.Features.CartFeature.Validators

Assembly: ShopApi.dll

```
public class AddBookToCartRequestValidator :
AbstractValidator<AddBookToCartRequest>, IValidator<AddBookToCartRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<AddBookToCartRequest> ← AddBookToCartRequestValidator

Implements

IValidator<AddBookToCartRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<AddBookToCartRequest>.Validate(AddBookToCartRequest) , AbstractValidator<AddBookToCartRequest>.ValidateAsync(AddBookToCartRequest, CancellationToken) , AbstractValidator<AddBookToCartRequest>.Validate(ValidationContext<AddBookToCartRequest>) , AbstractValidator<AddBookToCartRequest>.ValidateAsync(ValidationContext<AddBookToCartRequest>, CancellationToken) , AbstractValidator<AddBookToCartRequest>.CreateDescriptor() , AbstractValidator<AddBookToCartRequest>.RuleFor<TProperty>(Expression<Func<AddBookToCartRequest, TProperty>>) , AbstractValidator<AddBookToCartRequest>.Transform<TProperty, TTransformed>(Expression<Func<AddBookToCartRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<AddBookToCartRequest>.Transform<TProperty, TTransformed>(Expression<Func<AddBookToCartRequest, TProperty>>, Func<AddBookToCartRequest, TProperty, TTransformed>) , AbstractValidator<AddBookToCartRequest>.RuleForEach<TElement>(Expression<Func<AddBookToCartRequest, IEnumerable<TElement>>>) , AbstractValidator<AddBookToCartRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<AddBookToCartRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<AddBookToCartRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<AddBookToCartRequest, IEnumerable<TElement>>>, Func<AddBookToCartRequest, TElement, TTransformed>) , AbstractValidator<AddBookToCartRequest>.RuleSet(string, Action) , AbstractValidator<AddBookToCartRequest>.When(Func<AddBookToCartRequest, bool>, Action) , AbstractValidator<AddBookToCartRequest>.When(Func<AddBookToCartRequest, ValidationContext<AddBookToCartRequest>, bool>, Action) , AbstractValidator<AddBookToCartRequest>.Unless(Func<AddBookToCartRequest, bool>, Action) , AbstractValidator<AddBookToCartRequest>.Unless(Func<AddBookToCartRequest, ValidationContext<AddBookToCartRequest>, bool>, Action) , AbstractValidator<AddBookToCartRequest>.WhenAsync(Func<AddBookToCartRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<AddBookToCartRequest>.WhenAsync(Func<AddBookToCartRequest, ValidationContext<AddBookToCartRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AddBookToCartRequest>.UnlessAsync(Func<AddBookToCartRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<AddBookToCartRequest>.UnlessAsync(Func<AddBookToCartRequest, ValidationContext<AddBookToCartRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AddBookToCartRequest>.Include(IValidator<AddBookToCartRequest>) , AbstractValidator<AddBookToCartRequest>.Include<TValidator>(Func<AddBookToCartRequest, TValidator>) , AbstractValidator<AddBookToCartRequest>.GetEnumerator() , AbstractValidator<AddBookToCartRequest>.EnsureInstanceNotNull(object) , AbstractValidator<AddBookToCartRequest>.PreValidate(ValidationContext<AddBookToCartRequest>, ValidationResult) , AbstractValidator<AddBookToCartRequest>.RaiseValidationException(ValidationContext<AddBookToCartRequest>, ValidationResult) , AbstractValidator<AddBookToCartRequest>.CascadeMode , AbstractValidator<AddBookToCartRequest>.ClassLevelCascadeMode , AbstractValidator<AddBookToCartRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AddBookToCartRequestValidator(IConfiguration)

```
public AddBookToCartRequestValidator(IConfiguration configuration)
```

Parameters

`configuration` IConfiguration

Class DeleteBookFromCartRequestValidator

Namespace: ShopApi.Features.CartFeature.Validators

Assembly: ShopApi.dll

```
public class DeleteBookFromCartRequestValidator :
AbstractValidator<DeleteCartBookFromCartRequest>,
IValidator<DeleteCartBookFromCartRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<DeleteCartBookFromCartRequest> ← DeleteBookFromCartRequestValidator

Implements

IValidator<DeleteCartBookFromCartRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<DeleteCartBookFromCartRequest>.Validate(DeleteCartBookFromCartRequest) , AbstractValidator<DeleteCartBookFromCartRequest>.ValidateAsync(DeleteCartBookFromCartRequest, CancellationToken) , AbstractValidator<DeleteCartBookFromCartRequest>.Validate(ValidationContext<DeleteCartBookFromCartRequest>) , AbstractValidator<DeleteCartBookFromCartRequest>.ValidateAsync(ValidationContext<DeleteCartBookFromCartRequest>, CancellationToken) , AbstractValidator<DeleteCartBookFromCartRequest>.CreateDescriptor() , AbstractValidator<DeleteCartBookFromCartRequest>.RuleFor<TProperty>(Expression<Func<DeleteCartBookFromCartRequest, TProperty>>) , AbstractValidator<DeleteCartBookFromCartRequest>.Transform<TProperty, TTransformed>(Expression<Func<DeleteCartBookFromCartRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<DeleteCartBookFromCartRequest>.Transform<TProperty, TTransformed>(Expression<Func<DeleteCartBookFromCartRequest, TProperty>>, Func<DeleteCartBookFromCartRequest, TProperty, TTransformed>) , AbstractValidator<DeleteCartBookFromCartRequest>.RuleForEach<TElement>(Expression<Func<DeleteCartBookFromCartRequest, IEnumerable<TElement>>>) ,

AbstractValidator<DeleteCartBookFromCartRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<DeleteCartBookFromCartRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<DeleteCartBookFromCartRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<DeleteCartBookFromCartRequest, IEnumerable<TElement>>>, Func<DeleteCartBookFromCartRequest, TElement, TTransformed>) , AbstractValidator<DeleteCartBookFromCartRequest>.RuleSet(string, Action) , AbstractValidator<DeleteCartBookFromCartRequest>.When(Func<DeleteCartBookFromCartRequest, bool>, Action) , AbstractValidator<DeleteCartBookFromCartRequest>.When(Func<DeleteCartBookFromCartRequest, ValidationContext<DeleteCartBookFromCartRequest>, bool>, Action) , AbstractValidator<DeleteCartBookFromCartRequest>.Unless(Func<DeleteCartBookFromCartRequest, bool>, Action) , AbstractValidator<DeleteCartBookFromCartRequest>.Unless(Func<DeleteCartBookFromCartRequest, ValidationContext<DeleteCartBookFromCartRequest>, bool>, Action) , AbstractValidator<DeleteCartBookFromCartRequest>.WhenAsync(Func<DeleteCartBookFromCartRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<DeleteCartBookFromCartRequest>.WhenAsync(Func<DeleteCartBookFromCartRequest, ValidationContext<DeleteCartBookFromCartRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<DeleteCartBookFromCartRequest>.UnlessAsync(Func<DeleteCartBookFromCartRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<DeleteCartBookFromCartRequest>.UnlessAsync(Func<DeleteCartBookFromCartRequest, ValidationContext<DeleteCartBookFromCartRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<DeleteCartBookFromCartRequest>.Include(IValidator<DeleteCartBookFromCartRequest>) , AbstractValidator<DeleteCartBookFromCartRequest>.Include<TValidator>(Func<DeleteCartBookFromCartRequest, TValidator>) , AbstractValidator<DeleteCartBookFromCartRequest>.GetEnumerator() , AbstractValidator<DeleteCartBookFromCartRequest>.EnsureInstanceNotNull(object) , AbstractValidator<DeleteCartBookFromCartRequest>.PreValidate(ValidationContext<DeleteCartBookFromCartRequest>, ValidationResult) , AbstractValidator<DeleteCartBookFromCartRequest>.RaiseValidationException(ValidationContext<DeleteCartBookFromCartRequest>, ValidationResult) , AbstractValidator<DeleteCartBookFromCartRequest>.CascadeMode , AbstractValidator<DeleteCartBookFromCartRequest>.ClassLevelCascadeMode , AbstractValidator<DeleteCartBookFromCartRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() ,

object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

DeleteBookFromCartRequestValidator()

```
public DeleteBookFromCartRequestValidator()
```

Class UpdateCartBookRequestValidator

Namespace: ShopApi.Features.CartFeature.Validators

Assembly: ShopApi.dll

```
public class UpdateCartBookRequestValidator :
AbstractValidator<UpdateCartBookRequest>, IValidator<UpdateCartBookRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<UpdateCartBookRequest> ← UpdateCartBookRequestValidator

Implements

IValidator<UpdateCartBookRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<UpdateCartBookRequest>.Validate(UpdateCartBookRequest) , AbstractValidator<UpdateCartBookRequest>.ValidateAsync(UpdateCartBookRequest, CancellationToken) , AbstractValidator<UpdateCartBookRequest>.Validate(ValidationContext<UpdateCartBookRequest>) , AbstractValidator<UpdateCartBookRequest>.ValidateAsync(ValidationContext<UpdateCartBookRequest>, CancellationToken) , AbstractValidator<UpdateCartBookRequest>.CreateDescriptor() , AbstractValidator<UpdateCartBookRequest>.RuleFor<TProperty>(Expression<Func<UpdateCartBookRequest, TProperty>>) , AbstractValidator<UpdateCartBookRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateCartBookRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<UpdateCartBookRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateCartBookRequest, TProperty>>, Func<UpdateCartBookRequest, TProperty, TTransformed>) , AbstractValidator<UpdateCartBookRequest>.RuleForEach<TElement>(Expression<Func<UpdateCartBookRequest, IEnumerable<TElement>>>) , AbstractValidator<UpdateCartBookRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateCartBookRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<UpdateCartBookRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateCartBookRequest, IEnumerable<TElement>>>, Func<UpdateCartBookRequest, TElement, TTransformed>) , AbstractValidator<UpdateCartBookRequest>.RuleSet(string, Action) , AbstractValidator<UpdateCartBookRequest>.When(Func<UpdateCartBookRequest, bool>, Action) , AbstractValidator<UpdateCartBookRequest>.When(Func<UpdateCartBookRequest, ValidationContext<UpdateCartBookRequest>, bool>, Action) , AbstractValidator<UpdateCartBookRequest>.Unless(Func<UpdateCartBookRequest, bool>, Action) , AbstractValidator<UpdateCartBookRequest>.Unless(Func<UpdateCartBookRequest, ValidationContext<UpdateCartBookRequest>, bool>, Action) , AbstractValidator<UpdateCartBookRequest>.WhenAsync(Func<UpdateCartBookRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateCartBookRequest>.WhenAsync(Func<UpdateCartBookRequest, ValidationContext<UpdateCartBookRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateCartBookRequest>.UnlessAsync(Func<UpdateCartBookRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateCartBookRequest>.UnlessAsync(Func<UpdateCartBookRequest, ValidationContext<UpdateCartBookRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateCartBookRequest>.Include(IValidator<UpdateCartBookRequest>) , AbstractValidator<UpdateCartBookRequest>.Include<TValidator>(Func<UpdateCartBookRequest, TValidator>) , AbstractValidator<UpdateCartBookRequest>.GetEnumerator() , AbstractValidator<UpdateCartBookRequest>.EnsureInstanceNotNull(object) , AbstractValidator<UpdateCartBookRequest>.PreValidate(ValidationContext<UpdateCartBookRequest>, ValidationResult) , AbstractValidator<UpdateCartBookRequest>.RaiseValidationException(ValidationContext<UpdateCartBookRequest>, ValidationResult) , AbstractValidator<UpdateCartBookRequest>.CascadeMode , AbstractValidator<UpdateCartBookRequest>.ClassLevelCascadeMode , AbstractValidator<UpdateCartBookRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateCartBookRequestValidator(IConfiguration)

```
public UpdateCartBookRequestValidator(IConfiguration configuration)
```

Parameters

`configuration` IConfiguration

Namespace ShopApi.Features.Client Feature.Command.CreateClient

Classes

CreateClientForUserCommand

CreateClientForUserCommandHandler

Class CreateClientForUserCommand

Namespace: ShopApi.Features.ClientFeature.Command.CreateClient

Assembly: ShopApi.dll

```
public record CreateClientForUserCommand : IRequest<ClientResponse>, IBaseRequest,
IEquatable<CreateClientForUserCommand>
```

Inheritance

object ← CreateClientForUserCommand

Implements

IRequest<ClientResponse>, IBaseRequest, IEquatable<CreateClientForUserCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateClientForUserCommand(string, CreateClientRequest)

```
public CreateClientForUserCommand(string UserId, CreateClientRequest Request)
```

Parameters

`UserId` string

`Request` CreateClientRequest

Properties

Request

```
public CreateClientRequest Request { get; init; }
```

Property Value

CreateClientRequest

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class CreateClientForUserCommandHandler

Namespace: ShopApi.Features.ClientFeature.Command.CreateClient

Assembly: ShopApi.dll

```
public class CreateClientForUserCommandHandler :
IRequestHandler<CreateClientForUserCommand, ClientResponse>
```

Inheritance

object ← CreateClientForUserCommandHandler

Implements

IRequestHandler<CreateClientForUserCommand, ClientResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateClientForUserCommandHandler(IClientService, IMapper)

```
public CreateClientForUserCommandHandler(IClientService clientService,
IMapper mapper)
```

Parameters

`clientService` IClientService

`mapper` IMapper

Methods

Handle(CreateClientForUserCommand, CancellationToken)

Handles a request

```
public Task<ClientResponse> Handle(CreateClientForUserCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` CreateClientForUserCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<ClientResponse>

Response from the request

Namespace ShopApi.Features.Client Feature.Command.GetClient

Classes

GetClientForUserQuery

GetClientForUserQueryHandler

Class GetClientForUserQuery

Namespace: ShopApi.Features.ClientFeature.Command.GetClient

Assembly: ShopApi.dll

```
public record GetClientForUserQuery : IRequest<GetClientResponse>, IBaseRequest,
IEquatable<GetClientForUserQuery>
```

Inheritance

object ← GetClientForUserQuery

Implements

IRequest<GetClientResponse>, IBaseRequest, IEquatable<GetClientForUserQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetClientForUserQuery(string)

```
public GetClientForUserQuery(string UserId)
```

Parameters

`UserId` string

Properties

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class GetClientForUserQueryHandler

Namespace: ShopApi.Features.ClientFeature.Command.GetClient

Assembly: ShopApi.dll

```
public class GetClientForUserQueryHandler : IRequestHandler<GetClientForUserQuery,
GetClientResponse>
```

Inheritance

object ← GetClientForUserQueryHandler

Implements

IRequestHandler<GetClientForUserQuery, GetClientResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetClientForUserQueryHandler(IClientService, IMapper)

```
public GetClientForUserQueryHandler(IClientService clientService, IMapper mapper)
```

Parameters

`clientService` IClientService

`mapper` IMapper

Methods

Handle(GetClientForUserQuery, CancellationToken)

Handles a request

```
public Task<GetClientResponse> Handle(GetClientForUserQuery command,
CancellationToken cancellationToken)
```

Parameters

`command` GetClientForUserQuery

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<GetClientResponse>

Response from the request

Namespace ShopApi.Features.Client Feature.Command.UpdateClient

Classes

UpdateClientForUserCommand

UpdateClientForUserCommandHandler

Class UpdateClientForUserCommand

Namespace: ShopApi.Features.ClientFeature.Command.UpdateClient

Assembly: ShopApi.dll

```
public record UpdateClientForUserCommand : IRequest<ClientResponse>, IBaseRequest,
IEquatable<UpdateClientForUserCommand>
```

Inheritance

object ← UpdateClientForUserCommand

Implements

IRequest<ClientResponse>, IBaseRequest, IEquatable<UpdateClientForUserCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateClientForUserCommand(string, UpdateClientRequest)

```
public UpdateClientForUserCommand(string UserId, UpdateClientRequest Request)
```

Parameters

`UserId` string

`Request` UpdateClientRequest

Properties

Request

```
public UpdateClientRequest Request { get; init; }
```

Property Value

UpdateClientRequest

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class UpdateClientForUserCommandHandler

Namespace: ShopApi.Features.ClientFeature.Command.UpdateClient

Assembly: ShopApi.dll

```
public class UpdateClientForUserCommandHandler :
IRequestHandler<UpdateClientForUserCommand, ClientResponse>
```

Inheritance

object ← UpdateClientForUserCommandHandler

Implements

IRequestHandler<UpdateClientForUserCommand, ClientResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateClientForUserCommandHandler(IClientService, IMapper)

```
public UpdateClientForUserCommandHandler(IClientService clientService,
IMapper mapper)
```

Parameters

`clientService` IClientService

`mapper` IMapper

Methods

Handle(UpdateClientForUserCommand, CancellationToken)

Handles a request

```
public Task<ClientResponse> Handle(UpdateClientForUserCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` UpdateClientForUserCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<ClientResponse>

Response from the request

Namespace ShopApi.Features.Client Feature.Dtos

Classes

CreateClientRequest

GetClientResponse

UpdateClientRequest

Class CreateClientRequest

Namespace: ShopApi.Features.ClientFeature.Dtos

Assembly: ShopApi.dll

```
public class CreateClientRequest
```

Inheritance

object ← CreateClientRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Address

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

Property Value

string

DateOfBirth

```
public DateTime DateOfBirth { get; set; }
```

Property Value

DateTime

Email

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

Property Value

string

LastName

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

Property Value

string

MiddleName

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

Property Value

string

Name

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

Property Value

string

Phone

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

Property Value

string

Class GetClientResponse

Namespace: ShopApi.Features.ClientFeature.Dtos

Assembly: ShopApi.dll

```
public class GetClientResponse
```

Inheritance

object ← GetClientResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Client

```
public ClientResponse? Client { get; set; }
```

Property Value

ClientResponse

Class UpdateClientRequest

Namespace: ShopApi.Features.ClientFeature.Dtos

Assembly: ShopApi.dll

```
public class UpdateClientRequest
```

Inheritance

object ← UpdateClientRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Address

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

Property Value

string

DateOfBirth

```
public DateTime DateOfBirth { get; set; }
```

Property Value

DateTime

Email

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

Property Value

string

LastName

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

Property Value

string

MiddleName

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

Property Value

string

Name

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

Property Value

string

Phone

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

Property Value

string

Namespace ShopApi.Features.Client Feature.Services

Classes

ClientService

Interfaces

IClientService

Class ClientService

Namespace: ShopApi.Features.ClientFeature.Services

Assembly: ShopApi.dll

```
public class ClientService : IClientService
```

Inheritance

object ← ClientService

Implements

IClientService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ClientService(IClientRepository)

```
public ClientService(IClientRepository repository)
```

Parameters

`repository` IClientRepository

Methods

CreateClientAsync(Client, CancellationToken)

```
public Task<Client> CreateClientAsync(Client client, CancellationToken
cancellationToken)
```

Parameters

`client` Client

`cancellationToken` CancellationToken

Returns

Task<Client>

DeleteClientAsync(string, CancellationToken)

```
public Task DeleteClientAsync(string userId, CancellationToken cancellationToken)
```

Parameters

`userId` string

`cancellationToken` CancellationToken

Returns

Task

GetClientByUserIdAsync(string, CancellationToken)

```
public Task<Client?> GetClientByUserIdAsync(string userId,
CancellationToken cancellationToken)
```

Parameters

`userId` string

`cancellationToken` CancellationToken

Returns

Task<Client>

UpdateClientAsync(Client, CancellationToken)

```
public Task<Client> UpdateClientAsync(Client client, CancellationToken
cancellationToken)
```

Parameters

`client` Client

`cancellationToken` CancellationToken

Returns

Task<Client>

Interface IClientService

Namespace: ShopApi.Features.ClientFeature.Services

Assembly: ShopApi.dll

```
public interface IClientService
```

Methods

CreateClientAsync(Client, CancellationToken)

```
Task<Client> CreateClientAsync(Client client, CancellationToken cancellationToken)
```

Parameters

`client` Client

`cancellationToken` CancellationToken

Returns

Task<Client>

DeleteClientAsync(string, CancellationToken)

```
Task DeleteClientAsync(string userId, CancellationToken cancellationToken)
```

Parameters

`userId` string

`cancellationToken` CancellationToken

Returns

Task

GetClientByUserIdAsync(string, CancellationToken)

```
Task<Client?> GetClientByUserIdAsync(string userId, CancellationToken
cancellationToken)
```

Parameters

`userId` string

`cancellationToken` CancellationToken

Returns

Task<Client>

UpdateClientAsync(Client, CancellationToken)

```
Task<Client> UpdateClientAsync(Client client, CancellationToken cancellationToken)
```

Parameters

`client` Client

`cancellationToken` CancellationToken

Returns

Task<Client>

Namespace ShopApi.Features.Client Feature.Validators

Classes

CreateClientRequestValidator

UpdateClientRequestValidator

Class CreateClientRequestValidator

Namespace: ShopApi.Features.ClientFeature.Validators

Assembly: ShopApi.dll

```
public class CreateClientRequestValidator : AbstractValidator<CreateClientRequest>,
IValidator<CreateClientRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<CreateClientRequest> ← CreateClientRequestValidator

Implements

IValidator<CreateClientRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<CreateClientRequest>.Validate(CreateClientRequest) , AbstractValidator<CreateClientRequest>.ValidateAsync(CreateClientRequest, CancellationToken) , AbstractValidator<CreateClientRequest>.Validate(ValidationContext<CreateClientRequest>) , AbstractValidator<CreateClientRequest>.ValidateAsync(ValidationContext<CreateClientRequest>, CancellationToken) , AbstractValidator<CreateClientRequest>.CreateDescriptor() , AbstractValidator<CreateClientRequest>.RuleFor<TProperty>(Expression<Func<CreateClientRequest, TProperty>>) , AbstractValidator<CreateClientRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateClientRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<CreateClientRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateClientRequest, TProperty>>, Func<CreateClientRequest, TProperty, TTransformed>) , AbstractValidator<CreateClientRequest>.RuleForEach<TElement>(Expression<Func<CreateClientRequest, IEnumerable<TElement>>>) , AbstractValidator<CreateClientRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateClientRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<CreateClientRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateClientRequest, IEnumerable<TElement>>>, Func<CreateClientRequest, TElement, TTransformed>) , AbstractValidator<CreateClientRequest>.RuleSet(string, Action) , AbstractValidator<CreateClientRequest>.When(Func<CreateClientRequest, bool>, Action) , AbstractValidator<CreateClientRequest>.When(Func<CreateClientRequest, ValidationContext<CreateClientRequest>, bool>, Action) , AbstractValidator<CreateClientRequest>.Unless(Func<CreateClientRequest, bool>, Action) , AbstractValidator<CreateClientRequest>.Unless(Func<CreateClientRequest, ValidationContext<CreateClientRequest>, bool>, Action) , AbstractValidator<CreateClientRequest>.WhenAsync(Func<CreateClientRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateClientRequest>.WhenAsync(Func<CreateClientRequest, ValidationContext<CreateClientRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateClientRequest>.UnlessAsync(Func<CreateClientRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateClientRequest>.UnlessAsync(Func<CreateClientRequest, ValidationContext<CreateClientRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateClientRequest>.Include(IValidator<CreateClientRequest>) , AbstractValidator<CreateClientRequest>.Include<TValidator>(Func<CreateClientRequest, TValidator>) , AbstractValidator<CreateClientRequest>.GetEnumerator() , AbstractValidator<CreateClientRequest>.EnsureInstanceNotNull(object) , AbstractValidator<CreateClientRequest>.PreValidate(ValidationContext<CreateClientRequest>, ValidationResult) , AbstractValidator<CreateClientRequest>.RaiseValidationException(ValidationContext<CreateClientRequest>, ValidationResult) , AbstractValidator<CreateClientRequest>.CascadeMode , AbstractValidator<CreateClientRequest>.ClassLevelCascadeMode , AbstractValidator<CreateClientRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateClientRequestValidator()

```
public CreateClientRequestValidator()
```

Class UpdateClientRequestValidator

Namespace: ShopApi.Features.ClientFeature.Validators

Assembly: ShopApi.dll

```
public class UpdateClientRequestValidator : AbstractValidator<UpdateClientRequest>,
IValidator<UpdateClientRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<UpdateClientRequest> ← UpdateClientRequestValidator

Implements

IValidator<UpdateClientRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<UpdateClientRequest>.Validate(UpdateClientRequest) , AbstractValidator<UpdateClientRequest>.ValidateAsync(UpdateClientRequest, CancellationToken) , AbstractValidator<UpdateClientRequest>.Validate(ValidationContext<UpdateClientRequest>) , AbstractValidator<UpdateClientRequest>.ValidateAsync(ValidationContext<UpdateClientRequest>, CancellationToken) , AbstractValidator<UpdateClientRequest>.CreateDescriptor() , AbstractValidator<UpdateClientRequest>.RuleFor<TProperty>(Expression<Func<UpdateClientRequest, TProperty>>) , AbstractValidator<UpdateClientRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateClientRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<UpdateClientRequest>.Transform<TProperty, TTransformed>(Expression<Func<UpdateClientRequest, TProperty>>, Func<UpdateClientRequest, TProperty, TTransformed>) , AbstractValidator<UpdateClientRequest>.RuleForEach<TElement>(Expression<Func<UpdateClientRequest, IEnumerable<TElement>>>) , AbstractValidator<UpdateClientRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateClientRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<UpdateClientRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UpdateClientRequest, IEnumerable<TElement>>>, Func<UpdateClientRequest, TElement, TTransformed>) , AbstractValidator<UpdateClientRequest>.RuleSet(string, Action) , AbstractValidator<UpdateClientRequest>.When(Func<UpdateClientRequest, bool>, Action) , AbstractValidator<UpdateClientRequest>.When(Func<UpdateClientRequest, ValidationContext<UpdateClientRequest>, bool>, Action) , AbstractValidator<UpdateClientRequest>.Unless(Func<UpdateClientRequest, bool>, Action) , AbstractValidator<UpdateClientRequest>.Unless(Func<UpdateClientRequest, ValidationContext<UpdateClientRequest>, bool>, Action) , AbstractValidator<UpdateClientRequest>.WhenAsync(Func<UpdateClientRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateClientRequest>.WhenAsync(Func<UpdateClientRequest, ValidationContext<UpdateClientRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateClientRequest>.UnlessAsync(Func<UpdateClientRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateClientRequest>.UnlessAsync(Func<UpdateClientRequest, ValidationContext<UpdateClientRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UpdateClientRequest>.Include(IValidator<UpdateClientRequest>) , AbstractValidator<UpdateClientRequest>.Include<TValidator>(Func<UpdateClientRequest, TValidator>) , AbstractValidator<UpdateClientRequest>.GetEnumerator() , AbstractValidator<UpdateClientRequest>.EnsureInstanceNotNull(object) , AbstractValidator<UpdateClientRequest>.PreValidate(ValidationContext<UpdateClientRequest>, ValidationResult) , AbstractValidator<UpdateClientRequest>.RaiseValidationException(ValidationContext<UpdateClientRequest>, ValidationResult) , AbstractValidator<UpdateClientRequest>.CascadeMode , AbstractValidator<UpdateClientRequest>.ClassLevelCascadeMode , AbstractValidator<UpdateClientRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateClientRequestValidator()

```
public UpdateClientRequestValidator()
```

Namespace ShopApi.Features.Order Feature.Command.CancelOrder

Classes

CancelOrderCommand

CancelOrderCommandHandler

Class CancelOrderCommand

Namespace: ShopApi.Features.OrderFeature.Command.CancelOrder

Assembly: ShopApi.dll

```
public record CancelOrderCommand : IRequest<Unit>, IBaseRequest,
IEquatable<CancelOrderCommand>
```

Inheritance

object ← CancelOrderCommand

Implements

IRequest<Unit>, IBaseRequest, IEquatable<CancelOrderCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CancelOrderCommand(string, int)

```
public CancelOrderCommand(string UserId, int OrderId)
```

Parameters

`UserId` string

`OrderId` int

Properties

OrderId

```
public int OrderId { get; init; }
```

Property Value

int

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class CancelOrderCommandHandler

Namespace: ShopApi.Features.OrderFeature.Command.CancelOrder

Assembly: ShopApi.dll

```
public class CancelOrderCommandHandler : IRequestHandler<CancelOrderCommand, Unit>
```

Inheritance

object ← CancelOrderCommandHandler

Implements

IRequestHandler<CancelOrderCommand, Unit>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CancelOrderCommandHandler(IOrderService, IClientService, IStockBookOrderService)

```
public CancelOrderCommandHandler(IOrderService orderService, IClientService
clientService, IStockBookOrderService stockBookOrderService)
```

Parameters

`orderService` IOrderService

`clientService` IClientService

`stockBookOrderService` IStockBookOrderService

Methods

Handle(CancelOrderCommand, CancellationToken)

Handles a request

```
public Task<Unit> Handle(CancelOrderCommand command, CancellationToken
cancellationToken)
```

Parameters

`command` CancelOrderCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<Unit>

Response from the request

Namespace ShopApi.Features.Order Feature.Command.CreateOrder

Classes

CreateOrderCommand

CreateOrderCommandHandler

Class CreateOrderCommand

Namespace: ShopApi.Features.OrderFeature.Command.CreateOrder

Assembly: ShopApi.dll

```
public record CreateOrderCommand : IRequest<OrderResponse>, IBaseRequest,
IEquatable<CreateOrderCommand>
```

Inheritance

object ← CreateOrderCommand

Implements

IRequest<OrderResponse>, IBaseRequest, IEquatable<CreateOrderCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateOrderCommand(string, CreateOrderRequest)

```
public CreateOrderCommand(string UserId, CreateOrderRequest Request)
```

Parameters

`UserId` string

`Request` CreateOrderRequest

Properties

Request

```
public CreateOrderRequest Request { get; init; }
```

Property Value

CreateOrderRequest

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class CreateOrderCommandHandler

Namespace: ShopApi.Features.OrderFeature.Command.CreateOrder

Assembly: ShopApi.dll

```
public class CreateOrderCommandHandler : IRequestHandler<CreateOrderCommand,
OrderResponse>
```

Inheritance

object ← CreateOrderCommandHandler

Implements

IRequestHandler<CreateOrderCommand, OrderResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateOrderCommandHandler(IOrderService, IClientService, IStockBookOrderService, ILibraryService, IMapper)

```
public CreateOrderCommandHandler(IOrderService orderService, IClientService
clientService, IStockBookOrderService stockBookOrderService, ILibraryService
libraryService, IMapper mapper)
```

Parameters

`orderService` IOrderService

`clientService` IClientService

`stockBookOrderService` IStockBookOrderService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(CreateOrderCommand, CancellationToken)

Handles a request

```
public Task<OrderResponse> Handle(CreateOrderCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` CreateOrderCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<OrderResponse>

Response from the request

Namespace ShopApi.Features.Order Feature.Command.GetOrderAmount

Classes

GetOrderAmountQuery

GetOrderAmountQueryHandler

Class GetOrderAmountQuery

Namespace: ShopApi.Features.OrderFeature.Command.GetOrderAmount

Assembly: ShopApi.dll

```
public record GetOrderAmountQuery : IRequest<int>, IBaseRequest,
IEquatable<GetOrderAmountQuery>
```

Inheritance

object ← GetOrderAmountQuery

Implements

IRequest<int>, IBaseRequest, IEquatable<GetOrderAmountQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetOrderAmountQuery(string, GetOrdersFilter)

```
public GetOrderAmountQuery(string UserId, GetOrdersFilter Request)
```

Parameters

`UserId` string

`Request` GetOrdersFilter

Properties

Request

```
public GetOrdersFilter Request { get; init; }
```

Property Value

GetOrdersFilter

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class GetOrderAmountQueryHandler

Namespace: ShopApi.Features.OrderFeature.Command.GetOrderAmount

Assembly: ShopApi.dll

```
public class GetOrderAmountQueryHandler : IRequestHandler<GetOrderAmountQuery, int>
```

Inheritance

object ← GetOrderAmountQueryHandler

Implements

IRequestHandler<GetOrderAmountQuery, int>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetOrderAmountQueryHandler(IOrderService, IClientService)

```
public GetOrderAmountQueryHandler(IOrderService orderService,
IClientService clientService)
```

Parameters

`orderService` IOrderService

`clientService` IClientService

Methods

Handle(GetOrderAmountQuery, CancellationToken)

Handles a request

```
public Task<int> Handle(GetOrderAmountQuery command, CancellationToken
cancellationToken)
```

Parameters

`command` GetOrderAmountQuery

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<int>

Response from the request

Namespace ShopApi.Features.Order Feature.Command.GetOrders

Classes

GetOrdersQuery

GetOrdersQueryHandler

Class GetOrdersQuery

Namespace: ShopApi.Features.OrderFeature.Command.GetOrders

Assembly: ShopApi.dll

```
public record GetOrdersQuery : IRequest<IEnumerable<OrderResponse>>,
IBaseRequest, IEquatable<GetOrdersQuery>
```

Inheritance

object ← GetOrdersQuery

Implements

IRequest<IEnumerable<OrderResponse>>, IBaseRequest, IEquatable<GetOrdersQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetOrdersQuery(string, GetOrdersFilter)

```
public GetOrdersQuery(string UserId, GetOrdersFilter Request)
```

Parameters

`UserId` string

`Request` GetOrdersFilter

Properties

Request

```
public GetOrdersFilter Request { get; init; }
```

Property Value

GetOrdersFilter

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class GetOrdersQueryHandler

Namespace: ShopApi.Features.OrderFeature.Command.GetOrders

Assembly: ShopApi.dll

```
public class GetOrdersQueryHandler : IRequestHandler<GetOrdersQuery,
IEnumerable<OrderResponse>>
```

Inheritance

object ← GetOrdersQueryHandler

Implements

IRequestHandler<GetOrdersQuery, IEnumerable<OrderResponse>>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetOrdersQueryHandler(IOrderService, IClientService, ILibraryService, IMapper)

```
public GetOrdersQueryHandler(IOrderService orderService, IClientService
clientService, ILibraryService libraryService, IMapper mapper)
```

Parameters

`orderService` IOrderService

`clientService` IClientService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(GetOrdersQuery, CancellationToken)

Handles a request

```
public Task<IEnumerable<OrderResponse>> Handle(GetOrdersQuery command,
CancellationToken cancellationToken)
```

Parameters

`command` GetOrdersQuery

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<IEnumerable<OrderResponse>>

Response from the request

Namespace ShopApi.Features.Order Feature.Command.ManagerCancelOrder

Classes

ManagerCancelOrderCommand

ManagerCancelOrderCommandHandler

Class ManagerCancelOrderCommand

Namespace: ShopApi.Features.OrderFeature.Command.ManagerCancelOrder

Assembly: ShopApi.dll

```
public record ManagerCancelOrderCommand : IRequest<Unit>, IBaseRequest,
IEquatable<ManagerCancelOrderCommand>
```

Inheritance

object ← ManagerCancelOrderCommand

Implements

IRequest<Unit>, IBaseRequest, IEquatable<ManagerCancelOrderCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerCancelOrderCommand(int)

```
public ManagerCancelOrderCommand(int OrderId)
```

Parameters

`OrderId` int

Properties

OrderId

```
public int OrderId { get; init; }
```

Property Value

int

Class ManagerCancelOrderCommandHandler

Namespace: ShopApi.Features.OrderFeature.Command.ManagerCancelOrder

Assembly: ShopApi.dll

```
public class ManagerCancelOrderCommandHandler :
IRequestHandler<ManagerCancelOrderCommand, Unit>
```

Inheritance

object ← ManagerCancelOrderCommandHandler

Implements

IRequestHandler<ManagerCancelOrderCommand, Unit>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerCancelOrderCommandHandler(IOrderService, IStockBookOrderService)

```
public ManagerCancelOrderCommandHandler(IOrderService orderService,
IStockBookOrderService stockBookOrderService)
```

Parameters

`orderService` IOrderService

`stockBookOrderService` IStockBookOrderService

Methods

Handle(ManagerCancelOrderCommand, CancellationToken)

Handles a request

```
public Task<Unit> Handle(ManagerCancelOrderCommand request,
CancellationToken cancellationToken)
```

Parameters

`request` ManagerCancelOrderCommand

The request

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<Unit>

Response from the request

Namespace ShopApi.Features.Order Feature.Command.ManagerGetOrder Amount

Classes

ManagerGetOrderAmountQuery

ManagerGetOrderAmountQueryHandler

Class ManagerGetOrderAmountQuery

Namespace: ShopApi.Features.OrderFeature.Command.ManagerGetOrderAmount

Assembly: ShopApi.dll

```
public record ManagerGetOrderAmountQuery : IRequest<int>, IBaseRequest,
IEquatable<ManagerGetOrderAmountQuery>
```

Inheritance

object ← ManagerGetOrderAmountQuery

Implements

IRequest<int>, IBaseRequest, IEquatable<ManagerGetOrderAmountQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerGetOrderAmountQuery(GetOrdersFilter)

```
public ManagerGetOrderAmountQuery(GetOrdersFilter Filter)
```

Parameters

`Filter` GetOrdersFilter

Properties

Filter

```
public GetOrdersFilter Filter { get; init; }
```

Property Value

GetOrdersFilter

Class ManagerGetOrderAmountQueryHandler

Namespace: ShopApi.Features.OrderFeature.Command.ManagerGetOrderAmount

Assembly: ShopApi.dll

```
public class ManagerGetOrderAmountQueryHandler :
IRequestHandler<ManagerGetOrderAmountQuery, int>
```

Inheritance

object ← ManagerGetOrderAmountQueryHandler

Implements

IRequestHandler<ManagerGetOrderAmountQuery, int>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerGetOrderAmountQueryHandler(IOrderService)

```
public ManagerGetOrderAmountQueryHandler(IOrderService orderService)
```

Parameters

`orderService` IOrderService

Methods

Handle(ManagerGetOrderAmountQuery, CancellationToken)

Handles a request

```
public Task<int> Handle(ManagerGetOrderAmountQuery request,
CancellationToken cancellationToken)
```

Parameters

`request` ManagerGetOrderAmountQuery

The request

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<int>

Response from the request

Namespace ShopApi.Features.Order Feature.Command.ManagerGetOrderById

Classes

ManagerGetOrderByIdQuery

ManagerGetOrderByIdQueryHandler

Class ManagerGetOrderByIdQuery

Namespace: ShopApi.Features.OrderFeature.Command.ManagerGetOrderById

Assembly: ShopApi.dll

```
public record ManagerGetOrderByIdQuery : IRequest<OrderResponse?>, IBaseRequest,
IEquatable<ManagerGetOrderByIdQuery>
```

Inheritance

object ← ManagerGetOrderByIdQuery

Implements

IRequest<OrderResponse>, IBaseRequest, IEquatable<ManagerGetOrderByIdQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerGetOrderByIdQuery(int)

```
public ManagerGetOrderByIdQuery(int OrderId)
```

Parameters

`OrderId` int

Properties

OrderId

```
public int OrderId { get; init; }
```

Property Value

int

Class ManagerGetOrderByIdQueryHandler

Namespace: ShopApi.Features.OrderFeature.Command.ManagerGetOrderById

Assembly: ShopApi.dll

```
public class ManagerGetOrderByIdQueryHandler :
IRequestHandler<ManagerGetOrderByIdQuery, OrderResponse?>
```

Inheritance

object ← ManagerGetOrderByIdQueryHandler

Implements

IRequestHandler<ManagerGetOrderByIdQuery, OrderResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerGetOrderByIdQueryHandler(IOrderService, ILibraryService, IMapper)

```
public ManagerGetOrderByIdQueryHandler(IOrderService orderService, ILibraryService
libraryService, IMapper mapper)
```

Parameters

`orderService` IOrderService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(ManagerGetOrderByIdQuery, CancellationToken)

Handles a request

```
public Task<OrderResponse?> Handle(ManagerGetOrderByIdQuery command,
CancellationToken cancellationToken)
```

Parameters

`command` ManagerGetOrderByIdQuery

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<OrderResponse>

Response from the request

Namespace ShopApi.Features.Order Feature.Command.ManagerGetPaginated Orders

Classes

ManagerGetPaginatedOrdersQuery

ManagerGetPaginatedOrdersQueryHandler

Class ManagerGetPaginatedOrdersQuery

Namespace: ShopApi.Features.OrderFeature.Command.ManagerGetPaginatedOrders

Assembly: ShopApi.dll

```
public record ManagerGetPaginatedOrdersQuery : IRequest<IEnumerable<OrderResponse>>,
IBaseRequest, IEquatable<ManagerGetPaginatedOrdersQuery>
```

Inheritance

object ← ManagerGetPaginatedOrdersQuery

Implements

IRequest<IEnumerable<OrderResponse>>, IBaseRequest, IEquatable<ManagerGetPaginatedOrdersQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerGetPaginatedOrdersQuery(GetOrdersFilter)

```
public ManagerGetPaginatedOrdersQuery(GetOrdersFilter Filter)
```

Parameters

`Filter` GetOrdersFilter

Properties

Filter

```
public GetOrdersFilter Filter { get; init; }
```

Property Value

GetOrdersFilter

Class ManagerGetPaginatedOrdersQueryHandler

Namespace: ShopApi.Features.OrderFeature.Command.ManagerGetPaginatedOrders

Assembly: ShopApi.dll

```
public class ManagerGetPaginatedOrdersQueryHandler :
IRequestHandler<ManagerGetPaginatedOrdersQuery, IEnumerable<OrderResponse>>
```

Inheritance

object ← ManagerGetPaginatedOrdersQueryHandler

Implements

IRequestHandler<ManagerGetPaginatedOrdersQuery, IEnumerable<OrderResponse>>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerGetPaginatedOrdersQueryHandler(IOrderService, ILibraryService, IMapper)

```
public ManagerGetPaginatedOrdersQueryHandler(IOrderService orderService,
ILibraryService libraryService, IMapper mapper)
```

Parameters

`orderService` IOrderService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(ManagerGetPaginatedOrdersQuery, CancellationToken)

Handles a request

```
public Task<IEnumerable<OrderResponse>> Handle(ManagerGetPaginatedOrdersQuery
command, CancellationToken cancellationToken)
```

Parameters

`command` ManagerGetPaginatedOrdersQuery

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<IEnumerable<OrderResponse>>

Response from the request

Namespace ShopApi.Features.Order Feature.Command.ManagerUpdateOrder

Classes

ManagerUpdateOrderCommand

ManagerUpdateOrderCommandHandler

Class ManagerUpdateOrderCommand

Namespace: ShopApi.Features.OrderFeature.Command.ManagerUpdateOrder

Assembly: ShopApi.dll

```
public record ManagerUpdateOrderCommand : IRequest<OrderResponse>, IBaseRequest,
IEquatable<ManagerUpdateOrderCommand>
```

Inheritance

object ← ManagerUpdateOrderCommand

Implements

IRequest<OrderResponse>, IBaseRequest, IEquatable<ManagerUpdateOrderCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerUpdateOrderCommand(ManagerUpdateOrderRequest)

```
public ManagerUpdateOrderCommand(ManagerUpdateOrderRequest Request)
```

Parameters

`Request` ManagerUpdateOrderRequest

Properties

Request

```
public ManagerUpdateOrderRequest Request { get; init; }
```

Property Value

ManagerUpdateOrderRequest

Class ManagerUpdateOrderCommandHandler

Namespace: ShopApi.Features.OrderFeature.Command.ManagerUpdateOrder

Assembly: ShopApi.dll

```
public class ManagerUpdateOrderCommandHandler :
IRequestHandler<ManagerUpdateOrderCommand, OrderResponse>
```

Inheritance

object ← ManagerUpdateOrderCommandHandler

Implements

IRequestHandler<ManagerUpdateOrderCommand, OrderResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerUpdateOrderCommandHandler(IOrderService, ILibraryService, IMapper)

```
public ManagerUpdateOrderCommandHandler(IOrderService orderService, ILibraryService
libraryService, IMapper mapper)
```

Parameters

`orderService` IOrderService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(ManagerUpdateOrderCommand, CancellationToken)

Handles a request

```
public Task<OrderResponse> Handle(ManagerUpdateOrderCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` ManagerUpdateOrderCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<OrderResponse>

Response from the request

Namespace ShopApi.Features.Order Feature.Command.UpdateOrder

Classes

UpdateOrderCommand

UpdateOrderCommandHandler

Class UpdateOrderCommand

Namespace: ShopApi.Features.OrderFeature.Command.UpdateOrder

Assembly: ShopApi.dll

```
public record UpdateOrderCommand : IRequest<OrderResponse>, IBaseRequest,
IEquatable<UpdateOrderCommand>
```

Inheritance

object ← UpdateOrderCommand

Implements

IRequest<OrderResponse>, IBaseRequest, IEquatable<UpdateOrderCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateOrderCommand(string, ClientUpdateOrderRequest)

```
public UpdateOrderCommand(string UserId, ClientUpdateOrderRequest Request)
```

Parameters

`UserId` string

`Request` ClientUpdateOrderRequest

Properties

Request

```
public ClientUpdateOrderRequest Request { get; init; }
```

Property Value

ClientUpdateOrderRequest

UserId

```
public string UserId { get; init; }
```

Property Value

string

Class UpdateOrderCommandHandler

Namespace: ShopApi.Features.OrderFeature.Command.UpdateOrder

Assembly: ShopApi.dll

```
public class UpdateOrderCommandHandler : IRequestHandler<UpdateOrderCommand,
OrderResponse>
```

Inheritance

object ← UpdateOrderCommandHandler

Implements

IRequestHandler<UpdateOrderCommand, OrderResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateOrderCommandHandler(IOrderService, IClientService, ILibraryService, IMapper)

```
public UpdateOrderCommandHandler(IOrderService orderService, IClientService
clientService, ILibraryService libraryService, IMapper mapper)
```

Parameters

`orderService` IOrderService

`clientService` IClientService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(UpdateOrderCommand, CancellationToken)

Handles a request

```
public Task<OrderResponse> Handle(UpdateOrderCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` UpdateOrderCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<OrderResponse>

Response from the request

Namespace ShopApi.Features.Order Feature.Dtos

Classes

ClientUpdateOrderRequest

CreateOrderRequest

ManagerUpdateOrderRequest

OrderBookRequest

Class ClientUpdateOrderRequest

Namespace: ShopApi.Features.OrderFeature.Dtos

Assembly: ShopApi.dll

```
public class ClientUpdateOrderRequest
```

Inheritance

object ← ClientUpdateOrderRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ContactClientName

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

Property Value

string

ContactPhone

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

Property Value

string

DeliveryAddress

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

Property Value

string

DeliveryMethod

```
public DeliveryMethod DeliveryMethod { get; set; }
```

Property Value

DeliveryMethod

DeliveryTime

```
public DateTime DeliveryTime { get; set; }
```

Property Value

DateTime

Id

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

Property Value

int

PaymentMethod

```
public PaymentMethod PaymentMethod { get; set; }
```

Property Value

PaymentMethod

Class CreateOrderRequest

Namespace: ShopApi.Features.OrderFeature.Dtos

Assembly: ShopApi.dll

```
public class CreateOrderRequest
```

Inheritance

object ← CreateOrderRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ContactClientName

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

Property Value

string

ContactPhone

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

Property Value

string

DeliveryAddress

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

Property Value

string

DeliveryMethod

```
public DeliveryMethod DeliveryMethod { get; set; }
```

Property Value

DeliveryMethod

DeliveryTime

```
public DateTime DeliveryTime { get; set; }
```

Property Value

DateTime

OrderBooks

```
public List<OrderBookRequest> OrderBooks { get; set; }
```

Property Value

List<OrderBookRequest>

PaymentMethod

```
public PaymentMethod PaymentMethod { get; set; }
```

Property Value

PaymentMethod

Class ManagerUpdateOrderRequest

Namespace: ShopApi.Features.OrderFeature.Dtos

Assembly: ShopApi.dll

```
public class ManagerUpdateOrderRequest
```

Inheritance

object ← ManagerUpdateOrderRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

DeliveryAddress

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

Property Value

string

DeliveryTime

```
public DateTime DeliveryTime { get; set; }
```

Property Value

DateTime

Id

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

Property Value

int

OrderStatus

```
public OrderStatus OrderStatus { get; set; }
```

Property Value

OrderStatus

Class OrderBookRequest

Namespace: ShopApi.Features.OrderFeature.Dtos

Assembly: ShopApi.dll

```
public class OrderBookRequest
```

Inheritance

object ← OrderBookRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

BookAmount

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

Property Value

int

BookId

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

Property Value

int

Namespace ShopApi.Features.Order Feature.Services

Classes

OrderService

Interfaces

IOrderService

Interface IOrderService

Namespace: ShopApi.Features.OrderFeature.Services

Assembly: ShopApi.dll

```
public interface IOrderService
```

Methods

CreateOrderAsync(Order, CancellationToken)

```
Task<Order> CreateOrderAsync(Order order, CancellationToken cancellationToken)
```

Parameters

`order` Order

`cancellationToken` CancellationToken

Returns

Task<Order>

DeleteOrderAsync(int, CancellationToken)

```
Task DeleteOrderAsync(int id, CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task

GetOrderAmountAsync(GetOrdersFilter, CancellationToken)

```
Task<int> GetOrderAmountAsync(GetOrdersFilter filter, CancellationToken
cancellationToken)
```

Parameters

`filter` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<int>

GetOrderByIdAsync(int, CancellationToken)

```
Task<Order?> GetOrderByIdAsync(int id, CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<Order>

GetPaginatedOrdersAsync(GetOrdersFilter, CancellationToken)

```
Task<IEnumerable<Order>> GetPaginatedOrdersAsync(GetOrdersFilter filter,
CancellationToken cancellationToken)
```

Parameters

`filter` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<Order>>

UpdateOrderAsync(Order, CancellationToken)

```
Task<Order> UpdateOrderAsync(Order order, CancellationToken cancellationToken)
```

Parameters

`order` Order

`cancellationToken` CancellationToken

Returns

Task<Order>

Class OrderService

Namespace: ShopApi.Features.OrderFeature.Services

Assembly: ShopApi.dll

```
public class OrderService : IOrderService
```

Inheritance

object ← OrderService

Implements

IOrderService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

OrderService(IOrderRepository)

```
public OrderService(IOrderRepository repository)
```

Parameters

`repository` IOrderRepository

Methods

CreateOrderAsync(Order, CancellationToken)

```
public Task<Order> CreateOrderAsync(Order order, CancellationToken
cancellationToken)
```

Parameters

`order` Order

`cancellationToken` CancellationToken

Returns

Task<Order>

DeleteOrderAsync(int, CancellationToken)

```
public Task DeleteOrderAsync(int id, CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task

GetOrderAmountAsync(GetOrdersFilter, CancellationToken)

```
public Task<int> GetOrderAmountAsync(GetOrdersFilter filter,
CancellationToken cancellationToken)
```

Parameters

`filter` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<int>

GetOrderByIdAsync(int, CancellationToken)

```
public Task<Order?> GetOrderByIdAsync(int id, CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<Order>

GetPaginatedOrdersAsync(GetOrdersFilter, CancellationToken)

```
public Task<IEnumerable<Order>> GetPaginatedOrdersAsync(GetOrdersFilter filter,
CancellationToken cancellationToken)
```

Parameters

`filter` GetOrdersFilter

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<Order>>

UpdateOrderAsync(Order, CancellationToken)

```
public Task<Order> UpdateOrderAsync(Order order, CancellationToken
cancellationToken)
```

Parameters

`order` Order

`cancellationToken` CancellationToken

Returns

Task<Order>

Namespace ShopApi.Features.Order Feature.Validators

Classes

ClientUpdateOrderRequestValidator

CreateOrderRequestValidator

GetOrdersFilterValidator

ManagerUpdateOrderRequestValidator

OrderBookRequestValidator

Class ClientUpdateOrderRequestValidator

Namespace: ShopApi.Features.OrderFeature.Validators

Assembly: ShopApi.dll

```
public class ClientUpdateOrderRequestValidator :
AbstractValidator<ClientUpdateOrderRequest>, IValidator<ClientUpdateOrderRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<ClientUpdateOrderRequest> ← ClientUpdateOrderRequestValidator

Implements

IValidator<ClientUpdateOrderRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<ClientUpdateOrderRequest>.Validate(ClientUpdateOrderRequest) , AbstractValidator<ClientUpdateOrderRequest>.ValidateAsync(ClientUpdateOrderRequest, CancellationToken) , AbstractValidator<ClientUpdateOrderRequest>.Validate(ValidationContext<ClientUpdateOrderRequest>) , AbstractValidator<ClientUpdateOrderRequest>.ValidateAsync(ValidationContext<ClientUpdateOrderRequest>, CancellationToken) , AbstractValidator<ClientUpdateOrderRequest>.CreateDescriptor() , AbstractValidator<ClientUpdateOrderRequest>.RuleFor<TProperty>(Expression<Func<ClientUpdateOrderRequest, TProperty>>) , AbstractValidator<ClientUpdateOrderRequest>.Transform<TProperty, TTransformed>(Expression<Func<ClientUpdateOrderRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<ClientUpdateOrderRequest>.Transform<TProperty, TTransformed>(Expression<Func<ClientUpdateOrderRequest, TProperty>>, Func<ClientUpdateOrderRequest, TProperty, TTransformed>) , AbstractValidator<ClientUpdateOrderRequest>.RuleForEach<TElement>(Expression<Func<ClientUpdateOrderRequest, IEnumerable<TElement>>>) , AbstractValidator<ClientUpdateOrderRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<ClientUpdateOrderRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<ClientUpdateOrderRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<ClientUpdateOrderRequest, IEnumerable<TElement>>>, Func<ClientUpdateOrderRequest, TElement, TTransformed>) , AbstractValidator<ClientUpdateOrderRequest>.RuleSet(string, Action) , AbstractValidator<ClientUpdateOrderRequest>.When(Func<ClientUpdateOrderRequest, bool>, Action) , AbstractValidator<ClientUpdateOrderRequest>.When(Func<ClientUpdateOrderRequest, ValidationContext<ClientUpdateOrderRequest>, bool>, Action) , AbstractValidator<ClientUpdateOrderRequest>.Unless(Func<ClientUpdateOrderRequest, bool>, Action) , AbstractValidator<ClientUpdateOrderRequest>.Unless(Func<ClientUpdateOrderRequest, ValidationContext<ClientUpdateOrderRequest>, bool>, Action) , AbstractValidator<ClientUpdateOrderRequest>.WhenAsync(Func<ClientUpdateOrderRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<ClientUpdateOrderRequest>.WhenAsync(Func<ClientUpdateOrderRequest, ValidationContext<ClientUpdateOrderRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<ClientUpdateOrderRequest>.UnlessAsync(Func<ClientUpdateOrderRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<ClientUpdateOrderRequest>.UnlessAsync(Func<ClientUpdateOrderRequest, ValidationContext<ClientUpdateOrderRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<ClientUpdateOrderRequest>.Include(IValidator<ClientUpdateOrderRequest>) , AbstractValidator<ClientUpdateOrderRequest>.Include<TValidator>(Func<ClientUpdateOrderRequest, TValidator>) , AbstractValidator<ClientUpdateOrderRequest>.GetEnumerator() , AbstractValidator<ClientUpdateOrderRequest>.EnsureInstanceNotNull(object) , AbstractValidator<ClientUpdateOrderRequest>.PreValidate(ValidationContext<ClientUpdateOrderRequest>, ValidationResult) , AbstractValidator<ClientUpdateOrderRequest>.RaiseValidationException(ValidationContext<ClientUpdateOrderRequest>, ValidationResult) , AbstractValidator<ClientUpdateOrderRequest>.CascadeMode , AbstractValidator<ClientUpdateOrderRequest>.ClassLevelCascadeMode , AbstractValidator<ClientUpdateOrderRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ClientUpdateOrderRequestValidator()

```
public ClientUpdateOrderRequestValidator()
```

Class CreateOrderRequestValidator

Namespace: ShopApi.Features.OrderFeature.Validators

Assembly: ShopApi.dll

```
public class CreateOrderRequestValidator : AbstractValidator<CreateOrderRequest>,
IValidator<CreateOrderRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<CreateOrderRequest> ← CreateOrderRequestValidator

Implements

IValidator<CreateOrderRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<CreateOrderRequest>.Validate(CreateOrderRequest) , AbstractValidator<CreateOrderRequest>.ValidateAsync(CreateOrderRequest, CancellationToken) , AbstractValidator<CreateOrderRequest>.Validate(ValidationContext<CreateOrderRequest>) , AbstractValidator<CreateOrderRequest>.ValidateAsync(ValidationContext<CreateOrderRequest>, CancellationToken) , AbstractValidator<CreateOrderRequest>.CreateDescriptor() , AbstractValidator<CreateOrderRequest>.RuleFor<TProperty>(Expression<Func<CreateOrderRequest, TProperty>>) , AbstractValidator<CreateOrderRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateOrderRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<CreateOrderRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateOrderRequest, TProperty>>, Func<CreateOrderRequest, TProperty, TTransformed>) , AbstractValidator<CreateOrderRequest>.RuleForEach<TElement>(Expression<Func<CreateOrderRequest, IEnumerable<TElement>>>) , AbstractValidator<CreateOrderRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateOrderRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<CreateOrderRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateOrderRequest, IEnumerable<TElement>>>, Func<CreateOrderRequest, TElement, TTransformed>) , AbstractValidator<CreateOrderRequest>.RuleSet(string, Action) , AbstractValidator<CreateOrderRequest>.When(Func<CreateOrderRequest, bool>, Action) , AbstractValidator<CreateOrderRequest>.When(Func<CreateOrderRequest, ValidationContext<CreateOrderRequest>, bool>, Action) , AbstractValidator<CreateOrderRequest>.Unless(Func<CreateOrderRequest, bool>, Action) , AbstractValidator<CreateOrderRequest>.Unless(Func<CreateOrderRequest, ValidationContext<CreateOrderRequest>, bool>, Action) , AbstractValidator<CreateOrderRequest>.WhenAsync(Func<CreateOrderRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateOrderRequest>.WhenAsync(Func<CreateOrderRequest, ValidationContext<CreateOrderRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateOrderRequest>.UnlessAsync(Func<CreateOrderRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateOrderRequest>.UnlessAsync(Func<CreateOrderRequest, ValidationContext<CreateOrderRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateOrderRequest>.Include(IValidator<CreateOrderRequest>) , AbstractValidator<CreateOrderRequest>.Include<TValidator>(Func<CreateOrderRequest, TValidator>) , AbstractValidator<CreateOrderRequest>.GetEnumerator() , AbstractValidator<CreateOrderRequest>.EnsureInstanceNotNull(object) , AbstractValidator<CreateOrderRequest>.PreValidate(ValidationContext<CreateOrderRequest>, ValidationResult) , AbstractValidator<CreateOrderRequest>.RaiseValidationException(ValidationContext<CreateOrderRequest>, ValidationResult) , AbstractValidator<CreateOrderRequest>.CascadeMode , AbstractValidator<CreateOrderRequest>.ClassLevelCascadeMode , AbstractValidator<CreateOrderRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateOrderRequestValidator(IConfiguration)

```
public CreateOrderRequestValidator(IConfiguration configuration)
```

Parameters

`configuration` IConfiguration

Class GetOrdersFilterValidator

Namespace: ShopApi.Features.OrderFeature.Validators

Assembly: ShopApi.dll

```
public class GetOrdersFilterValidator : AbstractValidator<GetOrdersFilter>,
IValidator<GetOrdersFilter>, IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<GetOrdersFilter> ← GetOrdersFilterValidator

Implements

IValidator<GetOrdersFilter>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<GetOrdersFilter>.Validate(GetOrdersFilter) ,
AbstractValidator<GetOrdersFilter>.ValidateAsync(GetOrdersFilter, CancellationToken) ,
AbstractValidator<GetOrdersFilter>.Validate(ValidationContext<GetOrdersFilter>) ,
AbstractValidator<GetOrdersFilter>.ValidateAsync(ValidationContext<GetOrdersFilter>, CancellationToken) ,
AbstractValidator<GetOrdersFilter>.CreateDescriptor() ,
AbstractValidator<GetOrdersFilter>.RuleFor<TProperty>(Expression<Func<GetOrdersFilter, TProperty>>) ,
AbstractValidator<GetOrdersFilter>.Transform<TProperty, TTransformed>(Expression<Func<GetOrdersFilter, TProperty>>, Func<TProperty, TTransformed>) ,
AbstractValidator<GetOrdersFilter>.Transform<TProperty, TTransformed>(Expression<Func<GetOrdersFilter, TProperty>>, Func<GetOrdersFilter, TProperty, TTransformed>) ,
AbstractValidator<GetOrdersFilter>.RuleForEach<TElement>(Expression<Func<GetOrdersFilter, IEnumerable<TElement>>>) ,
AbstractValidator<GetOrdersFilter>.TransformForEach<TElement, TTransformed>(Expression<Func<GetOrdersFilter, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,
AbstractValidator<GetOrdersFilter>.TransformForEach<TElement, TTransformed>(Expression<Func<GetOrdersFilter, IEnumerable<TElement>>>, Func<GetOrdersFilter, TElement, TTransformed>) ,
AbstractValidator<GetOrdersFilter>.RuleSet(string, Action) ,
AbstractValidator<GetOrdersFilter>.When(Func<GetOrdersFilter, bool>, Action) ,

AbstractValidator<GetOrdersFilter>.When(Func<GetOrdersFilter, ValidationContext<GetOrdersFilter>, bool>, Action) , AbstractValidator<GetOrdersFilter>.Unless(Func<GetOrdersFilter, bool>, Action) , AbstractValidator<GetOrdersFilter>.Unless(Func<GetOrdersFilter, ValidationContext<GetOrdersFilter>, bool>, Action) , AbstractValidator<GetOrdersFilter>.WhenAsync(Func<GetOrdersFilter, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetOrdersFilter>.WhenAsync(Func<GetOrdersFilter, ValidationContext<GetOrdersFilter>, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetOrdersFilter>.UnlessAsync(Func<GetOrdersFilter, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetOrdersFilter>.UnlessAsync(Func<GetOrdersFilter, ValidationContext<GetOrdersFilter>, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetOrdersFilter>.Include(IValidator<GetOrdersFilter>) , AbstractValidator<GetOrdersFilter>.Include<TValidator>(Func<GetOrdersFilter, TValidator>) , AbstractValidator<GetOrdersFilter>.GetEnumerator() , AbstractValidator<GetOrdersFilter>.EnsureInstanceNotNull(object) , AbstractValidator<GetOrdersFilter>.PreValidate(ValidationContext<GetOrdersFilter>, ValidationResult) , AbstractValidator<GetOrdersFilter>.RaiseValidationException(ValidationContext<GetOrdersFilter>, ValidationResult) , AbstractValidator<GetOrdersFilter>.CascadeMode , AbstractValidator<GetOrdersFilter>.ClassLevelCascadeMode , AbstractValidator<GetOrdersFilter>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetOrdersFilterValidator(PaginationOptions)

```
public GetOrdersFilterValidator(PaginationOptions paginationConfiguration)
```

Parameters

`paginationConfiguration` PaginationOptions

Class ManagerUpdateOrderRequestValidator

Namespace: ShopApi.Features.OrderFeature.Validators

Assembly: ShopApi.dll

```
public class ManagerUpdateOrderRequestValidator :
AbstractValidator<ManagerUpdateOrderRequest>, IValidator<ManagerUpdateOrderRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<ManagerUpdateOrderRequest> ← ManagerUpdateOrderRequestValidator

Implements

IValidator<ManagerUpdateOrderRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<ManagerUpdateOrderRequest>.Validate(ManagerUpdateOrderRequest) , AbstractValidator<ManagerUpdateOrderRequest>.ValidateAsync(ManagerUpdateOrderRequest, CancellationToken) , AbstractValidator<ManagerUpdateOrderRequest>.Validate(ValidationContext<ManagerUpdateOrderRequest>) , AbstractValidator<ManagerUpdateOrderRequest>.ValidateAsync(ValidationContext<ManagerUpdateOrderRequest>, CancellationToken) , AbstractValidator<ManagerUpdateOrderRequest>.CreateDescriptor() , AbstractValidator<ManagerUpdateOrderRequest>.RuleFor<TProperty>(Expression<Func<ManagerUpdateOrderRequest, TProperty>>) , AbstractValidator<ManagerUpdateOrderRequest>.Transform<TProperty, TTransformed>(Expression<Func<ManagerUpdateOrderRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<ManagerUpdateOrderRequest>.Transform<TProperty, TTransformed>(Expression<Func<ManagerUpdateOrderRequest, TProperty>>, Func<ManagerUpdateOrderRequest, TProperty, TTransformed>) , AbstractValidator<ManagerUpdateOrderRequest>.RuleForEach<TElement>(Expression<Func<ManagerUpdateOrderRequest, IEnumerable<TElement>>>) ,

AbstractValidator<ManagerUpdateOrderRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<ManagerUpdateOrderRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<ManagerUpdateOrderRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<ManagerUpdateOrderRequest, IEnumerable<TElement>>>, Func<ManagerUpdateOrderRequest, TElement, TTransformed>) , AbstractValidator<ManagerUpdateOrderRequest>.RuleSet(string, Action) , AbstractValidator<ManagerUpdateOrderRequest>.When(Func<ManagerUpdateOrderRequest, bool>, Action) , AbstractValidator<ManagerUpdateOrderRequest>.When(Func<ManagerUpdateOrderRequest, ValidationContext<ManagerUpdateOrderRequest>, bool>, Action) , AbstractValidator<ManagerUpdateOrderRequest>.Unless(Func<ManagerUpdateOrderRequest, bool>, Action) , AbstractValidator<ManagerUpdateOrderRequest>.Unless(Func<ManagerUpdateOrderRequest, ValidationContext<ManagerUpdateOrderRequest>, bool>, Action) , AbstractValidator<ManagerUpdateOrderRequest>.WhenAsync(Func<ManagerUpdateOrderRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<ManagerUpdateOrderRequest>.WhenAsync(Func<ManagerUpdateOrderRequest, ValidationContext<ManagerUpdateOrderRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<ManagerUpdateOrderRequest>.UnlessAsync(Func<ManagerUpdateOrderRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<ManagerUpdateOrderRequest>.UnlessAsync(Func<ManagerUpdateOrderRequest, ValidationContext<ManagerUpdateOrderRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<ManagerUpdateOrderRequest>.Include(IValidator<ManagerUpdateOrderRequest>) , AbstractValidator<ManagerUpdateOrderRequest>.Include<TValidator>(Func<ManagerUpdateOrderRequest, TValidator>) , AbstractValidator<ManagerUpdateOrderRequest>.GetEnumerator() , AbstractValidator<ManagerUpdateOrderRequest>.EnsureInstanceNotNull(object) , AbstractValidator<ManagerUpdateOrderRequest>.PreValidate(ValidationContext<ManagerUpdateOrderRequest>, ValidationResult) , AbstractValidator<ManagerUpdateOrderRequest>.RaiseValidationException(ValidationContext<ManagerUpdateOrderRequest>, ValidationResult) , AbstractValidator<ManagerUpdateOrderRequest>.CascadeMode , AbstractValidator<ManagerUpdateOrderRequest>.ClassLevelCascadeMode , AbstractValidator<ManagerUpdateOrderRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() ,

object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

ManagerUpdateOrderRequestValidator()

```
public ManagerUpdateOrderRequestValidator()
```

Class OrderBookRequestValidator

Namespace: ShopApi.Features.OrderFeature.Validators

Assembly: ShopApi.dll

```
public class OrderBookRequestValidator : AbstractValidator<OrderBookRequest>,
IValidator<OrderBookRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<OrderBookRequest> ← OrderBookRequestValidator

Implements

IValidator<OrderBookRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<OrderBookRequest>.Validate(OrderBookRequest) ,
AbstractValidator<OrderBookRequest>.ValidateAsync(OrderBookRequest, CancellationToken) ,
AbstractValidator<OrderBookRequest>.Validate(ValidationContext<OrderBookRequest>) ,
AbstractValidator<OrderBookRequest>.ValidateAsync(ValidationContext<OrderBookRequest>, CancellationToken) ,
AbstractValidator<OrderBookRequest>.CreateDescriptor() ,
AbstractValidator<OrderBookRequest>.RuleFor<TProperty>(Expression<Func<OrderBookRequest, TProperty>>) ,
AbstractValidator<OrderBookRequest>.Transform<TProperty, TTransformed>(Expression<Func<OrderBookRequest, TProperty>>, Func<TProperty, TTransformed>) ,
AbstractValidator<OrderBookRequest>.Transform<TProperty, TTransformed>(Expression<Func<OrderBookRequest, TProperty>>, Func<OrderBookRequest, TProperty, TTransformed>) ,
AbstractValidator<OrderBookRequest>.RuleForEach<TElement>(Expression<Func<OrderBookRequest, IEnumerable<TElement>>>) ,
AbstractValidator<OrderBookRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<OrderBookRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,
AbstractValidator<OrderBookRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<OrderBookRequest, IEnumerable<TElement>>>, Func<OrderBookRequest, TElement, TTransformed>) ,
AbstractValidator<OrderBookRequest>.RuleSet(string, Action) ,
AbstractValidator<OrderBookRequest>.When(Func<OrderBookRequest, bool>, Action) ,

AbstractValidator<OrderBookRequest>.When(Func<OrderBookRequest, ValidationContext<OrderBookRequest>, bool>, Action) , AbstractValidator<OrderBookRequest>.Unless(Func<OrderBookRequest, bool>, Action) , AbstractValidator<OrderBookRequest>.Unless(Func<OrderBookRequest, ValidationContext<OrderBookRequest>, bool>, Action) , AbstractValidator<OrderBookRequest>.WhenAsync(Func<OrderBookRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<OrderBookRequest>.WhenAsync(Func<OrderBookRequest, ValidationContext<OrderBookRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<OrderBookRequest>.UnlessAsync(Func<OrderBookRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<OrderBookRequest>.UnlessAsync(Func<OrderBookRequest, ValidationContext<OrderBookRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<OrderBookRequest>.Include(IValidator<OrderBookRequest>) , AbstractValidator<OrderBookRequest>.Include<TValidator>(Func<OrderBookRequest, TValidator>) , AbstractValidator<OrderBookRequest>.GetEnumerator() , AbstractValidator<OrderBookRequest>.EnsureInstanceNotNull(object) , AbstractValidator<OrderBookRequest>.PreValidate(ValidationContext<OrderBookRequest> , ValidationResult) , AbstractValidator<OrderBookRequest>.RaiseValidationException(ValidationContext<OrderBookRequest>, ValidationResult) , AbstractValidator<OrderBookRequest>.CascadeMode , AbstractValidator<OrderBookRequest>.ClassLevelCascadeMode , AbstractValidator<OrderBookRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

OrderBookRequestValidator(IConfiguration)

```
public OrderBookRequestValidator(IConfiguration configuration)
```

Parameters

`configuration` IConfiguration

Namespace ShopApi.Features.Statistics Feature.Domain.Dtos

Classes

GetShopStatisticsRequest

ShopStatisticsResponse

StatisticsBookRequest

Class GetShopStatisticsRequest

Namespace: ShopApi.Features.StatisticsFeature.Domain.Dtos

Assembly: ShopApi.dll

```
public class GetShopStatisticsRequest
```

Inheritance

object ← GetShopStatisticsRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

FromUTC

```
public DateTime? FromUTC { get; set; }
```

Property Value

DateTime?

IncludeBooks

```
public StatisticsBookRequest[] IncludeBooks { get; set; }
```

Property Value

StatisticsBookRequest[]

ToUTC

```
public DateTime? ToUTC { get; set; }
```

Property Value

DateTime?

Class ShopStatisticsResponse

Namespace: ShopApi.Features.StatisticsFeature.Domain.Dtos

Assembly: ShopApi.dll

```
public class ShopStatisticsResponse
```

Inheritance

object ← ShopStatisticsResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AveragePrice

```
public decimal AveragePrice { get; set; }
```

Property Value

decimal

CanceledCopies

```
public long CanceledCopies { get; set; }
```

Property Value

long

CanceledOrderAmount

```
public long CanceledOrderAmount { get; set; }
```

Property Value

long

EarnedMoney

```
public decimal EarnedMoney { get; set; }
```

Property Value

decimal

InCartCopies

```
public long InCartCopies { get; set; }
```

Property Value

long

InOrderCopies

```
public long InOrderCopies { get; set; }
```

Property Value

long

OrderAmount

```
public long OrderAmount { get; set; }
```

Property Value

long

OrderAmountInDays

```
public Dictionary<DateTime, long> OrderAmountInDays { get; set; }
```

Property Value

Dictionary<DateTime, long>

SoldCopies

```
public long SoldCopies { get; set; }
```

Property Value

long

Class StatisticsBookRequest

Namespace: ShopApi.Features.StatisticsFeature.Domain.Dtos

Assembly: ShopApi.dll

```
public class StatisticsBookRequest
```

Inheritance

object ← StatisticsBookRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Id

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

Property Value

int

Namespace ShopApi.Features.Statistics Feature.Domain.Models

Classes

GetShopStatisticsFilter

ShopStatistics

StatisticsBook

Class GetShopStatisticsFilter

Namespace: ShopApi.Features.StatisticsFeature.Domain.Models

Assembly: ShopApi.dll

```
public class GetShopStatisticsFilter
```

Inheritance

object ← GetShopStatisticsFilter

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

FromUTC

```
public DateTime? FromUTC { get; set; }
```

Property Value

DateTime?

IncludeBooks

```
public StatisticsBook[] IncludeBooks { get; set; }
```

Property Value

StatisticsBook[]

ToUTC

```
public DateTime? ToUTC { get; set; }
```

Property Value

DateTime?

Class ShopStatistics

Namespace: ShopApi.Features.StatisticsFeature.Domain.Models

Assembly: ShopApi.dll

```
public class ShopStatistics
```

Inheritance

object ← ShopStatistics

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AveragePrice

```
public decimal AveragePrice { get; set; }
```

Property Value

decimal

CanceledCopies

```
public long CanceledCopies { get; set; }
```

Property Value

long

CanceledOrderAmount

```
public long CanceledOrderAmount { get; set; }
```

Property Value

long

EarnedMoney

```
public decimal EarnedMoney { get; set; }
```

Property Value

decimal

InCartCopies

```
public long InCartCopies { get; set; }
```

Property Value

long

InOrderCopies

```
public long InOrderCopies { get; set; }
```

Property Value

long

OrderAmount

```
public long OrderAmount { get; set; }
```

Property Value

long

OrderAmountInDays

```
public Dictionary<DateTime, long> OrderAmountInDays { get; set; }
```

Property Value

Dictionary<DateTime, long>

SoldCopies

```
public long SoldCopies { get; set; }
```

Property Value

long

Class StatisticsBook

Namespace: ShopApi.Features.StatisticsFeature.Domain.Models

Assembly: ShopApi.dll

```
public class StatisticsBook
```

Inheritance

object ← StatisticsBook

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Id

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

Property Value

int

Namespace ShopApi.Features.Statistics Feature.Repository

Classes

StatisticsRepository

Interfaces

IStatisticsRepository

Interface IStatisticsRepository

Namespace: ShopApi.Features.StatisticsFeature.Repository

Assembly: ShopApi.dll

```
public interface IStatisticsRepository
```

Methods

GetAveragePriceAsync(GetShopStatisticsFilter, CancellationToken)

```
Task<decimal> GetAveragePriceAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<decimal>

GetCanceledCopiesAsync(GetShopStatisticsFilter, CancellationToken)

```
Task<long> GetCanceledCopiesAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

GetCanceledOrdersAsync(GetShopStatisticsFilter, CancellationToken)

```
Task<long> GetCanceledOrdersAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

GetEarnedMoneyAsync(GetShopStatisticsFilter, CancellationToken)

```
Task<decimal> GetEarnedMoneyAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<decimal>

GetInCartCopiesAsync(GetShopStatisticsFilter, CancellationToken)

```
Task<long> GetInCartCopiesAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

GetInOrderCopiesAsync(GetShopStatisticsFilter, CancellationToken)

```
Task<long> GetInOrderCopiesAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

GetOrderAmountAsync(GetShopStatisticsFilter, CancellationToken)

```
Task<long> GetOrderAmountAsync(GetShopStatisticsFilter getBookStatistics,
```

```
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

GetOrderAmountInDaysAsync(GetShopStatisticsFilter, CancellationToken)

```
Task<Dictionary<DateTime, long>> GetOrderAmountInDaysAsync(GetShopStatisticsFilter
getBookStatistics, CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<Dictionary<DateTime, long>>

GetSoldCopiesAsync(GetShopStatisticsFilter, CancellationToken)

```
Task<long> GetSoldCopiesAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

Class StatisticsRepository

Namespace: ShopApi.Features.StatisticsFeature.Repository

Assembly: ShopApi.dll

```
public class StatisticsRepository : IStatisticsRepository
```

Inheritance

object ← StatisticsRepository

Implements

IStatisticsRepository

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

StatisticsRepository(IDatabaseRepository<ShopDbContext>)

```
public StatisticsRepository(IDatabaseRepository<ShopDbContext> repository)
```

Parameters

`repository` IDatabaseRepository<ShopDbContext>

Methods

GetAveragePriceAsync(GetShopStatisticsFilter, CancellationToken)

```
public Task<decimal> GetAveragePriceAsync(GetShopStatisticsFilter getBookStatistics,
```

```
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<decimal>

GetCanceledCopiesAsync(GetShopStatisticsFilter, CancellationToken)

```
public Task<long> GetCanceledCopiesAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

GetCanceledOrdersAsync(GetShopStatisticsFilter, CancellationToken)

```
public Task<long> GetCanceledOrdersAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

GetEarnedMoneyAsync(GetShopStatisticsFilter, CancellationToken)

```
public Task<decimal> GetEarnedMoneyAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<decimal>

GetInCartCopiesAsync(GetShopStatisticsFilter, CancellationToken)

```
public Task<long> GetInCartCopiesAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

GetInOrderCopiesAsync(GetShopStatisticsFilter, CancellationToken)

```
public Task<long> GetInOrderCopiesAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

GetOrderAmountAsync(GetShopStatisticsFilter, CancellationToken)

```
public Task<long> GetOrderAmountAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

GetOrderAmountInDaysAsync(GetShopStatisticsFilter, CancellationToken)

```
public Task<Dictionary<DateTime, long>>
GetOrderAmountInDaysAsync(GetShopStatisticsFilter getBookStatistics,
```

```
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<Dictionary<DateTime, long>>

GetSoldCopiesAsync(GetShopStatisticsFilter, CancellationToken)

```
public Task<long> GetSoldCopiesAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<long>

Namespace ShopApi.Features.Statistics Feature.Services

Classes

StatisticsService

Interfaces

IStatisticsService

Interface IStatisticsService

Namespace: ShopApi.Features.StatisticsFeature.Services

Assembly: ShopApi.dll

```
public interface IStatisticsService
```

Methods

GetStatisticsAsync(GetShopStatisticsFilter, CancellationToken)

```
Task<ShopStatistics> GetStatisticsAsync(GetShopStatisticsFilter getBookStatistics,
CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<ShopStatistics>

Class StatisticsService

Namespace: ShopApi.Features.StatisticsFeature.Services

Assembly: ShopApi.dll

```
public class StatisticsService : IStatisticsService
```

Inheritance

object ← StatisticsService

Implements

IStatisticsService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

StatisticsService(IStatisticsRepository)

```
public StatisticsService(IStatisticsRepository statisticsRepository)
```

Parameters

`statisticsRepository` IStatisticsRepository

Methods

GetStatisticsAsync(GetShopStatisticsFilter, CancellationToken)

```
public Task<ShopStatistics> GetStatisticsAsync(GetShopStatisticsFilter
getBookStatistics, CancellationToken cancellationToken)
```

Parameters

`getBookStatistics` GetShopStatisticsFilter

`cancellationToken` CancellationToken

Returns

Task<ShopStatistics>

Namespace ShopApi.Features.Statistics Feature.Validators

Classes

GetBookStatisticsRequestValidator

StatisticsBookValidator

Class GetBookStatisticsRequestValidator

Namespace: ShopApi.Features.StatisticsFeature.Validators

Assembly: ShopApi.dll

```
public class GetBookStatisticsRequestValidator :
AbstractValidator<GetShopStatisticsRequest>, IValidator<GetShopStatisticsRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<GetShopStatisticsRequest> ← GetBookStatisticsRequestValidator

Implements

IValidator<GetShopStatisticsRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<GetShopStatisticsRequest>.Validate(GetShopStatisticsRequest) , AbstractValidator<GetShopStatisticsRequest>.ValidateAsync(GetShopStatisticsRequest, CancellationToken) , AbstractValidator<GetShopStatisticsRequest>.Validate(ValidationContext<GetShopStatisticsRequest>) , AbstractValidator<GetShopStatisticsRequest>.ValidateAsync(ValidationContext<GetShopStatisticsRequest>, CancellationToken) , AbstractValidator<GetShopStatisticsRequest>.CreateDescriptor() , AbstractValidator<GetShopStatisticsRequest>.RuleFor<TProperty>(Expression<Func<GetShopStatisticsRequest, TProperty>>) , AbstractValidator<GetShopStatisticsRequest>.Transform<TProperty, TTransformed>(Expression<Func<GetShopStatisticsRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<GetShopStatisticsRequest>.Transform<TProperty, TTransformed>(Expression<Func<GetShopStatisticsRequest, TProperty>>, Func<GetShopStatisticsRequest, TProperty, TTransformed>) , AbstractValidator<GetShopStatisticsRequest>.RuleForEach<TElement>(Expression<Func<GetShopStatisticsRequest, IEnumerable<TElement>>>) , AbstractValidator<GetShopStatisticsRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<GetShopStatisticsRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<GetShopStatisticsRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<GetShopStatisticsRequest, IEnumerable<TElement>>>, Func<GetShopStatisticsRequest, TElement, TTransformed>) , AbstractValidator<GetShopStatisticsRequest>.RuleSet(string, Action) , AbstractValidator<GetShopStatisticsRequest>.When(Func<GetShopStatisticsRequest, bool>, Action) , AbstractValidator<GetShopStatisticsRequest>.When(Func<GetShopStatisticsRequest, ValidationContext<GetShopStatisticsRequest>, bool>, Action) , AbstractValidator<GetShopStatisticsRequest>.Unless(Func<GetShopStatisticsRequest, bool>, Action) , AbstractValidator<GetShopStatisticsRequest>.Unless(Func<GetShopStatisticsRequest, ValidationContext<GetShopStatisticsRequest>, bool>, Action) , AbstractValidator<GetShopStatisticsRequest>.WhenAsync(Func<GetShopStatisticsRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetShopStatisticsRequest>.WhenAsync(Func<GetShopStatisticsRequest, ValidationContext<GetShopStatisticsRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetShopStatisticsRequest>.UnlessAsync(Func<GetShopStatisticsRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetShopStatisticsRequest>.UnlessAsync(Func<GetShopStatisticsRequest, ValidationContext<GetShopStatisticsRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetShopStatisticsRequest>.Include(IValidator<GetShopStatisticsRequest>) , AbstractValidator<GetShopStatisticsRequest>.Include<TValidator>(Func<GetShopStatisticsRequest, TValidator>) , AbstractValidator<GetShopStatisticsRequest>.GetEnumerator() , AbstractValidator<GetShopStatisticsRequest>.EnsureInstanceNotNull(object) , AbstractValidator<GetShopStatisticsRequest>.PreValidate(ValidationContext<GetShopStatisticsRequest>, ValidationResult) , AbstractValidator<GetShopStatisticsRequest>.RaiseValidationException(ValidationContext<GetShopStatisticsRequest>, ValidationResult) , AbstractValidator<GetShopStatisticsRequest>.CascadeMode , AbstractValidator<GetShopStatisticsRequest>.ClassLevelCascadeMode , AbstractValidator<GetShopStatisticsRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetBookStatisticsRequestValidator()

```
public GetBookStatisticsRequestValidator()
```

Class StatisticsBookValidator

Namespace: ShopApi.Features.StatisticsFeature.Validators

Assembly: ShopApi.dll

```
public class StatisticsBookValidator : AbstractValidator<StatisticsBook>,
IValidator<StatisticsBook>, IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<StatisticsBook> ← StatisticsBookValidator

Implements

IValidator<StatisticsBook>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<StatisticsBook>.Validate(StatisticsBook) ,
AbstractValidator<StatisticsBook>.ValidateAsync(StatisticsBook, CancellationToken) ,
AbstractValidator<StatisticsBook>.Validate(ValidationContext<StatisticsBook>) ,
AbstractValidator<StatisticsBook>.ValidateAsync(ValidationContext<StatisticsBook>, CancellationToken) ,
AbstractValidator<StatisticsBook>.CreateDescriptor() ,
AbstractValidator<StatisticsBook>.RuleFor<TProperty>(Expression<Func<StatisticsBook, TProperty>>) ,
AbstractValidator<StatisticsBook>.Transform<TProperty, TTransformed>(Expression<Func<StatisticsBook, TProperty>>, Func<TProperty, TTransformed>) ,
AbstractValidator<StatisticsBook>.Transform<TProperty, TTransformed>(Expression<Func<StatisticsBook, TProperty>>, Func<StatisticsBook, TProperty, TTransformed>) ,
AbstractValidator<StatisticsBook>.RuleForEach<TElement>(Expression<Func<StatisticsBook, IEnumerable<TElement>>>) ,
AbstractValidator<StatisticsBook>.TransformForEach<TElement, TTransformed>(Expression<Func<StatisticsBook, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,
AbstractValidator<StatisticsBook>.TransformForEach<TElement, TTransformed>(Expression<Func<StatisticsBook, IEnumerable<TElement>>>, Func<StatisticsBook, TElement, TTransformed>) ,
AbstractValidator<StatisticsBook>.RuleSet(string, Action) ,
AbstractValidator<StatisticsBook>.When(Func<StatisticsBook, bool>, Action) ,

AbstractValidator<StatisticsBook>.When(Func<StatisticsBook, ValidationContext<StatisticsBook>, bool>, Action) , AbstractValidator<StatisticsBook>.Unless(Func<StatisticsBook, bool>, Action) , AbstractValidator<StatisticsBook>.Unless(Func<StatisticsBook, ValidationContext<StatisticsBook>, bool>, Action) , AbstractValidator<StatisticsBook>.WhenAsync(Func<StatisticsBook, CancellationToken, Task<bool>>, Action) , AbstractValidator<StatisticsBook>.WhenAsync(Func<StatisticsBook, ValidationContext<StatisticsBook>, CancellationToken, Task<bool>>, Action) , AbstractValidator<StatisticsBook>.UnlessAsync(Func<StatisticsBook, CancellationToken, Task<bool>>, Action) , AbstractValidator<StatisticsBook>.UnlessAsync(Func<StatisticsBook, ValidationContext<StatisticsBook>, CancellationToken, Task<bool>>, Action) , AbstractValidator<StatisticsBook>.Include(IValidator<StatisticsBook>) , AbstractValidator<StatisticsBook>.Include<TValidator>(Func<StatisticsBook, TValidator>) , AbstractValidator<StatisticsBook>.GetEnumerator() , AbstractValidator<StatisticsBook>.EnsureInstanceNotNull(object) , AbstractValidator<StatisticsBook>.PreValidate(ValidationContext<StatisticsBook>, ValidationResult) , AbstractValidator<StatisticsBook>.RaiseValidationException(ValidationContext<StatisticsBook>, ValidationResult) , AbstractValidator<StatisticsBook>.CascadeMode , AbstractValidator<StatisticsBook>.ClassLevelCascadeMode , AbstractValidator<StatisticsBook>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

StatisticsBookValidator()

```
public StatisticsBookValidator()
```

Namespace ShopApi.Features.StockBookOrderFeature.Command.CreateStockBookOrder

Classes

CreateStockBookOrderCommand

CreateStockBookOrderCommandHandler

Class CreateStockBookOrderCommand

Namespace: ShopApi.Features.StockBookOrderFeature.Command.CreateStockBookOrder

Assembly: ShopApi.dll

```
public record CreateStockBookOrderCommand : IRequest<StockBookOrderResponse>,
IBaseRequest, IEquatable<CreateStockBookOrderCommand>
```

Inheritance

object ← CreateStockBookOrderCommand

Implements

IRequest<StockBookOrderResponse>, IBaseRequest, IEquatable<CreateStockBookOrderCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateStockBookOrderCommand(CreateStockBookOrderRequest)

```
public CreateStockBookOrderCommand(CreateStockBookOrderRequest Request)
```

Parameters

`Request` CreateStockBookOrderRequest

Properties

Request

```
public CreateStockBookOrderRequest Request { get; init; }
```

Property Value

CreateStockBookOrderRequest

Class CreateStockBookOrderCommandHandler

Namespace: ShopApi.Features.StockBookOrderFeature.Command.CreateStockBookOrder

Assembly: ShopApi.dll

```
public class CreateStockBookOrderCommandHandler :
IRequestHandler<CreateStockBookOrderCommand, StockBookOrderResponse>
```

Inheritance

object ← CreateStockBookOrderCommandHandler

Implements

IRequestHandler<CreateStockBookOrderCommand, StockBookOrderResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateStockBookOrderCommandHandler(IStockBookOrderService, ILibraryService, IMapper)

```
public CreateStockBookOrderCommandHandler(IStockBookOrderService
stockBookOrderService, ILibraryService libraryService, IMapper mapper)
```

Parameters

`stockBookOrderService` IStockBookOrderService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(CreateStockBookOrderCommand, CancellationToken)

Handles a request

```
public Task<StockBookOrderResponse> Handle(CreateStockBookOrderCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` CreateStockBookOrderCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<StockBookOrderResponse>

Response from the request

Namespace ShopApi.Features.StockBookOrderFeature.Command.GetStockOrderAmount

Classes

GetStockOrderAmountQuery

GetStockOrderAmountQueryHandler

Class GetStockOrderAmountQuery

Namespace: ShopApi.Features.StockBookOrderFeature.Command.GetStockOrderAmount

Assembly: ShopApi.dll

```
public record GetStockOrderAmountQuery : IRequest<int>, IBaseRequest,
IEquatable<GetStockOrderAmountQuery>
```

Inheritance

object ← GetStockOrderAmountQuery

Implements

IRequest<int>, IBaseRequest, IEquatable<GetStockOrderAmountQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetStockOrderAmountQuery()

```
public GetStockOrderAmountQuery()
```

Class GetStockOrderAmountQueryHandler

Namespace: ShopApi.Features.StockBookOrderFeature.Command.GetStockOrderAmount

Assembly: ShopApi.dll

```
public class GetStockOrderAmountQueryHandler :
IRequestHandler<GetStockOrderAmountQuery, int>
```

Inheritance

object ← GetStockOrderAmountQueryHandler

Implements

IRequestHandler<GetStockOrderAmountQuery, int>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetStockOrderAmountQueryHandler(IStockBookOrderService)

```
public GetStockOrderAmountQueryHandler(IStockBookOrderService stockBookOrderService)
```

Parameters

`stockBookOrderService` IStockBookOrderService

Methods

Handle(GetStockOrderAmountQuery, CancellationToken)

Handles a request

```
public Task<int> Handle(GetStockOrderAmountQuery command,
CancellationToken cancellationToken)
```

Parameters

`command` GetStockOrderAmountQuery

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<int>

Response from the request

Namespace ShopApi.Features.StockBookOrderFeature.Command.GetStockOrderById

Classes

GetStockOrderByIdQuery

GetStockOrderByIdQueryHandler

Class GetStockOrderByIdQuery

Namespace: ShopApi.Features.StockBookOrderFeature.Command.GetStockOrderById

Assembly: ShopApi.dll

```
public record GetStockOrderByIdQuery : IRequest<StockBookOrderResponse?>,
IBaseRequest, IEquatable<GetStockOrderByIdQuery>
```

Inheritance

object ← GetStockOrderByIdQuery

Implements

IRequest<StockBookOrderResponse>, IBaseRequest, IEquatable<GetStockOrderByIdQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetStockOrderByIdQuery(int)

```
public GetStockOrderByIdQuery(int StockOrderId)
```

Parameters

`StockOrderId` int

Properties

StockOrderId

```
public int StockOrderId { get; init; }
```

Property Value

int

Class GetStockOrderByIdQueryHandler

Namespace: ShopApi.Features.StockBookOrderFeature.Command.GetStockOrderById

Assembly: ShopApi.dll

```
public class GetStockOrderByIdQueryHandler : IRequestHandler<GetStockOrderByIdQuery,
StockBookOrderResponse?>
```

Inheritance

object ← GetStockOrderByIdQueryHandler

Implements

IRequestHandler<GetStockOrderByIdQuery, StockBookOrderResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetStockOrderByIdQueryHandler(IStockBookOrderService, ILibraryService, IMapper)

```
public GetStockOrderByIdQueryHandler(IStockBookOrderService stockBookOrderService,
ILibraryService libraryService, IMapper mapper)
```

Parameters

`stockBookOrderService` IStockBookOrderService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(GetStockOrderByIdQuery, CancellationToken)

Handles a request

```
public Task<StockBookOrderResponse?> Handle(GetStockOrderByIdQuery command,
CancellationToken cancellationToken)
```

Parameters

`command` GetStockOrderByIdQuery

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<StockBookOrderResponse>

Response from the request

Namespace ShopApi.Features.StockBookOrderFeature.Command.GetStockOrderPaginated

Classes

GetStockOrderPaginatedQuery

GetStockOrderPaginatedQueryHandler

Class GetStockOrderPaginatedQuery

Namespace: ShopApi.Features.StockBookOrderFeature.Command.GetStockOrderPaginated

Assembly: ShopApi.dll

```
public record GetStockOrderPaginatedQuery :
IRequest<IEnumerable<StockBookOrderResponse>>, IBaseRequest,
IEquatable<GetStockOrderPaginatedQuery>
```

Inheritance

object ← GetStockOrderPaginatedQuery

Implements

IRequest<IEnumerable<StockBookOrderResponse>>, IBaseRequest, IEquatable<GetStockOrderPaginatedQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetStockOrderPaginatedQuery(PaginationRequest)

```
public GetStockOrderPaginatedQuery(PaginationRequest PaginationRequest)
```

Parameters

`PaginationRequest` PaginationRequest

Properties

PaginationRequest

```
public PaginationRequest PaginationRequest { get; init; }
```

Property Value

PaginationRequest

Class GetStockOrderPaginatedQueryHandler

Namespace: ShopApi.Features.StockBookOrderFeature.Command.GetStockOrderPaginated

Assembly: ShopApi.dll

```
public class GetStockOrderPaginatedQueryHandler :
IRequestHandler<GetStockOrderPaginatedQuery, IEnumerable<StockBookOrderResponse>>
```

Inheritance

object ← GetStockOrderPaginatedQueryHandler

Implements

IRequestHandler<GetStockOrderPaginatedQuery, IEnumerable<StockBookOrderResponse>>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetStockOrderPaginatedQueryHandler(IStockBookOrderService, ILibraryService, IMapper)

```
public GetStockOrderPaginatedQueryHandler(IStockBookOrderService
stockBookOrderService, ILibraryService libraryService, IMapper mapper)
```

Parameters

`stockBookOrderService` IStockBookOrderService

`libraryService` ILibraryService

`mapper` IMapper

Methods

Handle(GetStockOrderPaginatedQuery, CancellationToken)

Handles a request

```
public Task<IEnumerable<StockBookOrderResponse>> Handle(GetStockOrderPaginatedQuery
command, CancellationToken cancellationToken)
```

Parameters

`command` GetStockOrderPaginatedQuery

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<IEnumerable<StockBookOrderResponse>>

Response from the request

Namespace ShopApi.Features.StockBookOrderFeature.Dtos

Classes

CreateStockBookOrderRequest

StockBookChangeRequest

Class CreateStockBookOrderRequest

Namespace: ShopApi.Features.StockBookOrderFeature.Dtos

Assembly: ShopApi.dll

```
public class CreateStockBookOrderRequest
```

Inheritance

object ← CreateStockBookOrderRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ClientId

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

Property Value

string

StockBookChanges

```
public List<StockBookChangeRequest> StockBookChanges { get; set; }
```

Property Value

List<StockBookChangeRequest>

Type

```
public StockBookOrderType Type { get; set; }
```

Property Value

[StockBookOrderType]

Class StockBookChangeRequest

Namespace: ShopApi.Features.StockBookOrderFeature.Dtos

Assembly: ShopApi.dll

```
public class StockBookChangeRequest
```

Inheritance

object ← StockBookChangeRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

BookId

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

Property Value

int

ChangeAmount

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

Property Value

int

Namespace ShopApi.Features.StockBookOrderFeature.Models

Classes

BookStockAmountUpdatedEvent

Class BookStockAmountUpdatedEvent

Namespace: ShopApi.Features.StockBookOrderFeature.Models

Assembly: ShopApi.dll

```
public class BookStockAmountUpdatedEvent
```

Inheritance

object ← BookStockAmountUpdatedEvent

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

BookStockAmountUpdatedEvent(StockBookOrder)

```
public BookStockAmountUpdatedEvent(StockBookOrder stockBookOrder)
```

Parameters

`stockBookOrder` StockBookOrder

Properties

StockBookOrder

```
public StockBookOrder StockBookOrder { get; }
```

Property Value

StockBookOrder

Namespace ShopApi.Features.StockBookOrderFeature.Services

Classes

BookStockAmountUpdatedEventHandler

StockBookOrderService

Interfaces

IStockBookOrderService

Class BookStockAmountUpdatedEventHandler

Namespace: ShopApi.Features.StockBookOrderFeature.Services

Assembly: ShopApi.dll

```
public class BookStockAmountUpdatedEventHandler :
IEventHandler<BookStockAmountUpdatedEvent>
```

Inheritance

object ← BookStockAmountUpdatedEventHandler

Implements

IEventHandler<BookStockAmountUpdatedEvent>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

BookStockAmountUpdatedEventHandler(ILibraryService)

```
public BookStockAmountUpdatedEventHandler(ILibraryService libraryService)
```

Parameters

`libraryService` ILibraryService

Fields

libraryService

```
protected readonly ILibraryService libraryService
```

Field Value

ILibraryService

Methods

HandleAsync(BookStockAmountUpdatedEvent, CancellationToken)

```
public Task HandleAsync(BookStockAmountUpdatedEvent @event,
CancellationToken cancellationToken)
```

Parameters

`event` BookStockAmountUpdatedEvent

`cancellationToken` CancellationToken

Returns

Task

Interface IStockBookOrderService

Namespace: ShopApi.Features.StockBookOrderFeature.Services

Assembly: ShopApi.dll

```
public interface IStockBookOrderService
```

Methods

AddStockBookOrderAsync(StockBookOrder, CancellationToken)

```
Task<StockBookOrder> AddStockBookOrderAsync(StockBookOrder stockBookOrder,
CancellationToken cancellationToken)
```

Parameters

`stockBookOrder` StockBookOrder

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

AddStockBookOrderAsyncFromCanceledOrderAsync(Order, StockBookOrderType, CancellationToken)

```
Task<StockBookOrder> AddStockBookOrderAsyncFromCanceledOrderAsync(Order order,
StockBookOrderType type, CancellationToken cancellationToken)
```

Parameters

`order` Order

`type` StockBookOrderType

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

AddStockBookOrderAsyncFromOrderAsync(Order, StockBookOrderType, CancellationToken)

```
Task<StockBookOrder> AddStockBookOrderAsyncFromOrderAsync(Order order,
StockBookOrderType type, CancellationToken cancellationToken)
```

Parameters

`order` Order

`type` StockBookOrderType

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

GetPaginatedStockBookOrdersAsync(PaginationRequest, CancellationToken)

```
Task<IEnumerable<StockBookOrder>> GetPaginatedStockBookOrdersAsync(PaginationRequest
pagination, CancellationToken cancellationToken)
```

Parameters

`pagination` PaginationRequest

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<StockBookOrder>>

GetStockBookAmountAsync(CancellationToken)

```
Task<int> GetStockBookAmountAsync(CancellationToken cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<int>

GetStockBookOrderByIdAsync(int, CancellationToken)

```
Task<StockBookOrder?> GetStockBookOrderByIdAsync(int id, CancellationToken
cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

Class StockBookOrderService

Namespace: ShopApi.Features.StockBookOrderFeature.Services

Assembly: ShopApi.dll

```
public class StockBookOrderService : IStockBookOrderService
```

Inheritance

object ← StockBookOrderService

Implements

IStockBookOrderService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

StockBookOrderService(IStockBookOrderRepository, IEventDispatcher)

```
public StockBookOrderService(IStockBookOrderRepository stockBookOrderRepository,
IEventDispatcher eventDispatcher)
```

Parameters

`stockBookOrderRepository` IStockBookOrderRepository

`eventDispatcher` IEventDispatcher

Methods

AddStockBookOrderAsync(StockBookOrder, CancellationToken)

```
public Task<StockBookOrder> AddStockBookOrderAsync(StockBookOrder stockBookOrder,
CancellationToken cancellationToken)
```

Parameters

`stockBookOrder` StockBookOrder

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

AddStockBookOrderAsyncFromCanceledOrderAsync(Order, StockBookOrderType, CancellationToken)

```
public Task<StockBookOrder> AddStockBookOrderAsyncFromCanceledOrderAsync(Order
order, StockBookOrderType type, CancellationToken cancellationToken)
```

Parameters

`order` Order

`type` StockBookOrderType

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

AddStockBookOrderAsyncFromOrderAsync(Order, StockBookOrderType, CancellationToken)

```
public Task<StockBookOrder> AddStockBookOrderAsyncFromOrderAsync(Order order,
StockBookOrderType type, CancellationToken cancellationToken)
```

Parameters

`order` Order

`type` StockBookOrderType

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

GetPaginatedStockBookOrdersAsync(PaginationRequest, CancellationToken)

```
public Task<IEnumerable<StockBookOrder>>
GetPaginatedStockBookOrdersAsync(PaginationRequest pagination,
CancellationToken cancellationToken)
```

Parameters

`pagination` PaginationRequest

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<StockBookOrder>>

GetStockBookAmountAsync(CancellationToken)

```
public Task<int> GetStockBookAmountAsync(CancellationToken cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<int>

GetStockBookOrderByIdAsync(int, CancellationToken)

```
public Task<StockBookOrder?> GetStockBookOrderByIdAsync(int id,
CancellationToken cancellationToken)
```

Parameters

`id` int

`cancellationToken` CancellationToken

Returns

Task<StockBookOrder>

Namespace ShopApi.Features.StockBookOrderFeature.Validators

Classes

CreateStockBookOrderRequestValidator

StockBookChangeRequestValidator

Class CreateStockBookOrderRequestValidator

Namespace: ShopApi.Features.StockBookOrderFeature.Validators

Assembly: ShopApi.dll

```
public class CreateStockBookOrderRequestValidator
: AbstractValidator<CreateStockBookOrderRequest>,
IValidator<CreateStockBookOrderRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<CreateStockBookOrderRequest> ← CreateStockBookOrderRequestValidator

Implements

IValidator<CreateStockBookOrderRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<CreateStockBookOrderRequest>.Validate(CreateStockBookOrderRequest) , AbstractValidator<CreateStockBookOrderRequest>.ValidateAsync(CreateStockBookOrderRequest, CancellationToken) , AbstractValidator<CreateStockBookOrderRequest>.Validate(ValidationContext<CreateStockBookOrderRequest>) , AbstractValidator<CreateStockBookOrderRequest>.ValidateAsync(ValidationContext<CreateStockBookOrderRequest>, CancellationToken) , AbstractValidator<CreateStockBookOrderRequest>.CreateDescriptor() , AbstractValidator<CreateStockBookOrderRequest>.RuleFor<TProperty>(Expression<Func<CreateStockBookOrderRequest, TProperty>>) , AbstractValidator<CreateStockBookOrderRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateStockBookOrderRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<CreateStockBookOrderRequest>.Transform<TProperty, TTransformed>(Expression<Func<CreateStockBookOrderRequest, TProperty>>, Func<CreateStockBookOrderRequest, TProperty, TTransformed>) , AbstractValidator<CreateStockBookOrderRequest>.RuleForEach<TElement>(Expression<Func<CreateStockBookOrderRequest, IEnumerable<TElement>>>) ,

AbstractValidator<CreateStockBookOrderRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateStockBookOrderRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<CreateStockBookOrderRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<CreateStockBookOrderRequest, IEnumerable<TElement>>>, Func<CreateStockBookOrderRequest, TElement, TTransformed>) , AbstractValidator<CreateStockBookOrderRequest>.RuleSet(string, Action) , AbstractValidator<CreateStockBookOrderRequest>.When(Func<CreateStockBookOrderRequest, bool>, Action) , AbstractValidator<CreateStockBookOrderRequest>.When(Func<CreateStockBookOrderRequest, ValidationContext<CreateStockBookOrderRequest>, bool>, Action) , AbstractValidator<CreateStockBookOrderRequest>.Unless(Func<CreateStockBookOrderRequest, bool>, Action) , AbstractValidator<CreateStockBookOrderRequest>.Unless(Func<CreateStockBookOrderRequest, ValidationContext<CreateStockBookOrderRequest>, bool>, Action) , AbstractValidator<CreateStockBookOrderRequest>.WhenAsync(Func<CreateStockBookOrderRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateStockBookOrderRequest>.WhenAsync(Func<CreateStockBookOrderRequest, ValidationContext<CreateStockBookOrderRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateStockBookOrderRequest>.UnlessAsync(Func<CreateStockBookOrderRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateStockBookOrderRequest>.UnlessAsync(Func<CreateStockBookOrderRequest, ValidationContext<CreateStockBookOrderRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<CreateStockBookOrderRequest>.Include(IValidator<CreateStockBookOrderRequest>) , AbstractValidator<CreateStockBookOrderRequest>.Include<TValidator>(Func<CreateStockBookOrderRequest, TValidator>) , AbstractValidator<CreateStockBookOrderRequest>.GetEnumerator() , AbstractValidator<CreateStockBookOrderRequest>.EnsureInstanceNotNull(object) , AbstractValidator<CreateStockBookOrderRequest>.PreValidate(ValidationContext<CreateStockBookOrderRequest>, ValidationResult) , AbstractValidator<CreateStockBookOrderRequest>.RaiseValidationException(ValidationContext<CreateStockBookOrderRequest>, ValidationResult) , AbstractValidator<CreateStockBookOrderRequest>.CascadeMode , AbstractValidator<CreateStockBookOrderRequest>.ClassLevelCascadeMode , AbstractValidator<CreateStockBookOrderRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() ,

object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

CreateStockBookOrderRequestValidator()

```
public CreateStockBookOrderRequestValidator()
```

Class StockBookChangeRequestValidator

Namespace: ShopApi.Features.StockBookOrderFeature.Validators

Assembly: ShopApi.dll

```
public class StockBookChangeRequestValidator :
AbstractValidator<StockBookChangeRequest>, IValidator<StockBookChangeRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<StockBookChangeRequest> ← StockBookChangeRequestValidator

Implements

IValidator<StockBookChangeRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<StockBookChangeRequest>.Validate(StockBookChangeRequest) , AbstractValidator<StockBookChangeRequest>.ValidateAsync(StockBookChangeRequest, CancellationToken) , AbstractValidator<StockBookChangeRequest>.Validate(ValidationContext<StockBookChangeRequest>) , AbstractValidator<StockBookChangeRequest>.ValidateAsync(ValidationContext<StockBookChangeRequest>, CancellationToken) , AbstractValidator<StockBookChangeRequest>.CreateDescriptor() , AbstractValidator<StockBookChangeRequest>.RuleFor<TProperty>(Expression<Func<StockBookChangeRequest, TProperty>>) , AbstractValidator<StockBookChangeRequest>.Transform<TProperty, TTransformed>(Expression<Func<StockBookChangeRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<StockBookChangeRequest>.Transform<TProperty, TTransformed>(Expression<Func<StockBookChangeRequest, TProperty>>, Func<StockBookChangeRequest, TProperty, TTransformed>) , AbstractValidator<StockBookChangeRequest>.RuleForEach<TElement>(Expression<Func<StockBookChangeRequest, IEnumerable<TElement>>>) , AbstractValidator<StockBookChangeRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<StockBookChangeRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<StockBookChangeRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<StockBookChangeRequest, IEnumerable<TElement>>>, Func<StockBookChangeRequest, TElement, TTransformed>) , AbstractValidator<StockBookChangeRequest>.RuleSet(string, Action) , AbstractValidator<StockBookChangeRequest>.When(Func<StockBookChangeRequest, bool>, Action) , AbstractValidator<StockBookChangeRequest>.When(Func<StockBookChangeRequest, ValidationContext<StockBookChangeRequest>, bool>, Action) , AbstractValidator<StockBookChangeRequest>.Unless(Func<StockBookChangeRequest, bool>, Action) , AbstractValidator<StockBookChangeRequest>.Unless(Func<StockBookChangeRequest, ValidationContext<StockBookChangeRequest>, bool>, Action) , AbstractValidator<StockBookChangeRequest>.WhenAsync(Func<StockBookChangeRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<StockBookChangeRequest>.WhenAsync(Func<StockBookChangeRequest, ValidationContext<StockBookChangeRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<StockBookChangeRequest>.UnlessAsync(Func<StockBookChangeRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<StockBookChangeRequest>.UnlessAsync(Func<StockBookChangeRequest, ValidationContext<StockBookChangeRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<StockBookChangeRequest>.Include(IValidator<StockBookChangeRequest>) , AbstractValidator<StockBookChangeRequest>.Include<TValidator>(Func<StockBookChangeRequest, TValidator>) , AbstractValidator<StockBookChangeRequest>.GetEnumerator() , AbstractValidator<StockBookChangeRequest>.EnsureInstanceNotNull(object) , AbstractValidator<StockBookChangeRequest>.PreValidate(ValidationContext<StockBookChangeRequest>, ValidationResult) , AbstractValidator<StockBookChangeRequest>.RaiseValidationException(ValidationContext<StockBookChangeRequest>, ValidationResult) , AbstractValidator<StockBookChangeRequest>.CascadeMode , AbstractValidator<StockBookChangeRequest>.ClassLevelCascadeMode , AbstractValidator<StockBookChangeRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

StockBookChangeRequestValidator()

```
public StockBookChangeRequestValidator()
```

Namespace ShopApi.Migrations

Classes

AddedContactClientInfoToOrder

A base class inherited by each EF Core migration.

InitialMigration

A base class inherited by each EF Core migration.

Class AddedContactClientInfoToOrder

Namespace: ShopApi.Migrations

Assembly: ShopApi.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(ShopDbContext))]
[Migration("20241115132745_AddedContactClientInfoToOrder")]
public class AddedContactClientInfoToOrder : Migration
```

Inheritance

object ← Migration ← AddedContactClientInfoToOrder

Inherited Members

Migration.InitialDatabase , Migration.TargetModel , Migration.UpOperations , Migration.DownOperations , Migration.ActiveProvider , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Remarks

See Database migrations for more information and examples.

Methods

BuildTargetModel(ModelBuilder)

Implemented to build the TargetModel.

```
protected override void BuildTargetModel(ModelBuilder modelBuilder)
```

Parameters

`modelBuilder` ModelBuilder

The ModelBuilder to use to build the model.

Remarks

See Database migrations for more information and examples.

Down(MigrationBuilder)

Builds the operations that will migrate the database 'down'.

```
protected override void Down(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by this migration so that it returns to the state that it was in before this migration was applied.

This method must be overridden in each class that inherits from Migration if both 'up' and 'down' migrations are to be supported. If it is not overridden, then calling it will throw and it will not be possible to migrate in the 'down' direction.

See Database migrations for more information and examples.

Up(MigrationBuilder)

Builds the operations that will migrate the database 'up'.

```
protected override void Up(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by the previous migration so that it is up-to-date with regard to this migration.

This method must be overridden in each class that inherits from Migration.

See Database migrations for more information and examples.

Class InitialMigration

Namespace: ShopApi.Migrations

Assembly: ShopApi.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(ShopDbContext))]
[Migration("20241101190449_InitialMigration")]
public class InitialMigration : Migration
```

Inheritance

object ← Migration ← InitialMigration

Inherited Members

Migration.InitialDatabase , Migration.TargetModel , Migration.UpOperations , Migration.DownOperations , Migration.ActiveProvider , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Remarks

See Database migrations for more information and examples.

Methods

BuildTargetModel(ModelBuilder)

Implemented to build the TargetModel.

```
protected override void BuildTargetModel(ModelBuilder modelBuilder)
```

Parameters

`modelBuilder` ModelBuilder

The ModelBuilder to use to build the model.

Remarks

See Database migrations for more information and examples.

Down(MigrationBuilder)

Builds the operations that will migrate the database 'down'.

```
protected override void Down(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by this migration so that it returns to the state that it was in before this migration was applied.

This method must be overridden in each class that inherits from Migration if both 'up' and 'down' migrations are to be supported. If it is not overridden, then calling it will throw and it will not be possible to migrate in the 'down' direction.

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```
protected override void Up(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by the previous migration so that it is up-to-date with regard to this migration.

This method must be overridden in each class that inherits from Migration.

See Database migrations for more information and examples.

Namespace ShopApi.Services

Classes

LibraryService

Interfaces

ILibraryService

Interface ILibraryService

Namespace: ShopApi.Services

Assembly: ShopApi.dll

```
public interface ILibraryService
```

Methods

GetByIdsAsync<T>(List<int>, string, CancellationToken)

```
Task<IEnumerable<T>> GetByIdsAsync<T>(List<int> ids, string endpoint,
CancellationToken cancellationToken)
```

Parameters

`ids` List<int>

`endpoint` string

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<T>>

Type Parameters

`T`

RaiseBookPopularityByIdsAsync(List<int>, CancellationToken)

```
Task RaiseBookPopularityByIdsAsync(List<int> ids, CancellationToken
```

```
cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task

UpdateBookStockAmountAsync(List<StockBookChange>, CancellationToken)

```
Task UpdateBookStockAmountAsync(List<StockBookChange> changes,
CancellationToken cancellationToken)
```

Parameters

`changes` List<StockBookChange>

`cancellationToken` CancellationToken

Returns

Task

Class LibraryService

Namespace: ShopApi.Services

Assembly: ShopApi.dll

```
public class LibraryService : ILibraryService
```

Inheritance

object ← LibraryService

Implements

ILibraryService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LibraryService(ResiliencePipelineProvider<string>, IHttpHelper, IMapper, IConfiguration)

```
public LibraryService(ResiliencePipelineProvider<string> resiliencePipelineProvider,
IHttpHelper httpHelper, IMapper mapper, IConfiguration configuration)
```

Parameters

`resiliencePipelineProvider` ResiliencePipelineProvider<string>

`httpHelper` IHttpHelper

`mapper` IMapper

`configuration` IConfiguration

Methods

GetByIdsAsync<T>(List<int>, string, CancellationToken)

```
public Task<IEnumerable<T>> GetByIdsAsync<T>(List<int> ids, string endpoint,
CancellationToken cancellationToken)
```

Parameters

`ids` List<int>

`endpoint` string

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<T>>

Type Parameters

`T`

RaiseBookPopularityByIdsAsync(List<int>, CancellationToken)

```
public Task RaiseBookPopularityByIdsAsync(List<int> ids, CancellationToken
cancellationToken)
```

Parameters

`ids` List<int>

`cancellationToken` CancellationToken

Returns

Task

UpdateBookStockAmountAsync(List<StockBookChange>, CancellationToken)

```
public Task UpdateBookStockAmountAsync(List<StockBookChange> changes,
CancellationToken cancellationToken)
```

Parameters

`changes` List<StockBookChange>

`cancellationToken` CancellationToken

Returns

Task

Namespace UserApi

Classes

AutoMapperProfile

Configuration

Utilities

Class AutoMapperProfile

Namespace: UserApi

Assembly: UserApi.dll

```
public class AutoMapperProfile : Profile, IProfileExpression, IProfileConfiguration
```

Inheritance

object ← Profile ← AutoMapperProfile

Implements

IProfileExpression, IProfileConfiguration

Inherited Members

Profile.DisableConstructorMapping() , Profile.CreateProjection<TSource, TDestination>() , Profile.CreateProjection<TSource, TDestination>(MemberList) , Profile.CreateMap<TSource, TDestination>() , Profile.CreateMap<TSource, TDestination>(MemberList) , Profile.CreateMap(Type, Type) , Profile.CreateMap(Type, Type, MemberList) , Profile.ClearPrefixes() , Profile.ReplaceMemberName(string, string) , Profile.RecognizePrefixes(params string[]) , Profile.RecognizePostfixes(params string[]) , Profile.RecognizeDestinationPrefixes(params string[]) , Profile.RecognizeDestinationPostfixes(params string[]) , Profile.AddGlobalIgnore(string) , Profile.IncludeSourceExtensionMethods(Type) , Profile.ProfileName , Profile.AllowNullDestinationValues , Profile.AllowNullCollections , Profile.ShouldMapProperty , Profile.ShouldMapField , Profile.ShouldMapMethod , Profile.ShouldUseConstructor , Profile.SourceMemberNamingConvention , Profile.DestinationMemberNamingConvention , Profile.ValueTransformers , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AutoMapperProfile()

```
public AutoMapperProfile()
```

Class Configuration

Namespace: UserApi

Assembly: UserApi.dll

```
public static class Configuration
```

Inheritance

object ← Configuration

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AUTH_DATABASE_CONNECTION_STRING

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

Property Value

string

AUTH_REFRESH_TOKEN_EXPIRY_IN_DAYS

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

Property Value

string

EF_CREATE_DATABASE

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

Property Value

string

Class Utilities

Namespace: UserApi

Assembly: UserApi.dll

```
public static class Utilities
```

Inheritance

object ← Utilities

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

HasErrors(List<IdentityError>, out string[])

```
public static bool HasErrors(List<IdentityError> identityErrors, out
string[] errorResponse)
```

Parameters

`identityErrors` List<IdentityError>

`errorResponse` string[]

Returns

bool

Namespace UserApi.Command.Admin.AdminDeleteUser

Classes

AdminDeleteUserCommand

AdminDeleteUserCommandHandler

Class AdminDeleteUserCommand

Namespace: UserApi.Command.Admin.AdminDeleteUser

Assembly: UserApi.dll

```
public record AdminDeleteUserCommand : IRequest<Unit>, IBaseRequest,
IEquatable<AdminDeleteUserCommand>
```

Inheritance

object ← AdminDeleteUserCommand

Implements

IRequest<Unit>, IBaseRequest, IEquatable<AdminDeleteUserCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminDeleteUserCommand(string)

```
public AdminDeleteUserCommand(string Info)
```

Parameters

`Info` string

Properties

Info

```
public string Info { get; init; }
```

Property Value

string

Class AdminDeleteUserCommandHandler

Namespace: UserApi.Command.Admin.AdminDeleteUser

Assembly: UserApi.dll

```
public class AdminDeleteUserCommandHandler : IRequestHandler<AdminDeleteUserCommand,
Unit>
```

Inheritance

object ← AdminDeleteUserCommandHandler

Implements

IRequestHandler<AdminDeleteUserCommand, Unit>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminDeleteUserCommandHandler(IUserService)

```
public AdminDeleteUserCommandHandler(IUserService userServicee)
```

Parameters

`userServicee` IUserService

Methods

Handle(AdminDeleteUserCommand, CancellationToken)

Handles a request

```
public Task<Unit> Handle(AdminDeleteUserCommand command, CancellationToken
```

```
cancellationToken)
```

Parameters

`command` AdminDeleteUserCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<Unit>

Response from the request

Namespace UserApi.Command.Admin.AdminRegisterUser

Classes

AdminRegisterUserCommand

AdminRegisterUserCommandHandler

Class AdminRegisterUserCommand

Namespace: UserApi.Command.Admin.AdminRegisterUser

Assembly: UserApi.dll

```
public record AdminRegisterUserCommand : IRequest<AdminUserResponse>, IBaseRequest,
IEquatable<AdminRegisterUserCommand>
```

Inheritance

object ← AdminRegisterUserCommand

Implements

IRequest<AdminUserResponse>, IBaseRequest, IEquatable<AdminRegisterUserCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminRegisterUserCommand(AdminUserRegistrationRequest)

```
public AdminRegisterUserCommand(AdminUserRegistrationRequest Request)
```

Parameters

`Request` AdminUserRegistrationRequest

Properties

Request

```
public AdminUserRegistrationRequest Request { get; init; }
```

Property Value

AdminUserRegistrationRequest

Class AdminRegisterUserCommandHandler

Namespace: UserApi.Command.Admin.AdminRegisterUser

Assembly: UserApi.dll

```
public class AdminRegisterUserCommandHandler :
IRequestHandler<AdminRegisterUserCommand, AdminUserResponse>
```

Inheritance

object ← AdminRegisterUserCommandHandler

Implements

IRequestHandler<AdminRegisterUserCommand, AdminUserResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminRegisterUserCommandHandler(IAuthService, IUserService, IMapper)

```
public AdminRegisterUserCommandHandler(IAuthService authService, IUserService
userService, IMapper mapper)
```

Parameters

`authService` IAuthService

`userService` IUserService

`mapper` IMapper

Methods

Handle(AdminRegisterUserCommand, CancellationToken)

Handles a request

```
public Task<AdminUserResponse> Handle(AdminRegisterUserCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` AdminRegisterUserCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<AdminUserResponse>

Response from the request

Namespace UserApi.Command.Admin.AdminUpdateUser

Classes

AdminUpdateUserCommand

AdminUpdateUserCommandHandler

Class AdminUpdateUserCommand

Namespace: UserApi.Command.Admin.AdminUpdateUser

Assembly: UserApi.dll

```
public record AdminUpdateUserCommand : IRequest<AdminUserResponse>, IBaseRequest,
IEquatable<AdminUpdateUserCommand>
```

Inheritance

object ← AdminUpdateUserCommand

Implements

IRequest<AdminUserResponse>, IBaseRequest, IEquatable<AdminUpdateUserCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminUpdateUserCommand(AdminUserUpdateDataRequest)

```
public AdminUpdateUserCommand(AdminUserUpdateDataRequest Request)
```

Parameters

`Request` AdminUserUpdateDataRequest

Properties

Request

```
public AdminUserUpdateDataRequest Request { get; init; }
```

Property Value

AdminUserUpdateDataRequest

Class AdminUpdateUserCommandHandler

Namespace: UserApi.Command.Admin.AdminUpdateUser

Assembly: UserApi.dll

```
public class AdminUpdateUserCommandHandler : IRequestHandler<AdminUpdateUserCommand,
AdminUserResponse>
```

Inheritance

object ← AdminUpdateUserCommandHandler

Implements

IRequestHandler<AdminUpdateUserCommand, AdminUserResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminUpdateUserCommandHandler(IUserService, IMapper)

```
public AdminUpdateUserCommandHandler(IUserService userService, IMapper mapper)
```

Parameters

`userService` IUserService

`mapper` IMapper

Methods

Handle(AdminUpdateUserCommand, CancellationToken)

Handles a request

```
public Task<AdminUserResponse> Handle(AdminUpdateUserCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` AdminUpdateUserCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<AdminUserResponse>

Response from the request

Namespace UserApi.Command.Admin.GetPaginatedUserTotalAmount

Classes

GetPaginatedUserTotalAmountQuery

GetPaginatedUserTotalAmountQueryHandler

Class GetPaginatedUserTotalAmountQuery

Namespace: UserApi.Command.Admin.GetPaginatedUserTotalAmount

Assembly: UserApi.dll

```
public record GetPaginatedUserTotalAmountQuery : IRequest<int>, IBaseRequest,
IEquatable<GetPaginatedUserTotalAmountQuery>
```

Inheritance

object ← GetPaginatedUserTotalAmountQuery

Implements

IRequest<int>, IBaseRequest, IEquatable<GetPaginatedUserTotalAmountQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetPaginatedUserTotalAmountQuery(AdminGetUserFilter)

```
public GetPaginatedUserTotalAmountQuery(AdminGetUserFilter Filter)
```

Parameters

`Filter` AdminGetUserFilter

Properties

Filter

```
public AdminGetUserFilter Filter { get; init; }
```

Property Value

AdminGetUserFilter

Class GetPaginatedUserTotalAmountQueryHandler

Namespace: UserApi.Command.Admin.GetPaginatedUserTotalAmount

Assembly: UserApi.dll

```
public class GetPaginatedUserTotalAmountQueryHandler :
IRequestHandler<GetPaginatedUserTotalAmountQuery, int>
```

Inheritance

object ← GetPaginatedUserTotalAmountQueryHandler

Implements

IRequestHandler<GetPaginatedUserTotalAmountQuery, int>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetPaginatedUserTotalAmountQueryHandler(IUserService)

```
public GetPaginatedUserTotalAmountQueryHandler(IUserService userService)
```

Parameters

`userService` IUserService

Methods

Handle(GetPaginatedUserTotalAmountQuery, CancellationToken)

Handles a request

```
public Task<int> Handle(GetPaginatedUserTotalAmountQuery request,
CancellationToken cancellationToken)
```

Parameters

`request` GetPaginatedUserTotalAmountQuery

The request

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<int>

Response from the request

Namespace UserApi.Command.Admin.GetPaginatedUsers

Classes

GetPaginatedUsersQuery

GetPaginatedUsersQueryHandler

Class GetPaginatedUsersQuery

Namespace: UserApi.Command.Admin.GetPaginatedUsers

Assembly: UserApi.dll

```
public record GetPaginatedUsersQuery : IRequest<IEnumerable<AdminUserResponse>>,
IBaseRequest, IEquatable<GetPaginatedUsersQuery>
```

Inheritance

object ← GetPaginatedUsersQuery

Implements

IRequest<IEnumerable<AdminUserResponse>>, IBaseRequest, IEquatable<GetPaginatedUsersQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetPaginatedUsersQuery(AdminGetUserFilter)

```
public GetPaginatedUsersQuery(AdminGetUserFilter Filter)
```

Parameters

`Filter` AdminGetUserFilter

Properties

Filter

```
public AdminGetUserFilter Filter { get; init; }
```

Property Value

AdminGetUserFilter

Class GetPaginatedUsersQueryHandler

Namespace: UserApi.Command.Admin.GetPaginatedUsers

Assembly: UserApi.dll

```
public class GetPaginatedUsersQueryHandler : IRequestHandler<GetPaginatedUsersQuery,
IEnumerable<AdminUserResponse>>
```

Inheritance

object ← GetPaginatedUsersQueryHandler

Implements

IRequestHandler<GetPaginatedUsersQuery, IEnumerable<AdminUserResponse>>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetPaginatedUsersQueryHandler(IUserService, IMapper)

```
public GetPaginatedUsersQueryHandler(IUserService userService, IMapper mapper)
```

Parameters

`userService` IUserService

`mapper` IMapper

Methods

Handle(GetPaginatedUsersQuery, CancellationToken)

Handles a request

```
public Task<IEnumerable<AdminUserResponse>> Handle(GetPaginatedUsersQuery request,
CancellationToken cancellationToken)
```

Parameters

`request` GetPaginatedUsersQuery

The request

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<IEnumerable<AdminUserResponse>>

Response from the request

Namespace UserApi.Command.Admin.GetUserByInfo

Classes

GetUserByInfoQuery

GetUserByInfoQueryHandler

Class GetUserByInfoQuery

Namespace: UserApi.Command.Admin.GetUserByInfo

Assembly: UserApi.dll

```
public record GetUserByInfoQuery : IRequest<AdminUserResponse>, IBaseRequest,
IEquatable<GetUserByInfoQuery>
```

Inheritance

object ← GetUserByInfoQuery

Implements

IRequest<AdminUserResponse>, IBaseRequest, IEquatable<GetUserByInfoQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetUserByInfoQuery(string)

```
public GetUserByInfoQuery(string Info)
```

Parameters

`Info` string

Properties

Info

```
public string Info { get; init; }
```

Property Value

string

Class GetUserByInfoQueryHandler

Namespace: UserApi.Command.Admin.GetUserByInfo

Assembly: UserApi.dll

```
public class GetUserByInfoQueryHandler : IRequestHandler<GetUserByInfoQuery,
AdminUserResponse?>
```

Inheritance

object ← GetUserByInfoQueryHandler

Implements

IRequestHandler<GetUserByInfoQuery, AdminUserResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetUserByInfoQueryHandler(IUserService, IUserAuthenticationMethodService, IMapper)

```
public GetUserByInfoQueryHandler(IUserService userService,
IUserAuthenticationMethodService authMethodService, IMapper mapper)
```

Parameters

`userService` IUserService

`authMethodService` IUserAuthenticationMethodService

`mapper` IMapper

Methods

Handle(GetUserByInfoQuery, CancellationToken)

Handles a request

```
public Task<AdminUserResponse?> Handle(GetUserByInfoQuery command,
CancellationToken cancellationToken)
```

Parameters

`command` GetUserByInfoQuery

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<AdminUserResponse>

Response from the request

Namespace UserApi.Command.Client.DeleteUser

Classes

DeleteUserCommand

DeleteUserCommandHandler

Class DeleteUserCommand

Namespace: UserApi.Command.Client.DeleteUser

Assembly: UserApi.dll

```
public record DeleteUserCommand : IRequest<Unit>, IBaseRequest,
IEquatable<DeleteUserCommand>
```

Inheritance

object ← DeleteUserCommand

Implements

IRequest<Unit>, IBaseRequest, IEquatable<DeleteUserCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

DeleteUserCommand(ClaimsPrincipal)

```
public DeleteUserCommand(ClaimsPrincipal ClaimsPrincipal)
```

Parameters

`ClaimsPrincipal` ClaimsPrincipal

Properties

ClaimsPrincipal

```
public ClaimsPrincipal ClaimsPrincipal { get; init; }
```

Property Value

ClaimsPrincipal

Class DeleteUserCommandHandler

Namespace: UserApi.Command.Client.DeleteUser

Assembly: UserApi.dll

```
public class DeleteUserCommandHandler : IRequestHandler<DeleteUserCommand, Unit>
```

Inheritance

object ← DeleteUserCommandHandler

Implements

IRequestHandler<DeleteUserCommand, Unit>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

DeleteUserCommandHandler(IUserService)

```
public DeleteUserCommandHandler(IUserService userService)
```

Parameters

`userService` IUserService

Methods

Handle(DeleteUserCommand, CancellationToken)

Handles a request

```
public Task<Unit> Handle(DeleteUserCommand request, CancellationToken
cancellationToken)
```

Parameters

`request` DeleteUserCommand

The request

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<Unit>

Response from the request

Namespace UserApi.Command.Client.GetOAuthUrl

Classes

GetOAuthUrlQuery

GetOAuthUrlQueryHandler

Class GetOAuthUrlQuery

Namespace: UserApi.Command.Client.GetOAuthUrl

Assembly: UserApi.dll

```
public record GetOAuthUrlQuery : IRequest<GetOAuthUrlResponse>,
IBaseRequest, IEquatable<GetOAuthUrlQuery>
```

Inheritance

object ← GetOAuthUrlQuery

Implements

IRequest<GetOAuthUrlResponse>, IBaseRequest, IEquatable<GetOAuthUrlQuery>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetOAuthUrlQuery(GetOAuthUrlQueryParams)

```
public GetOAuthUrlQuery(GetOAuthUrlQueryParams QueryParams)
```

Parameters

`QueryParams` GetOAuthUrlQueryParams

Properties

QueryParams

```
public GetOAuthUrlQueryParams QueryParams { get; init; }
```

Property Value

GetOAuthUrlQueryParams

Class GetOAuthUrlQueryHandler

Namespace: UserApi.Command.Client.GetOAuthUrl

Assembly: UserApi.dll

```
public class GetOAuthUrlQueryHandler : IRequestHandler<GetOAuthUrlQuery,
GetOAuthUrlResponse>
```

Inheritance

object ← GetOAuthUrlQueryHandler

Implements

IRequestHandler<GetOAuthUrlQuery, GetOAuthUrlResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetOAuthUrlQueryHandler(Dictionary<OAuthLoginProvider, IOAuthService>)

```
public GetOAuthUrlQueryHandler(Dictionary<OAuthLoginProvider,
IOAuthService> oAuthServices)
```

Parameters

`oAuthServices` Dictionary<OAuthLoginProvider, IOAuthService>

Methods

Handle(GetOAuthUrlQuery, CancellationToken)

Handles a request

```
public Task<GetOAuthUrlResponse> Handle(GetOAuthUrlQuery request,
CancellationToken cancellationToken)
```

Parameters

`request` GetOAuthUrlQuery

The request

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<GetOAuthUrlResponse>

Response from the request

Namespace UserApi.Command.Client.LoginOAuth

Classes

LoginOAuthCommand

LoginOAuthCommandHandler

Class LoginOAuthCommand

Namespace: UserApi.Command.Client.LoginOAuth

Assembly: UserApi.dll

```
public record LoginOAuthCommand : IRequest<UserAuthenticationResponse>,
IBaseRequest, IEquatable<LoginOAuthCommand>
```

Inheritance

object ← LoginOAuthCommand

Implements

IRequest<UserAuthenticationResponse>, IBaseRequest, IEquatable<LoginOAuthCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LoginOAuthCommand(LoginOAuthRequest)

```
public LoginOAuthCommand(LoginOAuthRequest Request)
```

Parameters

`Request` LoginOAuthRequest

Properties

Request

```
public LoginOAuthRequest Request { get; init; }
```

Property Value

LoginOAuthRequest

Class LoginOAuthCommandHandler

Namespace: UserApi.Command.Client.LoginOAuth

Assembly: UserApi.dll

```
public class LoginOAuthCommandHandler : IRequestHandler<LoginOAuthCommand,
UserAuthenticationResponse>
```

Inheritance

object ← LoginOAuthCommandHandler

Implements

IRequestHandler<LoginOAuthCommand, UserAuthenticationResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LoginOAuthCommandHandler(Dictionary<OAuthLoginProvider, IOAuthService>, IAuthService, IUserService, ITokenService, IMapper)

```
public LoginOAuthCommandHandler(Dictionary<OAuthLoginProvider, IOAuthService>
oAuthServices, IAuthService authService, IUserService userService, ITokenService
tokenService, IMapper mapper)
```

Parameters

`oAuthServices` Dictionary<OAuthLoginProvider, IOAuthService>

`authService` IAuthService

`userService` IUserService

`tokenService` ITokenService

`mapper` IMapper

Methods

Handle(LoginOAuthCommand, CancellationToken)

Handles a request

```
public Task<UserAuthenticationResponse> Handle(LoginOAuthCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` LoginOAuthCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<UserAuthenticationResponse>

Response from the request

Namespace UserApi.Command.Client.LoginUser

Classes

LoginUserCommand

LoginUserCommandHandler

Class LoginUserCommand

Namespace: UserApi.Command.Client.LoginUser

Assembly: UserApi.dll

```
public record LoginUserCommand : IRequest<UserAuthenticationResponse>,
IBaseRequest, IEquatable<LoginUserCommand>
```

Inheritance

object ← LoginUserCommand

Implements

IRequest<UserAuthenticationResponse>, IBaseRequest, IEquatable<LoginUserCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LoginUserCommand(UserAuthenticationRequest)

```
public LoginUserCommand(UserAuthenticationRequest Request)
```

Parameters

`Request` UserAuthenticationRequest

Properties

Request

```
public UserAuthenticationRequest Request { get; init; }
```

Property Value

UserAuthenticationRequest

Class LoginUserCommandHandler

Namespace: UserApi.Command.Client.LoginUser

Assembly: UserApi.dll

```
public class LoginUserCommandHandler : IRequestHandler<LoginUserCommand,
UserAuthenticationResponse>
```

Inheritance

object ← LoginUserCommandHandler

Implements

IRequestHandler<LoginUserCommand, UserAuthenticationResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LoginUserCommandHandler(IAuthService, IUserService, IMapper)

```
public LoginUserCommandHandler(IAuthService authService, IUserService userService,
IMapper mapper)
```

Parameters

`authService` IAuthService

`userService` IUserService

`mapper` IMapper

Methods

Handle(LoginUserCommand, CancellationToken)

Handles a request

```
public Task<UserAuthenticationResponse> Handle(LoginUserCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` LoginUserCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<UserAuthenticationResponse>

Response from the request

Namespace UserApi.Command.Client.RefreshToken

Classes

RefreshTokenCommand

RefreshTokenCommandHandler

Class RefreshTokenCommand

Namespace: UserApi.Command.Client.RefreshToken

Assembly: UserApi.dll

```
public record RefreshTokenCommand : IRequest<AuthToken>, IBaseRequest,
IEquatable<RefreshTokenCommand>
```

Inheritance

object ← RefreshTokenCommand

Implements

IRequest<AuthToken>, IBaseRequest, IEquatable<RefreshTokenCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

RefreshTokenCommand(AuthToken)

```
public RefreshTokenCommand(AuthToken Request)
```

Parameters

`Request` AuthToken

Properties

Request

```
public AuthToken Request { get; init; }
```

Property Value

AuthToken

Class RefreshTokenCommandHandler

Namespace: UserApi.Command.Client.RefreshToken

Assembly: UserApi.dll

```
public class RefreshTokenCommandHandler : IRequestHandler<RefreshTokenCommand,
AuthToken>
```

Inheritance

object ← RefreshTokenCommandHandler

Implements

IRequestHandler<RefreshTokenCommand, AuthToken>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

RefreshTokenCommandHandler(IAuthService, IMapper)

```
public RefreshTokenCommandHandler(IAuthService authService, IMapper mapper)
```

Parameters

`authService` IAuthService

`mapper` IMapper

Methods

Handle(RefreshTokenCommand, CancellationToken)

Handles a request

```
public Task<AuthToken> Handle(RefreshTokenCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` RefreshTokenCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<AuthToken>

Response from the request

Namespace UserApi.Command.Client.RegisterUser

Classes

RegisterUserCommand

RegisterUserCommandHandler

Class RegisterUserCommand

Namespace: UserApi.Command.Client.RegisterUser

Assembly: UserApi.dll

```
public record RegisterUserCommand : IRequest<UserAuthenticationResponse>,
IBaseRequest, IEquatable<RegisterUserCommand>
```

Inheritance

object ← RegisterUserCommand

Implements

IRequest<UserAuthenticationResponse>, IBaseRequest, IEquatable<RegisterUserCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

RegisterUserCommand(UserRegistrationRequest)

```
public RegisterUserCommand(UserRegistrationRequest Request)
```

Parameters

`Request` UserRegistrationRequest

Properties

Request

```
public UserRegistrationRequest Request { get; init; }
```

Property Value

UserRegistrationRequest

Class RegisterUserCommandHandler

Namespace: UserApi.Command.Client.RegisterUser

Assembly: UserApi.dll

```
public class RegisterUserCommandHandler : IRequestHandler<RegisterUserCommand,
UserAuthenticationResponse>
```

Inheritance

object ← RegisterUserCommandHandler

Implements

IRequestHandler<RegisterUserCommand, UserAuthenticationResponse>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

RegisterUserCommandHandler(IAuthService, IUserService, IMapper)

```
public RegisterUserCommandHandler(IAuthService authService, IUserService
userService, IMapper mapper)
```

Parameters

`authService` IAuthService

`userService` IUserService

`mapper` IMapper

Methods

Handle(RegisterUserCommand, CancellationToken)

Handles a request

```
public Task<UserAuthenticationResponse> Handle(RegisterUserCommand command,
CancellationToken cancellationToken)
```

Parameters

`command` RegisterUserCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<UserAuthenticationResponse>

Response from the request

Namespace UserApi.Command.Client.UpdateUser

Classes

UpdateUserCommand

UpdateUserCommandHandler

Class UpdateUserCommand

Namespace: UserApi.Command.Client.UpdateUser

Assembly: UserApi.dll

```
public record UpdateUserCommand : IRequest<Unit>, IBaseRequest,
IEquatable<UpdateUserCommand>
```

Inheritance

object ← UpdateUserCommand

Implements

IRequest<Unit>, IBaseRequest, IEquatable<UpdateUserCommand>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateUserCommand(UserUpdateDataRequest, ClaimsPrincipal)

```
public UpdateUserCommand(UserUpdateDataRequest Request,
ClaimsPrincipal UserPricipal)
```

Parameters

`Request` UserUpdateDataRequest

`UserPricipal` ClaimsPrincipal

Properties

Request

```
public UserUpdateDataRequest Request { get; init; }
```

Property Value

UserUpdateDataRequest

UserPricipal

```
public ClaimsPrincipal UserPricipal { get; init; }
```

Property Value

ClaimsPrincipal

Class UpdateUserCommandHandler

Namespace: UserApi.Command.Client.UpdateUser

Assembly: UserApi.dll

```
public class UpdateUserCommandHandler : IRequestHandler<UpdateUserCommand, Unit>
```

Inheritance

object ← UpdateUserCommandHandler

Implements

IRequestHandler<UpdateUserCommand, Unit>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UpdateUserCommandHandler(IUserService, IMapper)

```
public UpdateUserCommandHandler(IUserService userService, IMapper mapper)
```

Parameters

`userService` IUserService

`mapper` IMapper

Methods

Handle(UpdateUserCommand, CancellationToken)

Handles a request

```
public Task<Unit> Handle(UpdateUserCommand command, CancellationToken
cancellationToken)
```

Parameters

`command` UpdateUserCommand

`cancellationToken` CancellationToken

Cancellation token

Returns

Task<Unit>

Response from the request

Namespace UserApi.Controllers

Classes

AuthController

UserController

Class AuthController

Namespace: UserApi.Controllers

Assembly: UserApi.dll

```
[ResponseCache(Duration = 3)]
[Route("auth")]
[ApiController]
public class AuthController : ControllerBase
```

Inheritance

object ← ControllerBase ← AuthController

Inherited Members

ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) , ControllerBase.Content(string) , ControllerBase.Content(string, string) , ControllerBase.Content(string, string, Encoding) , ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() , ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) , ControllerBase.RedirectPermanent(string) , ControllerBase.RedirectPreserveMethod(string) , ControllerBase.RedirectPermanentPreserveMethod(string) , ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) , ControllerBase.LocalRedirectPreserveMethod(string) , ControllerBase.LocalRedirectPermanentPreserveMethod(string) , ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) , ControllerBase.RedirectToAction(string, object) , ControllerBase.RedirectToAction(string, string) , ControllerBase.RedirectToAction(string, string, object) , ControllerBase.RedirectToAction(string, string, string) , ControllerBase.RedirectToAction(string, string, object, string) , ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) , ControllerBase.RedirectToActionPermanent(string) , ControllerBase.RedirectToActionPermanent(string, object) , ControllerBase.RedirectToActionPermanent(string, string) , ControllerBase.RedirectToActionPermanent(string, string, string) , ControllerBase.RedirectToActionPermanent(string, string, object) , ControllerBase.RedirectToActionPermanent(string, string, object, string) , ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) ,

ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,
ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,

ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,

ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) , ControllerBase.AcceptedAtRoute(string, object) , ControllerBase.AcceptedAtRoute(object, object) , ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() , ControllerBase.Challenge(params string[]) , ControllerBase.Challenge(AuthenticationProperties) , ControllerBase.Challenge(AuthenticationProperties, params string[]) , ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) , ControllerBase.Forbid(AuthenticationProperties) , ControllerBase.Forbid(AuthenticationProperties, params string[]) , ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) , ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) , ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) , ControllerBase.SignOut(params string[]) , ControllerBase.SignOut(AuthenticationProperties, params string[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) , ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryUpdateModelAsync(object, Type, string) , ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) , ControllerBase.TryValidateModel(object) , ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext , ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData , ControllerBase.ModelState , ControllerBase.ControllerContext , ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory , ControllerBase.Url , ControllerBase.ObjectValidator , ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AuthController(IMediator)

```
public AuthController(IMediator mediator)
```

Parameters

`mediator` IMediator

Methods

AdminRegister(AdminUserRegistrationRequest, CancellationToken)

```
[Authorize(Policy = "RequireAdminRole")]
[HttpPost("admin/register")]
public Task<ActionResult<AdminUserResponse>>
AdminRegister(AdminUserRegistrationRequest request, CancellationToken
cancellationToken)
```

Parameters

`request` AdminUserRegistrationRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<AdminUserResponse>>

GetOAuthUrl(GetOAuthUrlQueryParams, CancellationToken)

```
[HttpGet("oauth")]
public Task<ActionResult<GetOAuthUrlResponse>> GetOAuthUrl(GetOAuthUrlQueryParams
queryParams, CancellationToken cancellationToken)
```

Parameters

`queryParams` GetOAuthUrlQueryParams

`cancellationToken` CancellationToken

Returns

Task<ActionResult<GetOAuthUrlResponse>>

Login(UserAuthenticationRequest, CancellationToken)

```
[HttpPost("login")]
public Task<ActionResult<UserAuthenticationResponse>>
Login(UserAuthenticationRequest request, CancellationToken cancellationToken)
```

Parameters

`request` UserAuthenticationRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<UserAuthenticationResponse>>

LoginOAuth(LoginOAuthRequest, CancellationToken)

```
[HttpPost("oauth")]
public Task<ActionResult<UserAuthenticationResponse>> LoginOAuth(LoginOAuthRequest
request, CancellationToken cancellationToken)
```

Parameters

`request` LoginOAuthRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<UserAuthenticationResponse>>

Refresh(AuthToken, CancellationToken)

```
[HttpPost("refresh")]
public Task<ActionResult<AuthToken>> Refresh(AuthToken request,
CancellationToken cancellationToken)
```

Parameters

`request` AuthToken

`cancellationToken` CancellationToken

Returns

Task<ActionResult<AuthToken>>

Register(UserRegistrationRequest, CancellationToken)

```
[HttpPost("register")]
public Task<ActionResult<UserAuthenticationResponse>>
Register(UserRegistrationRequest request, CancellationToken cancellationToken)
```

Parameters

`request` UserRegistrationRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<UserAuthenticationResponse>>

Class UserController

Namespace: UserApi.Controllers

Assembly: UserApi.dll

```
[Route("user")]
[ApiController]
public class UserController : ControllerBase
```

Inheritance

object ← ControllerBase ← UserController

Inherited Members

ControllerBase.StatusCode(int) , ControllerBase.StatusCode(int, object) , ControllerBase.Content(string) , ControllerBase.Content(string, string) , ControllerBase.Content(string, string, Encoding) , ControllerBase.Content(string, MediaTypeHeaderValue) , ControllerBase.NoContent() , ControllerBase.Ok() , ControllerBase.Ok(object) , ControllerBase.Redirect(string) , ControllerBase.RedirectPermanent(string) , ControllerBase.RedirectPreserveMethod(string) , ControllerBase.RedirectPermanentPreserveMethod(string) , ControllerBase.LocalRedirect(string) , ControllerBase.LocalRedirectPermanent(string) , ControllerBase.LocalRedirectPreserveMethod(string) , ControllerBase.LocalRedirectPermanentPreserveMethod(string) , ControllerBase.RedirectToAction() , ControllerBase.RedirectToAction(string) , ControllerBase.RedirectToAction(string, object) , ControllerBase.RedirectToAction(string, string) , ControllerBase.RedirectToAction(string, string, object) , ControllerBase.RedirectToAction(string, string, string) , ControllerBase.RedirectToAction(string, string, object, string) , ControllerBase.RedirectToActionPreserveMethod(string, string, object, string) , ControllerBase.RedirectToActionPermanent(string) , ControllerBase.RedirectToActionPermanent(string, object) , ControllerBase.RedirectToActionPermanent(string, string) , ControllerBase.RedirectToActionPermanent(string, string, string) , ControllerBase.RedirectToActionPermanent(string, string, object) , ControllerBase.RedirectToActionPermanent(string, string, object, string) , ControllerBase.RedirectToActionPermanentPreserveMethod(string, string, object, string) , ControllerBase.RedirectToRoute(string) , ControllerBase.RedirectToRoute(object) ,

ControllerBase.RedirectToRoute(string, object) ,
ControllerBase.RedirectToRoute(string, string) ,
ControllerBase.RedirectToRoute(string, object, string) ,
ControllerBase.RedirectToRoutePreserveMethod(string, object, string) ,
ControllerBase.RedirectToRoutePermanent(string) ,
ControllerBase.RedirectToRoutePermanent(object) ,
ControllerBase.RedirectToRoutePermanent(string, object) ,
ControllerBase.RedirectToRoutePermanent(string, string) ,
ControllerBase.RedirectToRoutePermanent(string, object, string) ,
ControllerBase.RedirectToRoutePermanentPreserveMethod(string, object, string) ,
ControllerBase.RedirectToPage(string) , ControllerBase.RedirectToPage(string, object) ,
ControllerBase.RedirectToPage(string, string) ,
ControllerBase.RedirectToPage(string, string, object) ,
ControllerBase.RedirectToPage(string, string, string) ,
ControllerBase.RedirectToPage(string, string, object, string) ,
ControllerBase.RedirectToPagePermanent(string) ,
ControllerBase.RedirectToPagePermanent(string, object) ,
ControllerBase.RedirectToPagePermanent(string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, string) ,
ControllerBase.RedirectToPagePermanent(string, string, object, string) ,
ControllerBase.RedirectToPagePreserveMethod(string, string, object, string) ,
ControllerBase.RedirectToPagePermanentPreserveMethod(string, string, object, string) ,
ControllerBase.File(byte[], string) , ControllerBase.File(byte[], string, bool) ,
ControllerBase.File(byte[], string, string) ,
ControllerBase.File(byte[], string, string, bool) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(byte[], string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string) , ControllerBase.File(Stream, string, bool) ,
ControllerBase.File(Stream, string, string) ,
ControllerBase.File(Stream, string, string, bool) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.File(string, string) , ControllerBase.File(string, string, bool) ,
ControllerBase.File(string, string, string) , ControllerBase.File(string, string, string, bool) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,

ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.File(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string) ,
ControllerBase.PhysicalFile(string, string, bool) ,
ControllerBase.PhysicalFile(string, string, string) ,
ControllerBase.PhysicalFile(string, string, string, bool) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue) ,
ControllerBase.PhysicalFile(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool) ,
ControllerBase.Unauthorized() , ControllerBase.Unauthorized(object) ,
ControllerBase.NotFound() , ControllerBase.NotFound(object) ,
ControllerBase.BadRequest() , ControllerBase.BadRequest(object) ,
ControllerBase.BadRequest(ModelStateDictionary) ,
ControllerBase.UnprocessableEntity() , ControllerBase.UnprocessableEntity(object) ,
ControllerBase.UnprocessableEntity(ModelStateDictionary) , ControllerBase.Conflict() ,
ControllerBase.Conflict(object) , ControllerBase.Conflict(ModelStateDictionary) ,
ControllerBase.Problem(string, string, int?, string, string) ,
ControllerBase.ValidationProblem(ValidationProblemDetails) ,
ControllerBase.ValidationProblem(ModelStateDictionary) ,
ControllerBase.ValidationProblem() ,
ControllerBase.ValidationProblem(string, string, int?, string, string, ModelStateDictionary)
,
ControllerBase.Created() , ControllerBase.Created(string, object) ,
ControllerBase.Created(Uri, object) , ControllerBase.CreatedAtAction(string, object) ,
ControllerBase.CreatedAtAction(string, object, object) ,
ControllerBase.CreatedAtAction(string, string, object, object) ,
ControllerBase.CreatedAtRoute(string, object) ,
ControllerBase.CreatedAtRoute(object, object) ,
ControllerBase.CreatedAtRoute(string, object, object) , ControllerBase.Accepted() ,
ControllerBase.Accepted(object) , ControllerBase.Accepted(Uri) ,
ControllerBase.Accepted(string) , ControllerBase.Accepted(string, object) ,
ControllerBase.Accepted(Uri, object) , ControllerBase.AcceptedAtAction(string) ,
ControllerBase.AcceptedAtAction(string, string) ,
ControllerBase.AcceptedAtAction(string, object) ,
ControllerBase.AcceptedAtAction(string, string, object) ,
ControllerBase.AcceptedAtAction(string, object, object) ,
ControllerBase.AcceptedAtAction(string, string, object, object) ,
ControllerBase.AcceptedAtRoute(object) , ControllerBase.AcceptedAtRoute(string) ,

ControllerBase.AcceptedAtRoute(string, object) ,
ControllerBase.AcceptedAtRoute(object, object) ,
ControllerBase.AcceptedAtRoute(string, object, object) , ControllerBase.Challenge() ,
ControllerBase.Challenge(params string[]) ,
ControllerBase.Challenge(AuthenticationProperties) ,
ControllerBase.Challenge(AuthenticationProperties, params string[]) ,
ControllerBase.Forbid() , ControllerBase.Forbid(params string[]) ,
ControllerBase.Forbid(AuthenticationProperties) ,
ControllerBase.Forbid(AuthenticationProperties, params string[]) ,
ControllerBase.SignIn(ClaimsPrincipal) , ControllerBase.SignIn(ClaimsPrincipal, string) ,
ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties) ,
ControllerBase.SignIn(ClaimsPrincipal, AuthenticationProperties, string) ,
ControllerBase.SignOut() , ControllerBase.SignOut(AuthenticationProperties) ,
ControllerBase.SignOut(params string[]) ,
ControllerBase.SignOut(AuthenticationProperties, params string[]) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, params Expression<Func<TModel, object>>[]) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, Func<ModelMetadata, bool>) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, params Expression<Func<TModel, object>>[]) ,
ControllerBase.TryUpdateModelAsync<TModel>(TModel, string, IValueProvider, Func<ModelMetadata, bool>) ,
ControllerBase.TryUpdateModelAsync(object, Type, string) ,
ControllerBase.TryUpdateModelAsync(object, Type, string, IValueProvider, Func<ModelMetadata, bool>) ,
ControllerBase.TryValidateModel(object) ,
ControllerBase.TryValidateModel(object, string) , ControllerBase.HttpContext ,
ControllerBase.Request , ControllerBase.Response , ControllerBase.RouteData ,
ControllerBase.ModelState , ControllerBase.ControllerContext ,
ControllerBase.MetadataProvider , ControllerBase.ModelBinderFactory ,
ControllerBase.Url , ControllerBase.ObjectValidator ,
ControllerBase.ProblemDetailsFactory , ControllerBase.User , ControllerBase.Empty ,
object.Equals(object) , object.Equals(object, object) , object.GetHashCode() ,
object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) ,
object.ToString()

Constructors

UserController(IMediator)

```
public UserController(IMediator mediator)
```

Parameters

`mediator` IMediator

Methods

AdminDeleteUser(string, CancellationToken)

```
[Authorize(Policy = "RequireAdminRole")]
[HttpDelete("admin/delete/{info}")]
public Task<IActionResult> AdminDeleteUser(string info, CancellationToken
cancellationToken)
```

Parameters

`info` string

`cancellationToken` CancellationToken

Returns

Task<IActionResult>

AdminGetPaginatedUserAmount(AdminGetUserFilter, CancellationToken)

```
[Authorize(Policy = "RequireAdminRole")]
[HttpPost("admin/users/amount")]
public Task<ActionResult<int>> AdminGetPaginatedUserAmount(AdminGetUserFilter
request, CancellationToken cancellationToken)
```

Parameters

`request` AdminGetUserFilter

`cancellationToken` CancellationToken

Returns

Task<ActionResult<int>>

AdminGetPaginatedUsers(AdminGetUserFilter, CancellationToken)

```
[Authorize(Policy = "RequireAdminRole")]
[HttpPost("admin/users")]
public Task<ActionResult<IEnumerable<AdminUserResponse>>>
AdminGetPaginatedUsers(AdminGetUserFilter request, CancellationToken
cancellationToken)
```

Parameters

`request` AdminGetUserFilter

`cancellationToken` CancellationToken

Returns

Task<ActionResult<IEnumerable<AdminUserResponse>>>

AdminGetUser(string, CancellationToken)

```
[Authorize(Policy = "RequireAdminRole")]
[HttpGet("admin/users/{info}")]
public Task<ActionResult<AdminUserResponse>> AdminGetUser(string info,
CancellationToken cancellationToken)
```

Parameters

`info` string

`cancellationToken` CancellationToken

Returns

Task<ActionResult<AdminUserResponse>>

AdminUpdate(AdminUserUpdateDataRequest, CancellationToken)

```
[Authorize(Policy = "RequireAdminRole")]
[HttpPut("admin/update")]
public Task<ActionResult<AdminUserResponse>> AdminUpdate(AdminUserUpdateDataRequest
request, CancellationToken cancellationToken)
```

Parameters

`request` AdminUserUpdateDataRequest

`cancellationToken` CancellationToken

Returns

Task<ActionResult<AdminUserResponse>>

DeleteUser(CancellationToken)

```
[Authorize(Policy = "RequireClientRole")]
[HttpDelete]
public Task<IActionResult> DeleteUser(CancellationToken cancellationToken)
```

Parameters

`cancellationToken` CancellationToken

Returns

Task<IActionResult>

Update(UserUpdateDataRequest, CancellationToken)

```
[Authorize(Policy = "RequireClientRole")]
[HttpPut("update")]
public Task<IActionResult> Update(UserUpdateDataRequest request,
CancellationToken cancellationToken)
```

Parameters

`request` UserUpdateDataRequest

`cancellationToken` CancellationToken

Returns

Task<IActionResult>

Namespace UserApi.Domain.Dtos

Classes

AdminGetUserFilter

ContainsInfo - login, username, email, id, etc...

AuthToken

Class AdminGetUserFilter

Namespace: UserApi.Domain.Dtos

Assembly: UserApi.dll

ContainsInfo - login, username, email, id, etc...

```
public class AdminGetUserFilter : PaginationRequest
```

Inheritance

object ← PaginationRequest ← AdminGetUserFilter

Inherited Members

PaginationRequest.PageNumber , PaginationRequest.PageSize , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ContainsInfo

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

Property Value

string

Class AuthToken

Namespace: UserApi.Domain.Dtos

Assembly: UserApi.dll

```
public class AuthToken
```

Inheritance

object ← AuthToken

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AccessToken

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

Property Value

string

RefreshToken

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

Property Value

string

RefreshTokenExpiryDate

```
public DateTime RefreshTokenExpiryDate { get; set; }
```

Property Value

DateTime

Namespace UserApi.Domain.Dtos.Requests

Classes

AdminUserRegistrationRequest

AdminUserUpdateDataRequest

GetOAuthUrlQueryParams

LoginOAuthRequest

UserAuthenticationRequest

UserRegistrationRequest

UserUpdateDataRequest

Class AdminUserRegistrationRequest

Namespace: UserApi.Domain.Dtos.Requests

Assembly: UserApi.dll

```
public class AdminUserRegistrationRequest
```

Inheritance

object ← AdminUserRegistrationRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ConfirmPassword

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

Property Value

string

Email

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

Property Value

string

Password

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

Property Value

string

Roles

```
public List<string> Roles { get; set; }
```

Property Value

List<string>

Class AdminUserUpdateDataRequest

Namespace: UserApi.Domain.Dtos.Requests

Assembly: UserApi.dll

```
public class AdminUserUpdateDataRequest
```

Inheritance

object ← AdminUserUpdateDataRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ConfirmPassword

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

Property Value

string

CurrentLogin

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

Property Value

string

Email

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

Property Value

string

Password

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

Property Value

string

Roles

```
public List<string> Roles { get; set; }
```

Property Value

List<string>

Class GetOAuthUrlQueryParams

Namespace: UserApi.Domain.Dtos.Requests

Assembly: UserApi.dll

```
public class GetOAuthUrlQueryParams
```

Inheritance

object ← GetOAuthUrlQueryParams

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

CodeVerifier

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

Property Value

string

OAuthLoginProvider

```
public OAuthLoginProvider OAuthLoginProvider { get; set; }
```

Property Value

OAuthLoginProvider

RedirectUrl

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

Property Value

string

Class LoginOAuthRequest

Namespace: UserApi.Domain.Dtos.Requests

Assembly: UserApi.dll

```
public class LoginOAuthRequest
```

Inheritance

object ← LoginOAuthRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Code

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

Property Value

string

CodeVerifier

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

Property Value

string

OAuthLoginProvider

```
public OAuthLoginProvider OAuthLoginProvider { get; set; }
```

Property Value

OAuthLoginProvider

RedirectUrl

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

Property Value

string

Class UserAuthenticationRequest

Namespace: UserApi.Domain.Dtos.Requests

Assembly: UserApi.dll

```
public class UserAuthenticationRequest
```

Inheritance

object ← UserAuthenticationRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Login

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

Property Value

string

Password

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

Property Value

string

Class UserRegistrationRequest

Namespace: UserApi.Domain.Dtos.Requests

Assembly: UserApi.dll

```
public class UserRegistrationRequest
```

Inheritance

object ← UserRegistrationRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ConfirmPassword

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

Property Value

string

Email

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

Property Value

string

Password

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

Property Value

string

Class UserUpdateDataRequest

Namespace: UserApi.Domain.Dtos.Requests

Assembly: UserApi.dll

```
public class UserUpdateDataRequest
```

Inheritance

object ← UserUpdateDataRequest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Email

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

Property Value

string

OldPassword

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

Property Value

string

Password

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

Property Value

string

Namespace UserApi.Domain.Dtos.Responses

Classes

AdminUserResponse

GetOAuthUrlResponse

UserAuthenticationResponse

Class AdminUserResponse

Namespace: UserApi.Domain.Dtos.Responses

Assembly: UserApi.dll

```
public class AdminUserResponse
```

Inheritance

object ← AdminUserResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AuthenticationMethods

```
public List<AuthenticationMethod> AuthenticationMethods { get; set; }
```

Property Value

List<AuthenticationMethod>

Email

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

Property Value

string

Id

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

Property Value

string

RegistredAtUtc

```
public DateTime RegistredAtUtc { get; set; }
```

Property Value

DateTime

Roles

```
public List<string> Roles { get; set; }
```

Property Value

List<string>

UpdatedAtUtc

```
public DateTime UpdatedAtUtc { get; set; }
```

Property Value

DateTime

UserName

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

Property Value

string

Class GetOAuthUrlResponse

Namespace: UserApi.Domain.Dtos.Responses

Assembly: UserApi.dll

```
public class GetOAuthUrlResponse
```

Inheritance

object ← GetOAuthUrlResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Url

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

Property Value

string

Class UserAuthenticationResponse

Namespace: UserApi.Domain.Dtos.Responses

Assembly: UserApi.dll

```
public class UserAuthenticationResponse
```

Inheritance

object ← UserAuthenticationResponse

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AuthToken

```
public AuthToken AuthToken { get; set; }
```

Property Value

AuthToken

Email

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

Property Value

string

Roles

```
public List<string> Roles { get; set; }
```

Property Value

List<string>

Namespace UserApi.Domain.Models

Classes

CreateUserFromOAuth

UserUpdateData

Class CreateUserFromOAuth

Namespace: UserApi.Domain.Models

Assembly: UserApi.dll

```
public class CreateUserFromOAuth
```

Inheritance

object ← CreateUserFromOAuth

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AuthMethod

```
public AuthenticationMethod AuthMethod { get; set; }
```

Property Value

AuthenticationMethod

Email

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

Property Value

string

LoginProviderSubject

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

Property Value

string

Class UserUpdateData

Namespace: UserApi.Domain.Models

Assembly: UserApi.dll

```
public class UserUpdateData
```

Inheritance

object ← UserUpdateData

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Email

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

Property Value

string

OldPassword

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

Property Value

string

Password

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

Property Value

string

UserName

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

Property Value

string

Namespace UserApi.Migrations

Classes

InitialMigration

A base class inherited by each EF Core migration.

Class InitialMigration

Namespace: UserApi.Migrations

Assembly: UserApi.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(UserIdentityDbContext))]
[Migration("20241024130709_InitialMigration")]
public class InitialMigration : Migration
```

Inheritance

object ← Migration ← InitialMigration

Inherited Members

Migration.InitialDatabase , Migration.TargetModel , Migration.UpOperations , Migration.DownOperations , Migration.ActiveProvider , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Remarks

See Database migrations for more information and examples.

Methods

BuildTargetModel(ModelBuilder)

Implemented to build the TargetModel.

```
protected override void BuildTargetModel(ModelBuilder modelBuilder)
```

Parameters

`modelBuilder` ModelBuilder

The ModelBuilder to use to build the model.

Remarks

See Database migrations for more information and examples.

Down(MigrationBuilder)

Builds the operations that will migrate the database 'down'.

```
protected override void Down(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by this migration so that it returns to the state that it was in before this migration was applied.

This method must be overridden in each class that inherits from Migration if both 'up' and 'down' migrations are to be supported. If it is not overridden, then calling it will throw and it will not be possible to migrate in the 'down' direction.

See Database migrations for more information and examples.

Up(MigrationBuilder)

Builds the operations that will migrate the database 'up'.

```
protected override void Up(MigrationBuilder migrationBuilder)
```

Parameters

`migrationBuilder` MigrationBuilder

The MigrationBuilder that will build the operations.

Remarks

That is, builds the operations that will take the database from the state left in by the previous migration so that it is up-to-date with regard to this migration.

This method must be overridden in each class that inherits from Migration.

See Database migrations for more information and examples.

Namespace UserApi.Services

Classes

TokenService

UserAuthenticationMethodService

UserService

Interfaces

ITokenService

IUserAuthenticationMethodService

IUserService

Interface ITokenService

Namespace: UserApi.Services

Assembly: UserApi.dll

```
public interface ITokenService
```

Methods

CreateNewTokenDataAsync(User, DateTime, CancellationToken)

```
Task<AccessTokenData> CreateNewTokenDataAsync(User user, DateTime
refreshTokenExpiryDate, CancellationToken cancellationToken)
```

Parameters

`user` User

`refreshTokenExpiryDate` DateTime

`cancellationToken` CancellationToken

Returns

Task<AccessTokenData>

GetPrincipalFromToken(string)

```
ClaimsPrincipal GetPrincipalFromToken(string token)
```

Parameters

`token` string

Returns

ClaimsPrincipal

SetRefreshTokenAsync(User, AccessTokenData, CancellationToken)

```
Task SetRefreshTokenAsync(User user, AccessTokenData accessTokenData,
CancellationToken cancellationToken)
```

Parameters

`user` User

`accessTokenData` AccessTokenData

`cancellationToken` CancellationToken

Returns

Task

Interface IUserAuthenticationMethodService

Namespace: UserApi.Services

Assembly: UserApi.dll

```
public interface IUserAuthenticationMethodService
```

Methods

GetUserAuthenticationMethodsAsync(User, CancellationToken)

```
Task<List<AuthenticationMethod>> GetUserAuthenticationMethodsAsync(User user,
CancellationToken cancellationToken)
```

Parameters

`user` User

`cancellationToken` CancellationToken

Returns

Task<List<AuthenticationMethod>>

SetUserAuthenticationMethodAsync(User, AuthenticationMethod, CancellationToken)

```
Task SetUserAuthenticationMethodAsync(User user, AuthenticationMethod method,
CancellationToken cancellationToken)
```

Parameters

`user` User

`method` AuthenticationMethod

`cancellationToken` CancellationToken

Returns

Task

Interface IUserService

Namespace: UserApi.Services

Assembly: UserApi.dll

```
public interface IUserService
```

Methods

DeleteUserAsync(User, CancellationToken)

```
Task<IdentityResult> DeleteUserAsync(User user, CancellationToken cancellationToken)
```

Parameters

`user` User

`cancellationToken` CancellationToken

Returns

Task<IdentityResult>

GetPaginatedUsersAsync(AdminGetUserFilter, CancellationToken)

```
Task<IEnumerable<User>> GetPaginatedUsersAsync(AdminGetUserFilter filter,
CancellationToken cancellationToken)
```

Parameters

`filter` AdminGetUserFilter

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<User>>

GetUserAsync(ClaimsPrincipal, CancellationToken)

```
Task<User?> GetUserAsync(ClaimsPrincipal principal, CancellationToken
cancellationToken)
```

Parameters

`principal` ClaimsPrincipal

`cancellationToken` CancellationToken

Returns

Task<User>

GetUserByUserInfoAsync(string, CancellationToken)

Get a user by any information about him.

```
Task<User?> GetUserByUserInfoAsync(string info, CancellationToken cancellationToken)
```

Parameters

`info` string

Login, Name, Email, Id, etc...

`cancellationToken` CancellationToken

Returns

Task<User>

GetUserRolesAsync(User, CancellationToken)

```
Task<List<string>> GetUserRolesAsync(User user, CancellationToken cancellationToken)
```

Parameters

`user` User

`cancellationToken` CancellationToken

Returns

Task<List<string>>

GetUserTotalAmountAsync(AdminGetUserFilter, CancellationToken)

```
Task<int> GetUserTotalAmountAsync(AdminGetUserFilter filter,
CancellationToken cancellationToken)
```

Parameters

`filter` AdminGetUserFilter

`cancellationToken` CancellationToken

Returns

Task<int>

SetUserRolesAsync(User, List<string>, CancellationToken)

```
Task<List<IdentityError>> SetUserRolesAsync(User user, List<string> roles,
CancellationToken cancellationToken)
```

Parameters

`user` User

`roles` List<string>

`cancellationToken` CancellationToken

Returns

Task<List<IdentityError>>

UpdateUserAsync(User, UserUpdateData, bool, CancellationToken)

```
Task<List<IdentityError>> UpdateUserAsync(User user, UserUpdateData updateData, bool
resetPassword, CancellationToken cancellationToken)
```

Parameters

`user` User

`updateData` UserUpdateData

`resetPassword` bool

`cancellationToken` CancellationToken

Returns

Task<List<IdentityError>>

Class TokenService

Namespace: UserApi.Services

Assembly: UserApi.dll

```
public class TokenService : ITokenService
```

Inheritance

object ← TokenService

Implements

ITokenService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

TokenService(ITokenHandler, UserManager<User>)

```
public TokenService(ITokenHandler tokenHandler, UserManager<User> userManager)
```

Parameters

`tokenHandler` ITokenHandler

`userManager` UserManager<User>

Methods

CreateNewTokenDataAsync(User, DateTime, CancellationToken)

```
public Task<AccessTokenData> CreateNewTokenDataAsync(User user, DateTime
refreshTokenExpiryDate, CancellationToken cancellationToken)
```

Parameters

`user` User

`refreshTokenExpiryDate` DateTime

`cancellationToken` CancellationToken

Returns

Task<AccessTokenData>

GetPrincipalFromToken(string)

```
public ClaimsPrincipal GetPrincipalFromToken(string token)
```

Parameters

`token` string

Returns

ClaimsPrincipal

SetRefreshTokenAsync(User, AccessTokenData, CancellationToken)

```
public Task SetRefreshTokenAsync(User user, AccessTokenData accessTokenData,
CancellationToken cancellationToken)
```

Parameters

`user` User

`accessTokenData` AccessTokenData

`cancellationToken` CancellationToken

Returns

Task

Class UserAuthenticationMethodService

Namespace: UserApi.Services

Assembly: UserApi.dll

```
public class UserAuthenticationMethodService : IUserAuthenticationMethodService
```

Inheritance

object ← UserAuthenticationMethodService

Implements

IUserAuthenticationMethodService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UserAuthenticationMethodService(IDatabaseRepository<UserIdentityDbContext>)

```
public UserAuthenticationMethodService(IDatabaseRepository<UserIdentityDbContext>
databaseRepository)
```

Parameters

`databaseRepository` IDatabaseRepository<UserIdentityDbContext>

Methods

GetUserAuthenticationMethodsAsync(User, CancellationToken)

```
public Task<List<AuthenticationMethod>> GetUserAuthenticationMethodsAsync(User user,
CancellationToken cancellationToken)
```

Parameters

`user` User

`cancellationToken` CancellationToken

Returns

Task<List<AuthenticationMethod>>

SetUserAuthenticationMethodAsync(User, AuthenticationMethod, CancellationToken)

```
public Task SetUserAuthenticationMethodAsync(User user, AuthenticationMethod method,
CancellationToken cancellationToken)
```

Parameters

`user` User

`method` AuthenticationMethod

`cancellationToken` CancellationToken

Returns

Task

Class UserService

Namespace: UserApi.Services

Assembly: UserApi.dll

```
public class UserService : IUserService
```

Inheritance

object ← UserService

Implements

IUserService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UserService(UserManager<User>, RoleManager<IdentityRole>)

```
public UserService(UserManager<User> userManager, RoleManager<IdentityRole>
roleManager)
```

Parameters

`userManager` UserManager<User>

`roleManager` RoleManager<IdentityRole>

Methods

DeleteUserAsync(User, CancellationToken)

```
public Task<IdentityResult> DeleteUserAsync(User user, CancellationToken
cancellationToken)
```

Parameters

`user` User

`cancellationToken` CancellationToken

Returns

Task<IdentityResult>

GetPaginatedUsersAsync(AdminGetUserFilter, CancellationToken)

```
public Task<IEnumerable<User>> GetPaginatedUsersAsync(AdminGetUserFilter filter,
CancellationToken cancellationToken)
```

Parameters

`filter` AdminGetUserFilter

`cancellationToken` CancellationToken

Returns

Task<IEnumerable<User>>

GetUserAsync(ClaimsPrincipal, CancellationToken)

```
public Task<User?> GetUserAsync(ClaimsPrincipal principal,
CancellationToken cancellationToken)
```

Parameters

`principal` ClaimsPrincipal

`cancellationToken` CancellationToken

Returns

Task<User>

GetUserByUserInfoAsync(string, CancellationToken)

Get a user by any information about him.

```
public Task<User?> GetUserByUserInfoAsync(string info, CancellationToken
cancellationToken)
```

Parameters

`info` string

Login, Name, Email, Id, etc...

`cancellationToken` CancellationToken

Returns

Task<User>

GetUserRolesAsync(User, CancellationToken)

```
public Task<List<string>> GetUserRolesAsync(User user, CancellationToken
cancellationToken)
```

Parameters

`user` User

`cancellationToken` CancellationToken

Returns

Task<List<string>>

GetUserTotalAmountAsync(AdminGetUserFilter, CancellationToken)

```
public Task<int> GetUserTotalAmountAsync(AdminGetUserFilter filter,
CancellationToken cancellationToken)
```

Parameters

`filter` AdminGetUserFilter

`cancellationToken` CancellationToken

Returns

Task<int>

SetUserRolesAsync(User, List<string>, CancellationToken)

```
public Task<List<IdentityError>> SetUserRolesAsync(User user, List<string> roles,
CancellationToken cancellationToken)
```

Parameters

`user` User

`roles` List<string>

`cancellationToken` CancellationToken

Returns

Task<List<IdentityError>>

UpdateUserAsync(User, UserUpdateData, bool, CancellationToken)

```
public Task<List<IdentityError>> UpdateUserAsync(User user, UserUpdateData
updateData, bool resetPassword, CancellationToken cancellationToken)
```

Parameters

`user` User

`updateData` UserUpdateData

`resetPassword` bool

`cancellationToken` CancellationToken

Returns

Task<List<IdentityError>>

Namespace UserApi.Services.Auth

Classes

AuthService

LoginUserParams

RegisterUserParams

Interfaces

IAuthService

Class AuthService

Namespace: UserApi.Services.Auth

Assembly: UserApi.dll

```
public class AuthService : IAuthService
```

Inheritance

object ← AuthService

Implements

IAuthService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AuthService(UserManager<User>, ITokenService, IUserAuthenticationMethodService, IConfiguration)

```
public AuthService(UserManager<User> userManager, ITokenService tokenService,
IUserAuthenticationMethodService authMethodService, IConfiguration configuration)
```

Parameters

`userManager` UserManager<User>

`tokenService` ITokenService

`authMethodService` IUserAuthenticationMethodService

`configuration` IConfiguration

Methods

LoginUserAsync(LoginUserParams, CancellationToken)

```
public Task<AccessTokenData> LoginUserAsync(LoginUserParams loginParams,
CancellationToken cancellationToken)
```

Parameters

`loginParams` LoginUserParams

`cancellationToken` CancellationToken

Returns

Task<AccessTokenData>

RefreshTokenAsync(AccessTokenData, CancellationToken)

```
public Task<AccessTokenData> RefreshTokenAsync(AccessTokenData accessTokenData,
CancellationToken cancellationToken)
```

Parameters

`accessTokenData` AccessTokenData

`cancellationToken` CancellationToken

Returns

Task<AccessTokenData>

RegisterUserAsync(RegisterUserParams, CancellationToken)

```
public Task<IdentityResult> RegisterUserAsync(RegisterUserParams registerParams,
CancellationToken cancellationToken)
```

Parameters

`registerParams` RegisterUserParams

`cancellationToken` CancellationToken

Returns

Task<IdentityResult>

Interface IAuthService

Namespace: UserApi.Services.Auth

Assembly: UserApi.dll

```
public interface IAuthService
```

Methods

LoginUserAsync(LoginUserParams, CancellationToken)

```
Task<AccessTokenData> LoginUserAsync(LoginUserParams loginParams,
CancellationToken cancellationToken)
```

Parameters

`loginParams` LoginUserParams

`cancellationToken` CancellationToken

Returns

Task<AccessTokenData>

RefreshTokenAsync(AccessTokenData, CancellationToken)

```
Task<AccessTokenData> RefreshTokenAsync(AccessTokenData accessTokenData,
CancellationToken cancellationToken)
```

Parameters

`accessTokenData` AccessTokenData

`cancellationToken` CancellationToken

Returns

Task<AccessTokenData>

RegisterUserAsync(RegisterUserParams, CancellationToken)

```
Task<IdentityResult> RegisterUserAsync(RegisterUserParams registerParams,
CancellationToken cancellationToken)
```

Parameters

`registerParams` RegisterUserParams

`cancellationToken` CancellationToken

Returns

Task<IdentityResult>

Class LoginUserParams

Namespace: UserApi.Services.Auth

Assembly: UserApi.dll

```
public record LoginUserParams : IEquatable<LoginUserParams>
```

Inheritance

object ← LoginUserParams

Implements

IEquatable<LoginUserParams>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LoginUserParams(string, string)

```
public LoginUserParams(string Login, string Password)
```

Parameters

`Login` string

`Password` string

Properties

Login

```
public string Login { get; init; }
```

Property Value

string

Password

```
public string Password { get; init; }
```

Property Value

string

Class RegisterUserParams

Namespace: UserApi.Services.Auth

Assembly: UserApi.dll

```
public record RegisterUserParams : IEquatable<RegisterUserParams>
```

Inheritance

object ← RegisterUserParams

Implements

IEquatable<RegisterUserParams>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

RegisterUserParams(User, string)

```
public RegisterUserParams(User User, string Password)
```

Parameters

`User` User

`Password` string

Properties

Password

```
public string Password { get; init; }
```

Property Value

string

User

```
public User User { get; init; }
```

Property Value

User

Namespace UserApi.Services.OAuth

Classes

GenerateOAuthRequestUrlParams

GetAccessOnCodeParams

UserOAuthCreationService

Interfaces

IOAuthService

IUserOAuthCreationService

Class GenerateOAuthRequestUrlParams

Namespace: UserApi.Services.OAuth

Assembly: UserApi.dll

```
public record GenerateOAuthRequestUrlParams :
IEquatable<GenerateOAuthRequestUrlParams>
```

Inheritance

object ← GenerateOAuthRequestUrlParams

Implements

IEquatable<GenerateOAuthRequestUrlParams>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GenerateOAuthRequestUrlParams(string, string)

```
public GenerateOAuthRequestUrlParams(string RedirectUrl, string CodeVerifier)
```

Parameters

`RedirectUrl` string

`CodeVerifier` string

Properties

CodeVerifier

```
public string CodeVerifier { get; init; }
```

Property Value

string

RedirectUrl

```
public string RedirectUrl { get; init; }
```

Property Value

string

Class GetAccessOnCodeParams

Namespace: UserApi.Services.OAuth

Assembly: UserApi.dll

```
public record GetAccessOnCodeParams : IEquatable<GetAccessOnCodeParams>
```

Inheritance

object ← GetAccessOnCodeParams

Implements

IEquatable<GetAccessOnCodeParams>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GetAccessOnCodeParams(string, string, string)

```
public GetAccessOnCodeParams(string Code, string CodeVerifier, string RedirectUrl)
```

Parameters

`Code` string

`CodeVerifier` string

`RedirectUrl` string

Properties

Code

```
public string Code { get; init; }
```

Property Value

string

CodeVerifier

```
public string CodeVerifier { get; init; }
```

Property Value

string

RedirectUrl

```
public string RedirectUrl { get; init; }
```

Property Value

string

Interface IOAuthService

Namespace: UserApi.Services.OAuth

Assembly: UserApi.dll

```
public interface IOAuthService
```

Methods

GenerateOAuthRequestUrl(GenerateOAuthRequestUrlParams)

```
string GenerateOAuthRequestUrl(GenerateOAuthRequestUrlParams generateUrlParams)
```

Parameters

`generateUrlParams` GenerateOAuthRequestUrlParams

Returns

string

GetAccessOnCodeAsync(GetAccessOnCodeParams, CancellationToken)

```
Task<AccessTokenData> GetAccessOnCodeAsync(GetAccessOnCodeParams accessOnCodeParams,
CancellationToken cancellationToken)
```

Parameters

`accessOnCodeParams` GetAccessOnCodeParams

`cancellationToken` CancellationToken

Returns

Task <AccessTokenData>

Interface IUserOAuthCreationService

Namespace: UserApi.Services.OAuth

Assembly: UserApi.dll

```
public interface IUserOAuthCreationService
```

Methods

CreateUserFromOAuthAsync(CreateUserFromOAuth, CancellationToken)

```
Task<User?> CreateUserFromOAuthAsync(CreateUserFromOAuth model,
CancellationToken cancellationToken)
```

Parameters

`model` CreateUserFromOAuth

`cancellationToken` CancellationToken

Returns

Task<User>

Class UserOAuthCreationService

Namespace: UserApi.Services.OAuth

Assembly: UserApi.dll

```
public class UserOAuthCreationService : IUserOAuthCreationService
```

Inheritance

object ← UserOAuthCreationService

Implements

IUserOAuthCreationService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UserOAuthCreationService(UserManager<User>, IUserAuthenticationMethodService)

```
public UserOAuthCreationService(UserManager<User> userManager,
IUserAuthenticationMethodService authMethodService)
```

Parameters

`userManager` UserManager<User>

`authMethodService` IUserAuthenticationMethodService

Methods

CreateUserFromOAuthAsync(CreateUserFromOAuth, CancellationToken)

```
public Task<User?> CreateUserFromOAuthAsync(CreateUserFromOAuth model,
CancellationToken cancellationToken)
```

Parameters

`model` CreateUserFromOAuth

`cancellationToken` CancellationToken

Returns

Task<User>

Namespace UserApi.Services.OAuth.Google

Classes

GoogleOAuthHttpClient

GoogleOAuthService

Interfaces

IGoogleOAuthHttpClient

Class GoogleOAuthHttpClient

Namespace: UserApi.Services.OAuth.Google

Assembly: UserApi.dll

```
public class GoogleOAuthHttpClient : IGoogleOAuthHttpClient
```

Inheritance

object ← GoogleOAuthHttpClient

Implements

IGoogleOAuthHttpClient

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GoogleOAuthHttpClient(GoogleOAuthSettings, IHttpHelper)

```
public GoogleOAuthHttpClient(GoogleOAuthSettings oAuthSettings,
IHttpHelper httpHelperService)
```

Parameters

`oAuthSettings` GoogleOAuthSettings

`httpHelperService` IHttpHelper

Methods

ExchangeAuthorizationCodeAsync(string, string, string, CancellationToken)

```
public Task<GoogleOAuthTokenResult?> ExchangeAuthorizationCodeAsync(string code,
string codeVerifier, string redirectUrl, CancellationToken cancellationToken)
```

Parameters

`code` string

`codeVerifier` string

`redirectUrl` string

`cancellationToken` CancellationToken

Returns

Task<GoogleOAuthTokenResult>

GenerateOAuthRequestUrl(string, string, string)

```
public string GenerateOAuthRequestUrl(string scope, string redirectUrl,
string codeVerifier)
```

Parameters

`scope` string

`redirectUrl` string

`codeVerifier` string

Returns

string

RefreshAccessTokenAsync(string, CancellationToken)

```
public Task<GoogleOAuthTokenResult?> RefreshAccessTokenAsync(string refreshToken,
CancellationToken cancellationToken)
```

Parameters

`refreshToken` string

`cancellationToken` CancellationToken

Returns

Task<GoogleOAuthTokenResult>

Class GoogleOAuthService

Namespace: UserApi.Services.OAuth.Google

Assembly: UserApi.dll

```
public class GoogleOAuthService : IOAuthService
```

Inheritance

object ← GoogleOAuthService

Implements

IOAuthService

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

GoogleOAuthService(IGoogleOAuthHttpClient, IUserOAuthCreationService, ITokenService, IGoogleTokenValidator, GoogleOAuthSettings, IConfiguration)

```
public GoogleOAuthService(IGoogleOAuthHttpClient httpClient,
IUserOAuthCreationService userOAuthCreation, ITokenService tokenService,
IGoogleTokenValidator googleTokenValidator, GoogleOAuthSettings oAuthSettings,
IConfiguration configuration)
```

Parameters

`httpClient` IGoogleOAuthHttpClient

`userOAuthCreation` IUserOAuthCreationService

`tokenService` ITokenService

`googleTokenValidator` IGoogleTokenValidator

`oAuthSettings` GoogleOAuthSettings

`configuration` IConfiguration

Methods

GenerateOAuthRequestUrl(GenerateOAuthRequestUrlParams)

```
public string GenerateOAuthRequestUrl(GenerateOAuthRequestUrlParams
generateUrlParams)
```

Parameters

`generateUrlParams` GenerateOAuthRequestUrlParams

Returns

string

GetAccessOnCodeAsync(GetAccessOnCodeParams, CancellationToken)

```
public Task<AccessTokenData> GetAccessOnCodeAsync(GetAccessOnCodeParams
accessOnCodeParams, CancellationToken cancellationToken)
```

Parameters

`accessOnCodeParams` GetAccessOnCodeParams

`cancellationToken` CancellationToken

Returns

Task<AccessTokenData>

Interface IGoogleOAuthHttpClient

Namespace: UserApi.Services.OAuth.Google

Assembly: UserApi.dll

```
public interface IGoogleOAuthHttpClient
```

Methods

ExchangeAuthorizationCodeAsync(string, string, string, CancellationToken)

```
Task<GoogleOAuthTokenResult?> ExchangeAuthorizationCodeAsync(string code, string
codeVerifier, string redirectUrl, CancellationToken cancellationToken)
```

Parameters

`code` string

`codeVerifier` string

`redirectUrl` string

`cancellationToken` CancellationToken

Returns

Task<GoogleOAuthTokenResult>

GenerateOAuthRequestUrl(string, string, string)

```
string GenerateOAuthRequestUrl(string scope, string redirectUrl,
string codeVerifier)
```

Parameters

`scope` string

`redirectUrl` string

`codeVerifier` string

Returns

string

RefreshAccessTokenAsync(string, CancellationToken)

```
Task<GoogleOAuthTokenResult?> RefreshAccessTokenAsync(string refreshToken,
CancellationToken cancellationToken)
```

Parameters

`refreshToken` string

`cancellationToken` CancellationToken

Returns

Task<GoogleOAuthTokenResult>

Namespace UserApi.Validators

Classes

AccessTokenDataValidator

AdminGetUserFilterValidator

AdminUserRegistrationRequestValidator

AdminUserUpdateDataRequestValidator

LoginOAuthRequestValidator

OAuthGetUrlQueryParamsValidator

UserAuthenticationRequestValidator

UserRegistrationRequestValidator

UserUpdateDataRequestValidator

Class AccessTokenDataValidator

Namespace: UserApi.Validators

Assembly: UserApi.dll

```
public class AccessTokenDataValidator : AbstractValidator<AccessTokenData>,
IValidator<AccessTokenData>, IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<AccessTokenData> ← AccessTokenDataValidator

Implements

IValidator<AccessTokenData>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<AccessTokenData>.Validate(AccessTokenData) ,
AbstractValidator<AccessTokenData>.ValidateAsync(AccessTokenData, CancellationToken) ,
AbstractValidator<AccessTokenData>.Validate(ValidationContext<AccessTokenData>) ,
AbstractValidator<AccessTokenData>.ValidateAsync(ValidationContext<AccessTokenData>, CancellationToken) ,
AbstractValidator<AccessTokenData>.CreateDescriptor() ,
AbstractValidator<AccessTokenData>.RuleFor<TProperty>(Expression<Func<AccessTokenData, TProperty>>) ,
AbstractValidator<AccessTokenData>.Transform<TProperty, TTransformed>(Expression<Func<AccessTokenData, TProperty>>, Func<TProperty, TTransformed>) ,
AbstractValidator<AccessTokenData>.Transform<TProperty, TTransformed>(Expression<Func<AccessTokenData, TProperty>>, Func<AccessTokenData, TProperty, TTransformed>) ,
AbstractValidator<AccessTokenData>.RuleForEach<TElement>(Expression<Func<AccessTokenData, IEnumerable<TElement>>>) ,
AbstractValidator<AccessTokenData>.TransformForEach<TElement, TTransformed>(Expression<Func<AccessTokenData, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,
AbstractValidator<AccessTokenData>.TransformForEach<TElement, TTransformed>(Expression<Func<AccessTokenData, IEnumerable<TElement>>>, Func<AccessTokenData, TElement, TTransformed>) ,
AbstractValidator<AccessTokenData>.RuleSet(string, Action) ,
AbstractValidator<AccessTokenData>.When(Func<AccessTokenData, bool>, Action) ,

AbstractValidator<AccessTokenData>.When(Func<AccessTokenData, ValidationContext<AccessTokenData>, bool>, Action) , AbstractValidator<AccessTokenData>.Unless(Func<AccessTokenData, bool>, Action) , AbstractValidator<AccessTokenData>.Unless(Func<AccessTokenData, ValidationContext<AccessTokenData>, bool>, Action) , AbstractValidator<AccessTokenData>.WhenAsync(Func<AccessTokenData, CancellationToken, Task<bool>>, Action) , AbstractValidator<AccessTokenData>.WhenAsync(Func<AccessTokenData, ValidationContext<AccessTokenData>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AccessTokenData>.UnlessAsync(Func<AccessTokenData, CancellationToken, Task<bool>>, Action) , AbstractValidator<AccessTokenData>.UnlessAsync(Func<AccessTokenData, ValidationContext<AccessTokenData>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AccessTokenData>.Include(IValidator<AccessTokenData>) , AbstractValidator<AccessTokenData>.Include<TValidator>(Func<AccessTokenData, TValidator>) , AbstractValidator<AccessTokenData>.GetEnumerator() , AbstractValidator<AccessTokenData>.EnsureInstanceNotNull(object) , AbstractValidator<AccessTokenData>.PreValidate(ValidationContext<AccessTokenData>, ValidationResult) , AbstractValidator<AccessTokenData>.RaiseValidationException(ValidationContext<AccessTokenData>, ValidationResult) , AbstractValidator<AccessTokenData>.CascadeMode , AbstractValidator<AccessTokenData>.ClassLevelCascadeMode , AbstractValidator<AccessTokenData>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AccessTokenDataValidator()

```
public AccessTokenDataValidator()
```

Class AdminGetUserFilterValidator

Namespace: UserApi.Validators

Assembly: UserApi.dll

```
public class AdminGetUserFilterValidator : AbstractValidator<AdminGetUserFilter>,
IValidator<AdminGetUserFilter>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<AdminGetUserFilter> ← AdminGetUserFilterValidator

Implements

IValidator<AdminGetUserFilter>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<AdminGetUserFilter>.Validate(AdminGetUserFilter) , AbstractValidator<AdminGetUserFilter>.ValidateAsync(AdminGetUserFilter, CancellationToken) , AbstractValidator<AdminGetUserFilter>.Validate(ValidationContext<AdminGetUserFilter>) , AbstractValidator<AdminGetUserFilter>.ValidateAsync(ValidationContext<AdminGetUserFilter>, CancellationToken) , AbstractValidator<AdminGetUserFilter>.CreateDescriptor() , AbstractValidator<AdminGetUserFilter>.RuleFor<TProperty>(Expression<Func<AdminGetUserFilter, TProperty>>) , AbstractValidator<AdminGetUserFilter>.Transform<TProperty, TTransformed>(Expression<Func<AdminGetUserFilter, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<AdminGetUserFilter>.Transform<TProperty, TTransformed>(Expression<Func<AdminGetUserFilter, TProperty>>, Func<AdminGetUserFilter, TProperty, TTransformed>) , AbstractValidator<AdminGetUserFilter>.RuleForEach<TElement>(Expression<Func<AdminGetUserFilter, IEnumerable<TElement>>>) , AbstractValidator<AdminGetUserFilter>.TransformForEach<TElement, TTransformed>(Expression<Func<AdminGetUserFilter, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<AdminGetUserFilter>.TransformForEach<TElement, TTransformed>(Expression<Func<AdminGetUserFilter, IEnumerable<TElement>>>, Func<AdminGetUserFilter, TElement, TTransformed>) ,

AbstractValidator<AdminGetUserFilter>.RuleSet(string, Action) , AbstractValidator<AdminGetUserFilter>.When(Func<AdminGetUserFilter, bool>, Action) , AbstractValidator<AdminGetUserFilter>.When(Func<AdminGetUserFilter, ValidationContext<AdminGetUserFilter>, bool>, Action) , AbstractValidator<AdminGetUserFilter>.Unless(Func<AdminGetUserFilter, bool>, Action) , AbstractValidator<AdminGetUserFilter>.Unless(Func<AdminGetUserFilter, ValidationContext<AdminGetUserFilter>, bool>, Action) , AbstractValidator<AdminGetUserFilter>.WhenAsync(Func<AdminGetUserFilter, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdminGetUserFilter>.WhenAsync(Func<AdminGetUserFilter, ValidationContext<AdminGetUserFilter>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdminGetUserFilter>.UnlessAsync(Func<AdminGetUserFilter, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdminGetUserFilter>.UnlessAsync(Func<AdminGetUserFilter, ValidationContext<AdminGetUserFilter>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdminGetUserFilter>.Include(IValidator<AdminGetUserFilter>) , AbstractValidator<AdminGetUserFilter>.Include<TValidator>(Func<AdminGetUserFilter, TValidator>) , AbstractValidator<AdminGetUserFilter>.GetEnumerator() , AbstractValidator<AdminGetUserFilter>.EnsureInstanceNotNull(object) , AbstractValidator<AdminGetUserFilter>.PreValidate(ValidationContext<AdminGetUserFilter>, ValidationResult) , AbstractValidator<AdminGetUserFilter>.RaiseValidationException(ValidationContext<AdminGetUserFilter>, ValidationResult) , AbstractValidator<AdminGetUserFilter>.CascadeMode , AbstractValidator<AdminGetUserFilter>.ClassLevelCascadeMode , AbstractValidator<AdminGetUserFilter>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminGetUserFilterValidator(PaginationOptions)

```
public AdminGetUserFilterValidator(PaginationOptions paginationConfiguration)
```

Parameters

`paginationConfiguration` PaginationOptions

Class AdminUserRegistrationRequestValidator

Namespace: UserApi.Validators

Assembly: UserApi.dll

```
public class AdminUserRegistrationRequestValidator
: AbstractValidator<AdminUserRegistrationRequest>,
IValidator<AdminUserRegistrationRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<AdminUserRegistrationRequest> ← AdminUserRegistrationRequestValidator

Implements

IValidator<AdminUserRegistrationRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<AdminUserRegistrationRequest>.Validate(AdminUserRegistrationRequest) , AbstractValidator<AdminUserRegistrationRequest>.ValidateAsync(AdminUserRegistrationRequest, CancellationToken) , AbstractValidator<AdminUserRegistrationRequest>.Validate(ValidationContext<AdminUserRegistrationRequest>) , AbstractValidator<AdminUserRegistrationRequest>.ValidateAsync(ValidationContext<AdminUserRegistrationRequest>, CancellationToken) , AbstractValidator<AdminUserRegistrationRequest>.CreateDescriptor() , AbstractValidator<AdminUserRegistrationRequest>.RuleFor<TProperty>(Expression<Func<AdminUserRegistrationRequest, TProperty>>) , AbstractValidator<AdminUserRegistrationRequest>.Transform<TProperty, TTransformed>(Expression<Func<AdminUserRegistrationRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<AdminUserRegistrationRequest>.Transform<TProperty, TTransformed>(Expression<Func<AdminUserRegistrationRequest, TProperty>>, Func<AdminUserRegistrationRequest, TProperty, TTransformed>) , AbstractValidator<AdminUserRegistrationRequest>.RuleForEach<TElement>(Expression<Func<AdminUserRegistrationRequest, IEnumerable<TElement>>>) ,

AbstractValidator<AdminUserRegistrationRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<AdminUserRegistrationRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<AdminUserRegistrationRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<AdminUserRegistrationRequest, IEnumerable<TElement>>>, Func<AdminUserRegistrationRequest, TElement, TTransformed>) , AbstractValidator<AdminUserRegistrationRequest>.RuleSet(string, Action) , AbstractValidator<AdminUserRegistrationRequest>.When(Func<AdminUserRegistrationRequest, bool>, Action) , AbstractValidator<AdminUserRegistrationRequest>.When(Func<AdminUserRegistrationRequest, ValidationContext<AdminUserRegistrationRequest>, bool>, Action) , AbstractValidator<AdminUserRegistrationRequest>.Unless(Func<AdminUserRegistrationRequest, bool>, Action) , AbstractValidator<AdminUserRegistrationRequest>.Unless(Func<AdminUserRegistrationRequest, ValidationContext<AdminUserRegistrationRequest>, bool>, Action) , AbstractValidator<AdminUserRegistrationRequest>.WhenAsync(Func<AdminUserRegistrationRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdminUserRegistrationRequest>.WhenAsync(Func<AdminUserRegistrationRequest, ValidationContext<AdminUserRegistrationRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdminUserRegistrationRequest>.UnlessAsync(Func<AdminUserRegistrationRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdminUserRegistrationRequest>.UnlessAsync(Func<AdminUserRegistrationRequest, ValidationContext<AdminUserRegistrationRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<AdminUserRegistrationRequest>.Include(IValidator<AdminUserRegistrationRequest>) , AbstractValidator<AdminUserRegistrationRequest>.Include<TValidator>(Func<AdminUserRegistrationRequest, TValidator>) , AbstractValidator<AdminUserRegistrationRequest>.GetEnumerator() , AbstractValidator<AdminUserRegistrationRequest>.EnsureInstanceNotNull(object) , AbstractValidator<AdminUserRegistrationRequest>.PreValidate(ValidationContext<AdminUserRegistrationRequest>, ValidationResult) , AbstractValidator<AdminUserRegistrationRequest>.RaiseValidationException(ValidationContext<AdminUserRegistrationRequest>, ValidationResult) , AbstractValidator<AdminUserRegistrationRequest>.CascadeMode , AbstractValidator<AdminUserRegistrationRequest>.ClassLevelCascadeMode , AbstractValidator<AdminUserRegistrationRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() ,

object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminUserRegistrationRequestValidator()

```
public AdminUserRegistrationRequestValidator()
```

Class AdminUserUpdateDataRequestValidator

Namespace: UserApi.Validators

Assembly: UserApi.dll

```
public class AdminUserUpdateDataRequestValidator
: AbstractValidator<AdminUserUpdateDataRequest>,
IValidator<AdminUserUpdateDataRequest>, IValidator, IEnumerable<IValidationRule>,
IEnumerable
```

Inheritance

object ← AbstractValidator<AdminUserUpdateDataRequest> ← AdminUserUpdateDataRequestValidator

Implements

IValidator<AdminUserUpdateDataRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<AdminUserUpdateDataRequest>.Validate(AdminUserUpdateDataRequest) , AbstractValidator<AdminUserUpdateDataRequest>.ValidateAsync(AdminUserUpdateDataRequest, CancellationToken) , AbstractValidator<AdminUserUpdateDataRequest>.Validate(ValidationContext<AdminUserUpdateDataRequest>) , AbstractValidator<AdminUserUpdateDataRequest>.ValidateAsync(ValidationContext<AdminUserUpdateDataRequest>, CancellationToken) , AbstractValidator<AdminUserUpdateDataRequest>.CreateDescriptor() , AbstractValidator<AdminUserUpdateDataRequest>.RuleFor<TProperty>(Expression<Func<AdminUserUpdateDataRequest, TProperty>>) , AbstractValidator<AdminUserUpdateDataRequest>.Transform<TProperty, TTransformed>(Expression<Func<AdminUserUpdateDataRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<AdminUserUpdateDataRequest>.Transform<TProperty, TTransformed>(Expression<Func<AdminUserUpdateDataRequest, TProperty>>, Func<AdminUserUpdateDataRequest, TProperty, TTransformed>) , AbstractValidator<AdminUserUpdateDataRequest>.RuleForEach<TElement>(Expression<Func<AdminUserUpdateDataRequest, IEnumerable<TElement>>>) ,

AbstractValidator<AdminUserUpdateDataRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<AdminUserUpdateDataRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,
AbstractValidator<AdminUserUpdateDataRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<AdminUserUpdateDataRequest, IEnumerable<TElement>>>, Func<AdminUserUpdateDataRequest, TElement, TTransformed>) ,
AbstractValidator<AdminUserUpdateDataRequest>.RuleSet(string, Action) ,
AbstractValidator<AdminUserUpdateDataRequest>.When(Func<AdminUserUpdateDataRequest, bool>, Action) ,
AbstractValidator<AdminUserUpdateDataRequest>.When(Func<AdminUserUpdateDataRequest, ValidationContext<AdminUserUpdateDataRequest>, bool>, Action) ,
AbstractValidator<AdminUserUpdateDataRequest>.Unless(Func<AdminUserUpdateDataRequest, bool>, Action) ,
AbstractValidator<AdminUserUpdateDataRequest>.Unless(Func<AdminUserUpdateDataRequest, ValidationContext<AdminUserUpdateDataRequest>, bool>, Action) ,
AbstractValidator<AdminUserUpdateDataRequest>.WhenAsync(Func<AdminUserUpdateDataRequest, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<AdminUserUpdateDataRequest>.WhenAsync(Func<AdminUserUpdateDataRequest, ValidationContext<AdminUserUpdateDataRequest>, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<AdminUserUpdateDataRequest>.UnlessAsync(Func<AdminUserUpdateDataRequest, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<AdminUserUpdateDataRequest>.UnlessAsync(Func<AdminUserUpdateDataRequest, ValidationContext<AdminUserUpdateDataRequest>, CancellationToken, Task<bool>>, Action) ,
AbstractValidator<AdminUserUpdateDataRequest>.Include(IValidator<AdminUserUpdateDataRequest>) ,
AbstractValidator<AdminUserUpdateDataRequest>.Include<TValidator>(Func<AdminUserUpdateDataRequest, TValidator>) ,
AbstractValidator<AdminUserUpdateDataRequest>.GetEnumerator() ,
AbstractValidator<AdminUserUpdateDataRequest>.EnsureInstanceNotNull(object) ,
AbstractValidator<AdminUserUpdateDataRequest>.PreValidate(ValidationContext<AdminUserUpdateDataRequest>, ValidationResult) ,
AbstractValidator<AdminUserUpdateDataRequest>.RaiseValidationException(ValidationContext<AdminUserUpdateDataRequest>, ValidationResult) ,
AbstractValidator<AdminUserUpdateDataRequest>.CascadeMode ,
AbstractValidator<AdminUserUpdateDataRequest>.ClassLevelCascadeMode ,
AbstractValidator<AdminUserUpdateDataRequest>.RuleLevelCascadeMode ,
object.Equals(object) , object.Equals(object, object) , object.GetHashCode() ,

object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

AdminUserUpdateDataRequestValidator()

```
public AdminUserUpdateDataRequestValidator()
```

Class LoginOAuthRequestValidator

Namespace: UserApi.Validators

Assembly: UserApi.dll

```
public class LoginOAuthRequestValidator : AbstractValidator<LoginOAuthRequest>,
IValidator<LoginOAuthRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<LoginOAuthRequest> ← LoginOAuthRequestValidator

Implements

IValidator<LoginOAuthRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<LoginOAuthRequest>.Validate(LoginOAuthRequest) , AbstractValidator<LoginOAuthRequest>.ValidateAsync(LoginOAuthRequest, CancellationToken) , AbstractValidator<LoginOAuthRequest>.Validate(ValidationContext<LoginOAuthRequest>) , AbstractValidator<LoginOAuthRequest>.ValidateAsync(ValidationContext<LoginOAuthRequest>, CancellationToken) , AbstractValidator<LoginOAuthRequest>.CreateDescriptor() , AbstractValidator<LoginOAuthRequest>.RuleFor<TProperty>(Expression<Func<LoginOAuthRequest, TProperty>>) , AbstractValidator<LoginOAuthRequest>.Transform<TProperty, TTransformed>(Expression<Func<LoginOAuthRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<LoginOAuthRequest>.Transform<TProperty, TTransformed>(Expression<Func<LoginOAuthRequest, TProperty>>, Func<LoginOAuthRequest, TProperty, TTransformed>) , AbstractValidator<LoginOAuthRequest>.RuleForEach<TElement>(Expression<Func<LoginOAuthRequest, IEnumerable<TElement>>>) , AbstractValidator<LoginOAuthRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<LoginOAuthRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) , AbstractValidator<LoginOAuthRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<LoginOAuthRequest, IEnumerable<TElement>>>, Func<LoginOAuthRequest, TElement, TTransformed>) ,

AbstractValidator<LoginOAuthRequest>.RuleSet(string, Action) , AbstractValidator<LoginOAuthRequest>.When(Func<LoginOAuthRequest, bool>, Action) , AbstractValidator<LoginOAuthRequest>.When(Func<LoginOAuthRequest, ValidationContext<LoginOAuthRequest>, bool>, Action) , AbstractValidator<LoginOAuthRequest>.Unless(Func<LoginOAuthRequest, bool>, Action) , AbstractValidator<LoginOAuthRequest>.Unless(Func<LoginOAuthRequest, ValidationContext<LoginOAuthRequest>, bool>, Action) , AbstractValidator<LoginOAuthRequest>.WhenAsync(Func<LoginOAuthRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<LoginOAuthRequest>.WhenAsync(Func<LoginOAuthRequest, ValidationContext<LoginOAuthRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<LoginOAuthRequest>.UnlessAsync(Func<LoginOAuthRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<LoginOAuthRequest>.UnlessAsync(Func<LoginOAuthRequest, ValidationContext<LoginOAuthRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<LoginOAuthRequest>.Include(IValidator<LoginOAuthRequest>) , AbstractValidator<LoginOAuthRequest>.Include<TValidator>(Func<LoginOAuthRequest, TValidator>) , AbstractValidator<LoginOAuthRequest>.GetEnumerator() , AbstractValidator<LoginOAuthRequest>.EnsureInstanceNotNull(object) , AbstractValidator<LoginOAuthRequest>.PreValidate(ValidationContext<LoginOAuthRequest>, ValidationResult) , AbstractValidator<LoginOAuthRequest>.RaiseValidationException(ValidationContext<LoginOAuthRequest>, ValidationResult) , AbstractValidator<LoginOAuthRequest>.CascadeMode , AbstractValidator<LoginOAuthRequest>.ClassLevelCascadeMode , AbstractValidator<LoginOAuthRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

LoginOAuthRequestValidator()

```
public LoginOAuthRequestValidator()
```

Class OAuthGetUrlQueryParamsValidator

Namespace: UserApi.Validators

Assembly: UserApi.dll

```
public class OAuthGetUrlQueryParamsValidator :
AbstractValidator<GetOAuthUrlQueryParams>, IValidator<GetOAuthUrlQueryParams>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<GetOAuthUrlQueryParams> ← OAuthGetUrlQueryParamsValidator

Implements

IValidator<GetOAuthUrlQueryParams>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<GetOAuthUrlQueryParams>.Validate(GetOAuthUrlQueryParams) , AbstractValidator<GetOAuthUrlQueryParams>.ValidateAsync(GetOAuthUrlQueryParams, CancellationToken) , AbstractValidator<GetOAuthUrlQueryParams>.Validate(ValidationContext<GetOAuthUrlQueryParams>) , AbstractValidator<GetOAuthUrlQueryParams>.ValidateAsync(ValidationContext<GetOAuthUrlQueryParams>, CancellationToken) , AbstractValidator<GetOAuthUrlQueryParams>.CreateDescriptor() , AbstractValidator<GetOAuthUrlQueryParams>.RuleFor<TProperty>(Expression<Func<GetOAuthUrlQueryParams, TProperty>>) , AbstractValidator<GetOAuthUrlQueryParams>.Transform<TProperty, TTransformed>(Expression<Func<GetOAuthUrlQueryParams, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<GetOAuthUrlQueryParams>.Transform<TProperty, TTransformed>(Expression<Func<GetOAuthUrlQueryParams, TProperty>>, Func<GetOAuthUrlQueryParams, TProperty, TTransformed>) , AbstractValidator<GetOAuthUrlQueryParams>.RuleForEach<TElement>(Expression<Func<GetOAuthUrlQueryParams, IEnumerable<TElement>>>) , AbstractValidator<GetOAuthUrlQueryParams>.TransformForEach<TElement, TTransformed>(Expression<Func<GetOAuthUrlQueryParams, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<GetOAuthUrlQueryParams>.TransformForEach<TElement, TTransformed>(Expression<Func<GetOAuthUrlQueryParams, IEnumerable<TElement>>>, Func<GetOAuthUrlQueryParams, TElement, TTransformed>) , AbstractValidator<GetOAuthUrlQueryParams>.RuleSet(string, Action) , AbstractValidator<GetOAuthUrlQueryParams>.When(Func<GetOAuthUrlQueryParams, bool>, Action) , AbstractValidator<GetOAuthUrlQueryParams>.When(Func<GetOAuthUrlQueryParams, ValidationContext<GetOAuthUrlQueryParams>, bool>, Action) , AbstractValidator<GetOAuthUrlQueryParams>.Unless(Func<GetOAuthUrlQueryParams, bool>, Action) , AbstractValidator<GetOAuthUrlQueryParams>.Unless(Func<GetOAuthUrlQueryParams, ValidationContext<GetOAuthUrlQueryParams>, bool>, Action) , AbstractValidator<GetOAuthUrlQueryParams>.WhenAsync(Func<GetOAuthUrlQueryParams, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetOAuthUrlQueryParams>.WhenAsync(Func<GetOAuthUrlQueryParams, ValidationContext<GetOAuthUrlQueryParams>, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetOAuthUrlQueryParams>.UnlessAsync(Func<GetOAuthUrlQueryParams, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetOAuthUrlQueryParams>.UnlessAsync(Func<GetOAuthUrlQueryParams, ValidationContext<GetOAuthUrlQueryParams>, CancellationToken, Task<bool>>, Action) , AbstractValidator<GetOAuthUrlQueryParams>.Include(IValidator<GetOAuthUrlQueryParams>) , AbstractValidator<GetOAuthUrlQueryParams>.Include<TValidator>(Func<GetOAuthUrlQueryParams, TValidator>) , AbstractValidator<GetOAuthUrlQueryParams>.GetEnumerator() , AbstractValidator<GetOAuthUrlQueryParams>.EnsureInstanceNotNull(object) , AbstractValidator<GetOAuthUrlQueryParams>.PreValidate(ValidationContext<GetOAuthUrlQueryParams>, ValidationResult) , AbstractValidator<GetOAuthUrlQueryParams>.RaiseValidationException(ValidationContext<GetOAuthUrlQueryParams>, ValidationResult) , AbstractValidator<GetOAuthUrlQueryParams>.CascadeMode , AbstractValidator<GetOAuthUrlQueryParams>.ClassLevelCascadeMode , AbstractValidator<GetOAuthUrlQueryParams>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

OAuthGetUrlQueryParamsValidator()

```
public OAuthGetUrlQueryParamsValidator()
```

Class UserAuthenticationRequestValidator

Namespace: UserApi.Validators

Assembly: UserApi.dll

```
public class UserAuthenticationRequestValidator :
AbstractValidator<UserAuthenticationRequest>, IValidator<UserAuthenticationRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<UserAuthenticationRequest> ← UserAuthenticationRequestValidator

Implements

IValidator<UserAuthenticationRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<UserAuthenticationRequest>.Validate(UserAuthenticationRequest) , AbstractValidator<UserAuthenticationRequest>.ValidateAsync(UserAuthenticationRequest, CancellationToken) , AbstractValidator<UserAuthenticationRequest>.Validate(ValidationContext<UserAuthenticationRequest>) , AbstractValidator<UserAuthenticationRequest>.ValidateAsync(ValidationContext<UserAuthenticationRequest>, CancellationToken) , AbstractValidator<UserAuthenticationRequest>.CreateDescriptor() , AbstractValidator<UserAuthenticationRequest>.RuleFor<TProperty>(Expression<Func<UserAuthenticationRequest, TProperty>>) , AbstractValidator<UserAuthenticationRequest>.Transform<TProperty, TTransformed>(Expression<Func<UserAuthenticationRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<UserAuthenticationRequest>.Transform<TProperty, TTransformed>(Expression<Func<UserAuthenticationRequest, TProperty>>, Func<UserAuthenticationRequest, TProperty, TTransformed>) , AbstractValidator<UserAuthenticationRequest>.RuleForEach<TElement>(Expression<Func<UserAuthenticationRequest, IEnumerable<TElement>>>) , AbstractValidator<UserAuthenticationRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UserAuthenticationRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<UserAuthenticationRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UserAuthenticationRequest, IEnumerable<TElement>>>, Func<UserAuthenticationRequest, TElement, TTransformed>) , AbstractValidator<UserAuthenticationRequest>.RuleSet(string, Action) , AbstractValidator<UserAuthenticationRequest>.When(Func<UserAuthenticationRequest, bool>, Action) , AbstractValidator<UserAuthenticationRequest>.When(Func<UserAuthenticationRequest, ValidationContext<UserAuthenticationRequest>, bool>, Action) , AbstractValidator<UserAuthenticationRequest>.Unless(Func<UserAuthenticationRequest, bool>, Action) , AbstractValidator<UserAuthenticationRequest>.Unless(Func<UserAuthenticationRequest, ValidationContext<UserAuthenticationRequest>, bool>, Action) , AbstractValidator<UserAuthenticationRequest>.WhenAsync(Func<UserAuthenticationRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserAuthenticationRequest>.WhenAsync(Func<UserAuthenticationRequest, ValidationContext<UserAuthenticationRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserAuthenticationRequest>.UnlessAsync(Func<UserAuthenticationRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserAuthenticationRequest>.UnlessAsync(Func<UserAuthenticationRequest, ValidationContext<UserAuthenticationRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserAuthenticationRequest>.Include(IValidator<UserAuthenticationRequest>) , AbstractValidator<UserAuthenticationRequest>.Include<TValidator>(Func<UserAuthenticationRequest, TValidator>) , AbstractValidator<UserAuthenticationRequest>.GetEnumerator() , AbstractValidator<UserAuthenticationRequest>.EnsureInstanceNotNull(object) , AbstractValidator<UserAuthenticationRequest>.PreValidate(ValidationContext<UserAuthenticationRequest>, ValidationResult) , AbstractValidator<UserAuthenticationRequest>.RaiseValidationException(ValidationContext<UserAuthenticationRequest>, ValidationResult) , AbstractValidator<UserAuthenticationRequest>.CascadeMode , AbstractValidator<UserAuthenticationRequest>.ClassLevelCascadeMode , AbstractValidator<UserAuthenticationRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UserAuthenticationRequestValidator()

```
public UserAuthenticationRequestValidator()
```

Class UserRegistrationRequestValidator

Namespace: UserApi.Validators

Assembly: UserApi.dll

```
public class UserRegistrationRequestValidator :
AbstractValidator<UserRegistrationRequest>, IValidator<UserRegistrationRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<UserRegistrationRequest> ← UserRegistrationRequestValidator

Implements

IValidator<UserRegistrationRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<UserRegistrationRequest>.Validate(UserRegistrationRequest) , AbstractValidator<UserRegistrationRequest>.ValidateAsync(UserRegistrationRequest, CancellationToken) , AbstractValidator<UserRegistrationRequest>.Validate(ValidationContext<UserRegistrationRequest>) , AbstractValidator<UserRegistrationRequest>.ValidateAsync(ValidationContext<UserRegistrationRequest>, CancellationToken) , AbstractValidator<UserRegistrationRequest>.CreateDescriptor() , AbstractValidator<UserRegistrationRequest>.RuleFor<TProperty>(Expression<Func<UserRegistrationRequest, TProperty>>) , AbstractValidator<UserRegistrationRequest>.Transform<TProperty, TTransformed>(Expression<Func<UserRegistrationRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<UserRegistrationRequest>.Transform<TProperty, TTransformed>(Expression<Func<UserRegistrationRequest, TProperty>>, Func<UserRegistrationRequest, TProperty, TTransformed>) , AbstractValidator<UserRegistrationRequest>.RuleForEach<TElement>(Expression<Func<UserRegistrationRequest, IEnumerable<TElement>>>) , AbstractValidator<UserRegistrationRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UserRegistrationRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<UserRegistrationRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UserRegistrationRequest, IEnumerable<TElement>>>, Func<UserRegistrationRequest, TElement, TTransformed>) , AbstractValidator<UserRegistrationRequest>.RuleSet(string, Action) , AbstractValidator<UserRegistrationRequest>.When(Func<UserRegistrationRequest, bool>, Action) , AbstractValidator<UserRegistrationRequest>.When(Func<UserRegistrationRequest, ValidationContext<UserRegistrationRequest>, bool>, Action) , AbstractValidator<UserRegistrationRequest>.Unless(Func<UserRegistrationRequest, bool>, Action) , AbstractValidator<UserRegistrationRequest>.Unless(Func<UserRegistrationRequest, ValidationContext<UserRegistrationRequest>, bool>, Action) , AbstractValidator<UserRegistrationRequest>.WhenAsync(Func<UserRegistrationRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserRegistrationRequest>.WhenAsync(Func<UserRegistrationRequest, ValidationContext<UserRegistrationRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserRegistrationRequest>.UnlessAsync(Func<UserRegistrationRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserRegistrationRequest>.UnlessAsync(Func<UserRegistrationRequest, ValidationContext<UserRegistrationRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserRegistrationRequest>.Include(IValidator<UserRegistrationRequest>) , AbstractValidator<UserRegistrationRequest>.Include<TValidator>(Func<UserRegistrationRequest, TValidator>) , AbstractValidator<UserRegistrationRequest>.GetEnumerator() , AbstractValidator<UserRegistrationRequest>.EnsureInstanceNotNull(object) , AbstractValidator<UserRegistrationRequest>.PreValidate(ValidationContext<UserRegistrationRequest>, ValidationResult) , AbstractValidator<UserRegistrationRequest>.RaiseValidationException(ValidationContext<UserRegistrationRequest>, ValidationResult) , AbstractValidator<UserRegistrationRequest>.CascadeMode , AbstractValidator<UserRegistrationRequest>.ClassLevelCascadeMode , AbstractValidator<UserRegistrationRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UserRegistrationRequestValidator()

```
public UserRegistrationRequestValidator()
```

Class UserUpdateDataRequestValidator

Namespace: UserApi.Validators

Assembly: UserApi.dll

```
public class UserUpdateDataRequestValidator :
AbstractValidator<UserUpdateDataRequest>, IValidator<UserUpdateDataRequest>,
IValidator, IEnumerable<IValidationRule>, IEnumerable
```

Inheritance

object ← AbstractValidator<UserUpdateDataRequest> ← UserUpdateDataRequestValidator

Implements

IValidator<UserUpdateDataRequest>, IValidator, IEnumerable<IValidationRule>, IEnumerable

Inherited Members

AbstractValidator<UserUpdateDataRequest>.Validate(UserUpdateDataRequest) , AbstractValidator<UserUpdateDataRequest>.ValidateAsync(UserUpdateDataRequest, CancellationToken) , AbstractValidator<UserUpdateDataRequest>.Validate(ValidationContext<UserUpdateDataRequest>) , AbstractValidator<UserUpdateDataRequest>.ValidateAsync(ValidationContext<UserUpdateDataRequest>, CancellationToken) , AbstractValidator<UserUpdateDataRequest>.CreateDescriptor() , AbstractValidator<UserUpdateDataRequest>.RuleFor<TProperty>(Expression<Func<UserUpdateDataRequest, TProperty>>) , AbstractValidator<UserUpdateDataRequest>.Transform<TProperty, TTransformed>(Expression<Func<UserUpdateDataRequest, TProperty>>, Func<TProperty, TTransformed>) , AbstractValidator<UserUpdateDataRequest>.Transform<TProperty, TTransformed>(Expression<Func<UserUpdateDataRequest, TProperty>>, Func<UserUpdateDataRequest, TProperty, TTransformed>) , AbstractValidator<UserUpdateDataRequest>.RuleForEach<TElement>(Expression<Func<UserUpdateDataRequest, IEnumerable<TElement>>>) , AbstractValidator<UserUpdateDataRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UserUpdateDataRequest, IEnumerable<TElement>>>, Func<TElement, TTransformed>) ,

AbstractValidator<UserUpdateDataRequest>.TransformForEach<TElement, TTransformed>(Expression<Func<UserUpdateDataRequest, IEnumerable<TElement>>>, Func<UserUpdateDataRequest, TElement, TTransformed>) , AbstractValidator<UserUpdateDataRequest>.RuleSet(string, Action) , AbstractValidator<UserUpdateDataRequest>.When(Func<UserUpdateDataRequest, bool>, Action) , AbstractValidator<UserUpdateDataRequest>.When(Func<UserUpdateDataRequest, ValidationContext<UserUpdateDataRequest>, bool>, Action) , AbstractValidator<UserUpdateDataRequest>.Unless(Func<UserUpdateDataRequest, bool>, Action) , AbstractValidator<UserUpdateDataRequest>.Unless(Func<UserUpdateDataRequest, ValidationContext<UserUpdateDataRequest>, bool>, Action) , AbstractValidator<UserUpdateDataRequest>.WhenAsync(Func<UserUpdateDataRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserUpdateDataRequest>.WhenAsync(Func<UserUpdateDataRequest, ValidationContext<UserUpdateDataRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserUpdateDataRequest>.UnlessAsync(Func<UserUpdateDataRequest, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserUpdateDataRequest>.UnlessAsync(Func<UserUpdateDataRequest, ValidationContext<UserUpdateDataRequest>, CancellationToken, Task<bool>>, Action) , AbstractValidator<UserUpdateDataRequest>.Include(IValidator<UserUpdateDataRequest>) , AbstractValidator<UserUpdateDataRequest>.Include<TValidator>(Func<UserUpdateDataRequest, TValidator>) , AbstractValidator<UserUpdateDataRequest>.GetEnumerator() , AbstractValidator<UserUpdateDataRequest>.EnsureInstanceNotNull(object) , AbstractValidator<UserUpdateDataRequest>.PreValidate(ValidationContext<UserUpdateDataRequest>, ValidationResult) , AbstractValidator<UserUpdateDataRequest>.RaiseValidationException(ValidationContext<UserUpdateDataRequest>, ValidationResult) , AbstractValidator<UserUpdateDataRequest>.CascadeMode , AbstractValidator<UserUpdateDataRequest>.ClassLevelCascadeMode , AbstractValidator<UserUpdateDataRequest>.RuleLevelCascadeMode , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UserUpdateDataRequestValidator()

```
public UserUpdateDataRequestValidator()
```

Namespace UserEntities.Data

Classes

UserIdentityDbContext

Class UserIdentityDbContext

Namespace: UserEntities.Data

Assembly: UserEntities.dll

```
public class UserIdentityDbContext : IdentityDbContext<User>,
IInfrastructure<IServiceProvider>, IDbContextDependencies, IDbSetCache,
IDbContextPoolable, IResettableService, IDisposable, IAsyncDisposable
```

Inheritance

object ← DbContext ← IdentityUserContext<User, string, IdentityUserClaim<string>, IdentityUserLogin<string>, IdentityUserToken<string>> ← IdentityDbContext<User, IdentityRole, string, IdentityUserClaim<string>, IdentityUserRole<string>, IdentityUserLogin<string>, IdentityRoleClaim<string>, IdentityUserToken<string>> ← IdentityDbContext<User, IdentityRole, string> ← IdentityDbContext<User> ← UserIdentityDbContext

Implements

IInfrastructure<IServiceProvider>, IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService, IDisposable, IAsyncDisposable

Inherited Members

IdentityDbContext<User, IdentityRole, string, IdentityUserClaim<string>, IdentityUserRole<string>, IdentityUserLogin<string>, IdentityRoleClaim<string>, IdentityUserToken<string>>.OnModelCreating(ModelBuilder) ,
IdentityDbContext<User, IdentityRole, string, IdentityUserClaim<string>, IdentityUserRole<string>, IdentityUserLogin<string>, IdentityRoleClaim<string>, IdentityUserToken<string>>.UserRoles ,
IdentityDbContext<User, IdentityRole, string, IdentityUserClaim<string>, IdentityUserRole<string>, IdentityUserLogin<string>, IdentityRoleClaim<string>, IdentityUserToken<string>>.Roles ,
IdentityDbContext<User, IdentityRole, string, IdentityUserClaim<string>, IdentityUserRole<string>, IdentityUserLogin<string>, IdentityRoleClaim<string>, IdentityUserToken<string>>.RoleClaims ,
IdentityUserContext<User, string, IdentityUserClaim<string>, IdentityUserLogin<string>, IdentityUserToken<string>>.OnModelCreating(ModelBuilder) ,

IdentityUserContext<User, string, IdentityUserClaim<string>, IdentityUserLogin<string>, IdentityUserToken<string>>.Users ,
IdentityUserContext<User, string, IdentityUserClaim<string>, IdentityUserLogin<string>, IdentityUserToken<string>>.UserClaims ,
IdentityUserContext<User, string, IdentityUserClaim<string>, IdentityUserLogin<string>, IdentityUserToken<string>>.UserLogins ,
IdentityUserContext<User, string, IdentityUserClaim<string>, IdentityUserLogin<string>, IdentityUserToken<string>>.UserTokens ,
IdentityUserContext<User, string, IdentityUserClaim<string>, IdentityUserLogin<string>, IdentityUserToken<string>>.SchemaVersion ,
DbContext.Set<TEntity>() , DbContext.Set<TEntity>(string) ,
DbContext.OnConfiguring(DbContextOptionsBuilder) ,
DbContext.ConfigureConventions(ModelConfigurationBuilder) ,
DbContext.SaveChanges() , DbContext.SaveChanges(bool) ,
DbContext.SaveChangesAsync(bool, CancellationToken) , DbContext.Dispose() ,
DbContext.DisposeAsync() , DbContext.Entry<TEntity>(TEntity) ,
DbContext.Entry(object) , DbContext.Add<TEntity>(TEntity) ,
DbContext.AddAsync<TEntity>(TEntity, CancellationToken) ,
DbContext.Attach<TEntity>(TEntity) , DbContext.Update<TEntity>(TEntity) ,
DbContext.Remove<TEntity>(TEntity) , DbContext.Add(object) ,
DbContext.AddAsync(object, CancellationToken) , DbContext.Attach(object) ,
DbContext.Update(object) , DbContext.Remove(object) ,
DbContext.AddRange(params object[]) , DbContext.AddRangeAsync(params object[]) ,
DbContext.AttachRange(params object[]) , DbContext.UpdateRange(params object[]) ,
DbContext.RemoveRange(params object[]) ,
DbContext.AddRange(IEnumerable<object>) ,
DbContext.AddRangeAsync(IEnumerable<object>, CancellationToken) ,
DbContext.AttachRange(IEnumerable<object>) ,
DbContext.UpdateRange(IEnumerable<object>) ,
DbContext.RemoveRange(IEnumerable<object>) ,
DbContext.Find(Type, params object[]) , DbContext.FindAsync(Type, params object[]) ,
DbContext.FindAsync(Type, object[], CancellationToken) ,
DbContext.Find<TEntity>(params object[]) ,
DbContext.FindAsync<TEntity>(params object[]) ,
DbContext.FindAsync<TEntity>(object[], CancellationToken) ,
DbContext.FromExpression<TResult>(Expression<Func<IQueryable<TResult>>>) ,
DbContext.Database , DbContext.ChangeTracker , DbContext.Model ,
DbContext.ContextId , DbContext.SavingChanges , DbContext.SavedChanges ,
DbContext.SaveChangesFailed , object.Equals(object) , object.Equals(object, object) ,

object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

UserIdentityDbContext(DbContextOptions)

```
public UserIdentityDbContext(DbContextOptions options)
```

Parameters

`options` DbContextOptions

Properties

UserAuthenticationMethods

```
public virtual DbSet<UserAuthenticationMethod> UserAuthenticationMethods { get;
set; }
```

Property Value

DbSet<UserAuthenticationMethod>

Methods

OnModelCreating(ModelBuilder)

Configures the schema needed for the identity framework.

```
protected override void OnModelCreating(ModelBuilder builder)
```

Parameters

`builder` ModelBuilder

The builder being used to construct the model for this context.

SaveChangesAsync(CancellationToken)

Saves all changes made in this context to the database.

```
public override Task<int> SaveChangesAsync(CancellationToken cancellationToken
= default)
```

Parameters

`cancellationToken` CancellationToken

A CancellationToken to observe while waiting for the task to complete.

Returns

Task<int>

A task that represents the asynchronous save operation. The task result contains the number of state entries written to the database.

Remarks

This method will automatically call DetectChanges() to discover any changes to entity instances before saving to the underlying database. This can be disabled via AutoDetectChangesEnabled.

Entity Framework Core does not support multiple parallel operations being run on the same DbContext instance. This includes both parallel execution of async queries and any explicit concurrent use from multiple threads. Therefore, always await async calls immediately, or use separate DbContext instances for operations that execute in parallel. See Avoiding DbContext threading issues for more information and examples.

See Saving data in EF Core for more information and examples.

Exceptions

DbUpdateException

An error is encountered while saving to the database.

DbUpdateConcurrencyException

A concurrency violation is encountered while saving to the database. A concurrency violation occurs when an unexpected number of rows are affected during save. This is usually because the data in the database has been modified since it was loaded into memory.

OperationCanceledException

If the CancellationToken is canceled.

Namespace UserEntities.Domain.Entities

Classes

User

UserAuthenticationMethod

Enums

AuthenticationMethod

Enum AuthenticationMethod

Namespace: UserEntities.Domain.Entities

Assembly: UserEntities.dll

```
public enum AuthenticationMethod
```

Fields

`BaseAuthentication = 0`

`GoogleOAuth = 1`

Class User

Namespace: UserEntities.Domain.Entities

Assembly: UserEntities.dll

```
[Index("Email", new string[] { }, IsUnique = true)]
public class User : IdentityUser
```

Inheritance

object ← IdentityUser<string> ← IdentityUser ← User

Inherited Members

IdentityUser<string>.ToString() , IdentityUser<string>.Id , IdentityUser<string>.UserName , IdentityUser<string>.NormalizedUserName , IdentityUser<string>.Email , IdentityUser<string>.NormalizedEmail , IdentityUser<string>.EmailConfirmed , IdentityUser<string>.PasswordHash , IdentityUser<string>.SecurityStamp , IdentityUser<string>.ConcurrencyStamp , IdentityUser<string>.PhoneNumber , IdentityUser<string>.PhoneNumberConfirmed , IdentityUser<string>.TwoFactorEnabled , IdentityUser<string>.LockoutEnd , IdentityUser<string>.LockoutEnabled , IdentityUser<string>.AccessFailedCount , object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object)

Properties

AuthenticationMethods

```
[Required]
public List<UserAuthenticationMethod> AuthenticationMethods { get; set; }
```

Property Value

List<UserAuthenticationMethod>

RefreshToken

```
[MaxLength(100)]
public string? RefreshToken { get; set; }
```

Property Value

string

RefreshTokenExpiryTime

```
public DateTime? RefreshTokenExpiryTime { get; set; }
```

Property Value

DateTime?

RegistredAtUtc

```
[Required]
public DateTime RegistredAtUtc { get; set; }
```

Property Value

DateTime

UpdatedAtUtc

```
[Required]
public DateTime UpdatedAtUtc { get; set; }
```

Property Value

DateTime

Class UserAuthenticationMethod

Namespace: UserEntities.Domain.Entities

Assembly: UserEntities.dll

```
[Index("UserId", new string[] { "AuthenticationMethod" }, IsUnique = true)]
public class UserAuthenticationMethod
```

Inheritance

object ← UserAuthenticationMethod

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Properties

AuthenticationMethod

```
public AuthenticationMethod AuthenticationMethod { get; set; }
```

Property Value

AuthenticationMethod

User

```
public User User { get; set; }
```

Property Value

User

UserId

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

Property Value

string