

# Namespace PipelineTFM

## Classes

[Startup](#)

## Interfaces

[IStartup](#)

# Interface IStartup

Namespace: [PipelineTFM](#)

Assembly: PipelineTFM.dll

```
public interface IStartup
```

## Methods

### Configure(IConfiguration, IServiceCollection)

```
void Configure(IConfiguration configuration, IServiceCollection services)
```

#### Parameters

configuration [IConfiguration](#)[↗](#)

services [IServiceCollection](#)[↗](#)

### ConfigureEndpoints(IApplicationBuilder, IHostEnvironment)

```
void ConfigureEndpoints(IApplicationBuilder app, IHostEnvironment environment)
```

#### Parameters

app [IApplicationBuilder](#)[↗](#)

environment [IHostEnvironment](#)[↗](#)

### ConfigureMiddleware(IApplicationBuilder, IHostEnvironment)

```
void ConfigureMiddleware(IApplicationBuilder app, IHostEnvironment environment)
```

## Parameters

app [IApplicationBuilder](#) 

environment [IHostEnvironment](#) 

## ConfigureServices(IServiceCollection, IHostEnvironment)

```
void ConfigureServices(IServiceCollection services, IHostEnvironment environment)
```

## Parameters

services [IServiceCollection](#) 

environment [IHostEnvironment](#) 

# Class Startup

Namespace: [PipelineTFM](#)

Assembly: PipelineTFM.dll

```
public class Startup : IStartup
```








## Inheritance

[object](#)  ← Startup

## Implements

[IStartup](#)

## Inherited Members

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

## Methods

### AddDatabase(IConfiguration, IServiceCollection)

```
protected virtual void AddDatabase(IConfiguration configuration,  
IServiceCollection services)
```

#### Parameters

**configuration** [IConfiguration](#) 

**services** [IServiceCollection](#) 

### Configure(IConfiguration, IServiceCollection)

```
public virtual void Configure(IConfiguration configuration,  
IServiceCollection services)
```

## Parameters

configuration [IConfiguration](#)<sup>↗</sup>

services [IServiceCollection](#)<sup>↗</sup>

## ConfigureEndpoints(IApplicationBuilder, IHostEnvironment)

```
public virtual void ConfigureEndpoints(IApplicationBuilder app,
IHostEnvironment environment)
```

## Parameters

app [IApplicationBuilder](#)<sup>↗</sup>

environment [IHostEnvironment](#)<sup>↗</sup>

## ConfigureMiddleware(IApplicationBuilder, IHostEnvironment)

```
public virtual void ConfigureMiddleware(IApplicationBuilder app,
IHostEnvironment environment)
```

## Parameters

app [IApplicationBuilder](#)<sup>↗</sup>

environment [IHostEnvironment](#)<sup>↗</sup>

## ConfigureServices(IServiceCollection, IHostEnvironment)

```
public virtual void ConfigureServices(IServiceCollection services,
IHostEnvironment environment)
```

## Parameters

services [ICollection](#)

environment [IHostEnvironment](#)

# Namespace PipelineTFM.Configuration

## Classes

[AppSettingsConfiguration](#)

[AutoMapperStartup](#)

[ConfigurationHelper](#)

[DatabaseConfiguration](#)

[ProblemDetailsStartup](#)

[RepositoryStartup](#)

[SerilogConfiguration](#)

[ServiceStartup](#)

[SwaggerConfiguration](#)

[WebConfiguration](#)

# Class AppSettingsConfiguration

Namespace: [PipelineTFM.Configuration](#)

Assembly: PipelineTFM.dll

```
public static class AppSettingsConfiguration
```

## Inheritance

[object](#)  ← AppSettingsConfiguration

## Inherited Members

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

## Methods

### AddAppSettingsModule(IServiceCollection, IConfiguration)

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

## Parameters

**services** [IServiceCollection](#) 

**configuration** [IConfiguration](#) 

## Returns

[IServiceCollection](#) 



# Class AutoMapperStartup

Namespace: [PipelineTFM.Configuration](#)

Assembly: PipelineTFM.dll

```
public static class AutoMapperStartup
```

## Inheritance

[object](#)  ← AutoMapperStartup

## Inherited Members

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

## Methods

### AddAutoMapperModule(IServiceCollection)

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

## Parameters

**services** [IServiceCollection](#) 

## Returns

[IServiceCollection](#) 

# Class ConfigurationHelper

Namespace: [PipelineTFM.Configuration](#)

Assembly: PipelineTFM.dll

```
public static class ConfigurationHelper
```

## Inheritance

[object](#)  ← ConfigurationHelper

## Inherited Members

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

## Methods

### GetOptions<TModel>(IConfiguration, string)

```
public static TModel GetOptions<TModel>(this IConfiguration configuration, string  
section) where TModel : new()
```

## Parameters

configuration [IConfiguration](#) 

section [string](#) 

## Returns

TModel

## Type Parameters

TModel

# Class DatabaseConfiguration

Namespace: [PipelineTFM.Configuration](#)








Assembly: PipelineTFM.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\(\)](#) 

## Methods

### AddDatabaseModule(IServiceCollection, IConfiguration)

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

## Parameters

**services** [IServiceCollection](#) 

**configuration** [IConfiguration](#) 

## Returns

[IServiceCollection](#) 

### UseApplicationDatabase(IApplicationBuilder, IHostEnvironment)

```
public static IApplicationBuilder UseApplicationDatabase(this IApplicationBuilder  
app, IHostEnvironment environment)
```

## Parameters

app [IApplicationBuilder](#)

environment [IHostEnvironment](#)

## Returns

[IApplicationBuilder](#)

# Class ProblemDetailsStartup

Namespace: [PipelineTFM.Configuration](#)

Assembly: PipelineTFM.dll

```
public static class ProblemDetailsStartup
```

## Inheritance

[object](#)  ← ProblemDetailsStartup

## Inherited Members

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

## Methods

### AddProblemDetailsModule(IServiceCollection, IHostEnvironment)

```
public static IServiceCollection AddProblemDetailsModule(this IServiceCollection  
services, IHostEnvironment environment)
```

## Parameters

**services** [IServiceCollection](#) 

**environment** [IHostEnvironment](#) 

## Returns

[IServiceCollection](#) 

### UseApplicationProblemDetails(IApplicationBuilder)

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

## Parameters

app [IApplicationBuilder](#)

## Returns

[IApplicationBuilder](#)

# Class RepositoryStartup

Namespace: [PipelineTFM.Configuration](#)








Assembly: PipelineTFM.dll

```
public static class RepositoryStartup
```

## Inheritance

[object](#)  ← RepositoryStartup

## Inherited Members

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

## Methods

### AddRepositoryModule(IServiceCollection)

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

## Parameters

**services** [IServiceCollection](#) 

## Returns

[IServiceCollection](#) 

# Class SerilogConfiguration

Namespace: [PipelineTFM.Configuration](#)








Assembly: PipelineTFM.dll

```
public static class SerilogConfiguration
```

## Inheritance

[object](#)  ← SerilogConfiguration

## Inherited Members

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

## Methods

### AddSerilog(ILoggingBuilder, IConfiguration)

Create application logger from configuration.

```
public static ILoggingBuilder AddSerilog(this ILoggingBuilder loggingBuilder,  
IConfiguration appConfiguration)
```

## Parameters

*loggingBuilder* [ILoggingBuilder](#) 

*appConfiguration* [IConfiguration](#) 

## Returns

[ILoggingBuilder](#) 



# Class ServiceStartup

Namespace: [PipelineTFM.Configuration](#)

Assembly: PipelineTFM.dll

```
public static class ServiceStartup
```

## Inheritance

[object](#)  ← ServiceStartup

## Inherited Members

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

## Methods

### AddServiceModule(IServiceCollection)

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

## Parameters

**services** [IServiceCollection](#) 

## Returns

[IServiceCollection](#) 

# Class SwaggerConfiguration

Namespace: [PipelineTFM.Configuration](#)








Assembly: PipelineTFM.dll

```
public static class SwaggerConfiguration
```

## Inheritance

[object](#)  ← SwaggerConfiguration

## Inherited Members

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

## Methods

### AddSwaggerModule(IServiceCollection)

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

#### Parameters

**services** [IServiceCollection](#) 

#### Returns

[IServiceCollection](#) 

### UseApplicationSwagger(IApplicationBuilder)

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

#### Parameters

app [IApplicationBuilder](#)

Returns

[IApplicationBuilder](#)

# Class WebConfiguration

Namespace: [PipelineTFM.Configuration](#)

Assembly: PipelineTFM.dll

```
public static class WebConfiguration
```

## Inheritance

[object](#)  ← WebConfiguration

## Inherited Members

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

## Methods

### AddWebModule(IServiceCollection)

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

#### Parameters

**services** [IServiceCollection](#) 

#### Returns

[IServiceCollection](#) 

### UseApplicationWeb(IApplicationBuilder, IHostEnvironment)

```
public static IApplicationBuilder UseApplicationWeb(this IApplicationBuilder app, IHostEnvironment env)
```

## Parameters

**app** [IApplicationBuilder](#)

**env** [IHostEnvironment](#)

## Returns

[IApplicationBuilder](#)

# Namespace PipelineTFM.Configuration. AutoMapper

## Classes

[AutoMapperProfile](#)

# Class AutoMapperProfile

Namespace: [PipelineTFM.Configuration.AutoMapper](#)

Assembly: PipelineTFM.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()
```

# Namespace PipelineTFM.Controllers

## Classes

[MessageController](#)



# Class MessageController

Namespace: [PipelineTFM.Controllers](#)

Assembly: PipelineTFM.dll

```
[Route("api/messages")]  
[ApiController]  
public class MessageController : ControllerBase
```

## Inheritance

[object](#)  ← [ControllerBase](#)  ← MessageController

## 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\(string, object\)](#) , [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

## MessageController(IMessagesService)

```
public MessageController(IMessagesService service)
```

### Parameters

service [IMessagesService](#)

## Methods

### GetMessages(int?)

```
[HttpGet("")]  
public ActionResult<IList<MessageDto>> GetMessages(int? number)
```

### Parameters

number [int?](#)

### Returns

[ActionResult](#) <[IList](#) <[MessageDto](#)>>

### PostMessage(MessageDto)

```
[HttpPost("")]  
public ActionResult<MessageDto> PostMessage(MessageDto messageDto)
```

### Parameters

messageDto [MessageDto](#)

### Returns

[ActionResult](#)  <[MessageDto](#)>

# Namespace PipelineTFM.Crosscutting. Constants

## Classes

[ErrorConstants](#)

# Class ErrorConstants

Namespace: [PipelineTFM.Crosscutting.Constants](#)

Assembly: PipelineTFM.Crosscutting.dll

```
public static class ErrorConstants
```

## Inheritance

[object](#)  ← ErrorConstants

## Inherited Members

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

## Fields

### ConstraintViolationType

```
public static readonly string ConstraintViolationType
```

Field Value

[string](#) 

### DefaultType

```
public static readonly string DefaultType
```

Field Value

[string](#) 

### EmailAlreadyUsedType



```
public static readonly string EmailAlreadyUsedType
```

Field Value

[string](#)

## EmailNotFoundType

```
public static readonly string EmailNotFoundType
```

Field Value

[string](#)

## EntityNotFoundType

```
public static readonly string EntityNotFoundType
```

Field Value

[string](#)

## ErrValidation

```
public const string ErrValidation = "error.validation"
```

Field Value

[string](#)

## InvalidPasswordType

```
public static readonly string InvalidPasswordType
```

Field Value

[string](#)

## LoginAlreadyUsedType

```
public static readonly string LoginAlreadyUsedType
```

Field Value

[string](#)

## ParametrizedType

```
public static readonly string ParametrizedType
```

Field Value

[string](#)

# Namespace PipelineTFM.Crosscutting. Exceptions

## Classes

[BadRequestAlertException](#)

[BaseException](#)

[InternalServerErrorException](#)

# Class BadRequestAlertException

Namespace: [PipelineTFM.Crosscutting.Exceptions](#)

Assembly: PipelineTFM.Crosscutting.dll

```
public class BadRequestAlertException : BaseException, ISerializable
```

## Inheritance

[object](#)  ← [Exception](#)  ← [BaseException](#) ← BadRequestAlertException

## Implements

[ISerializable](#) 

## Inherited Members

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

## Constructors

### BadRequestAlertException(string, string, string)

```
public BadRequestAlertException(string detail, string entityName, string errorKey)
```

## Parameters

detail [string](#) 

entityName [string](#) 

errorKey [string](#) 

# BadRequestAlertException(string, string, string, string)

```
public BadRequestAlertException(string type, string detail, string entityName,  
string errorKey)
```

## Parameters

type [string](#)

detail [string](#)

entityName [string](#)

errorKey [string](#)

# Class BaseException

Namespace: [PipelineTFM.Crosscutting.Exceptions](#)

Assembly: PipelineTFM.Crosscutting.dll

```
public abstract class BaseException : Exception, ISerializable
```

## Inheritance

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

## Implements

[ISerializable](#)

## Derived

[BadRequestAlertException](#), [InternalServerErrorException](#)

## Inherited Members

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

## Constructors

### BaseException(string, string)

```
public BaseException(string type, string detail)
```

## Parameters

type [string](#)

detail [string](#)

## BaseException(string, string, string)

```
public BaseException(string type, string detail, string entityName)
```

### Parameters

type [string](#)

detail [string](#)

entityName [string](#)

## BaseException(string, string, string, string)

```
public BaseException(string type, string detail, string entityName, string errorKey)
```

### Parameters

type [string](#)

detail [string](#)

entityName [string](#)

errorKey [string](#)

## Properties

### Detail

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

### Property Value

[string](#)

## EntityName

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

Property Value

[string](#)

## ErrorKey

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

Property Value

[string](#)

## Type

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

Property Value

[string](#)



# Class InternalServerErrorException

Namespace: [PipelineTFM.Crosscutting.Exceptions](#)

Assembly: PipelineTFM.Crosscutting.dll

```
public class InternalServerErrorException : BaseException, ISerializable
```

## Inheritance

[object](#)  ← [Exception](#)  ← [BaseException](#) ← InternalServerErrorException

## Implements

[ISerializable](#) 

## Inherited Members

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

## Constructors

### InternalServerErrorException(string)

```
public InternalServerErrorException(string message)
```

## Parameters

message [string](#) 

# Namespace PipelineTFM.Domain.Entities

## Classes

[BaseEntity<TKey>](#)

[Message](#)

# Class BaseEntity<TKey>

Namespace: [PipelineTFM.Domain.Entities](#)

Assembly: PipelineTFM.Domain.dll

```
public class BaseEntity<TKey>
```

## Type Parameters

**TKey**

## Inheritance

[object](#) ← BaseEntity<TKey>

## Derived

[Message](#)

## 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 TKey Id { get; set; }
```

## Property Value

**TKey**

# Class Message

Namespace: [PipelineTFM.Domain.Entities](#)

Assembly: PipelineTFM.Domain.dll

```
public class Message : BaseEntity<long>
```

## Inheritance

[object](#) < [BaseEntity](#) < [long](#) > < Message

## Inherited Members

[BaseEntity<long>.Id](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

## Properties

### Author

```
[Required]  
[MinLength(3)]  
[MaxLength(32)]  
public string Author { get; set; }
```

### Property Value

[string](#)

### Content

```
[Required]  
[MaxLength(512)]  
[Column("message_content")]  
public string Content { get; set; }
```

### Property Value

[string](#)

## PublicationDate

```
[Required]
[Column("publication_date")]
public DateTime PublicationDate { get; set; }
```

## Property Value

[DateTime](#)

# Namespace PipelineTFM.Domain. Repositories.Interfaces

## Interfaces

[IMessageRepository](#)

# Interface IMessageRepository

Namespace: [PipelineTFM.Domain.Repositories.Interfaces](#)

Assembly: PipelineTFM.Infrastructure.dll

```
public interface IMessageRepository
```

## Methods

### Add(Message)

```
Message Add(Message message)
```

#### Parameters

**message** [Message](#)

#### Returns

[Message](#)

### GetAllAsync()

```
Task<IEnumerable<Message>> GetAllAsync()
```

#### Returns

[Task](#) [IEnumerable](#) [Message](#)

### GetLastsAsync(int)

```
Task<IEnumerable<Message>> GetLastsAsync(int number)
```

## Parameters

number [int](#)

## Returns

[Task](#) <[IEnumerable](#) <[Message](#)>>

# SaveChangesAsync()

```
Task<int> SaveChangesAsync()
```

## Returns

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



# Namespace PipelineTFM.Domain.Services

## Classes

[MessagesService](#)

[ServicesClassesAssemblyHelper](#)

# Class MessagesService

Namespace: [PipelineTFM.Domain.Services](#)

Assembly: PipelineTFM.Domain.Services.dll

```
public class MessagesService : IMessageService
```

## Inheritance

[object](#)  ← MessagesService

## Implements

[IMessageService](#)

## Inherited Members

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

## Constructors

### MessagesService(IMessageRepository, IMapper)

```
public MessagesService(IMessageRepository repository, IMapper mapper)
```

## Parameters

*repository* [IMessageRepository](#)

*mapper* IMapper

## Methods

### GetMessages()

```
public List<MessageDto> GetMessages()
```

Returns

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

## GetMessages(int)

```
public List<MessageDto> GetMessages(int number)
```

Parameters

number [int](#)

Returns

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

## PostMessage(MessageDto)

```
public MessageDto PostMessage(MessageDto postedMessage)
```

Parameters

postedMessage [MessageDto](#)

Returns

[MessageDto](#)

# Class ServicesClassesAssemblyHelper

Namespace: [PipelineTFM.Domain.Services](#)

Assembly: PipelineTFM.Domain.Services.dll

```
public class ServicesClassesAssemblyHelper
```

## Inheritance

[object](#)  ← ServicesClassesAssemblyHelper

## Inherited Members

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

## Fields

## Namespace

```
public static readonly string Namespace
```

## Field Value

[string](#) 

# Namespace PipelineTFM.Domain.Services. Interfaces

## Interfaces

[IMessagesService](#)

# Interface IMessageService

Namespace: [PipelineTFM.Domain.Services.Interfaces](#)

Assembly: PipelineTFM.Domain.Services.dll

```
public interface IMessageService
```

## Methods

### GetMessages()

```
List<MessageDto> GetMessages()
```

Returns

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

### GetMessages(int)

```
List<MessageDto> GetMessages(int number)
```

Parameters

number [int](#)

Returns

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

### PostMessage(MessageDto)

```
MessageDto PostMessage(MessageDto postedMessage)
```

## Parameters

`postedMessage` [MessageDto](#)

## Returns

[MessageDto](#)

# Namespace PipelineTFM.Dto.Messages

## Classes

[MessageDto](#)



# Class MessageDto

Namespace: [PipelineTFM.Dto.Messages](#)

Assembly: PipelineTFM.Dto.dll

```
public class MessageDto
```

## Inheritance

[object](#)  ← MessageDto

## Inherited Members

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

## Properties

### Author

```
[Required]  
[MinLength(3)]  
[MaxLength(32)]  
public string Author { get; set; }
```

### Property Value

[string](#) 

### Content

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

### Property Value

[string](#)

## PublicationDate

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

Property Value

[DateTime](#)

# Namespace PipelineTFM.Infrastructure. Data

## Classes

[MessageDbContext](#)

# Class MessageDbContext

Namespace: [PipelineTFM.Infrastructure.Data](#)

Assembly: PipelineTFM.Infrastructure.dll

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

## Inheritance

[object](#)  ← [DbContext](#)  ← MessageDbContext

## 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.OnModelCreating\(ModelBuilder\)](#) , [DbContext.SaveChanges\(\)](#) ,  
[DbContext.SaveChanges\(bool\)](#) , [DbContext.SaveChangesAsync\(CancellationTok](#) ,  
[DbContext.SaveChangesAsync\(bool, CancellationTok](#) , [DbContext.Dispose\(\)](#) ,  
[DbContext.DisposeAsync\(\)](#) , [DbContext.Entry<TEntity>\(TEntity\)](#) ,  
[DbContext.Entry\(object\)](#) , [DbContext.Add<TEntity>\(TEntity\)](#) ,  
[DbContext.AddAsync<TEntity>\(TEntity, CancellationTok](#) ,  
[DbContext.Attach<TEntity>\(TEntity\)](#) , [DbContext.Update<TEntity>\(TEntity\)](#) ,  
[DbContext.Remove<TEntity>\(TEntity\)](#) , [DbContext.Add\(object\)](#) ,  
[DbContext.AddAsync\(object, CancellationTok](#) , [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>, CancellationTok](#) ,  
[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

### MessageDbContext(DbContextOptions)

```
public MessageDbContext(DbContextOptions options)
```

#### Parameters

*options* [DbContextOptions](#)

## Properties

### Messages

```
public DbSet<Message> Messages { get; set; }
```

#### Property Value

[DbSet](#) <[Message](#)>

# Namespace PipelineTFM.Infrastructure. Data.Repositories

## Classes

[MessageRepository](#)

# Class MessageRepository

Namespace: [PipelineTFM.Infrastructure.Data.Repositories](#)

Assembly: PipelineTFM.Infrastructure.dll

```
public class MessageRepository : IMessageRepository
```








## Inheritance

[object](#)  ← MessageRepository

## Implements

[IMessageRepository](#)

## Inherited Members

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

## Constructors

### MessageRepository(MessageDbContext)

```
public MessageRepository(MessageDbContext dbContext)
```

## Parameters

**dbContext** [MessageDbContext](#)

## Methods

### Add(Message)

```
public Message Add(Message message)
```

## Parameters

message [Message](#)

Returns

[Message](#)

## GetAllAsync()

```
public Task<IEnumerable<Message>> GetAllAsync()
```

Returns

[Task](#) <[IEnumerable](#) <[Message](#)>>

## GetLastsAsync(int)

```
public Task<IEnumerable<Message>> GetLastsAsync(int number)
```

Parameters

number [int](#)

Returns

[Task](#) <[IEnumerable](#) <[Message](#)>>

## SaveChangesAsync()

```
public Task<int> SaveChangesAsync()
```

Returns

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



# Namespace PipelineTFM.Web.Extensions

## Classes

[ActionResultExtensions](#)

[ActionResultWithHeaders](#)

[HttpRequestExtensions](#)

# Class ActionResultExtensions

Namespace: [PipelineTFM.Web.Extensions](#)








Assembly: PipelineTFM.dll

```
public static class ActionResultExtensions
```

## Inheritance

[object](#)  ← ActionResultExtensions

## Inherited Members

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

## Methods

### WithHeaders(ActionResult, IDictionary)

```
public static ActionResult WithHeaders(this ActionResult receiver,  
IDictionary headers)
```

## Parameters

**receiver** [ActionResult](#) 

**headers** [IDictionary](#) 

## Returns

[ActionResult](#) 

# Class ActionResultWithHeaders

Namespace: [PipelineTFM.Web.Extensions](#)

Assembly: PipelineTFM.dll

```
public class ActionResultWithHeaders : ActionResult, IActionResult
```

## Inheritance

[object](#)  ← [ActionResult](#)  ← ActionResultWithHeaders

## Implements

[IActionResult](#) 

## Inherited Members

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

## Extension Methods

[ActionResultExtensions.WithHeaders\(ActionResult, IHeaderDictionary\)](#)

## Constructors

ActionResultWithHeaders(ActionResult,  
IHeaderDictionary)

```
public ActionResultWithHeaders(ActionResult receiver, IHeaderDictionary headers)
```

## Parameters

*receiver* [ActionResult](#) 

*headers* [IHeaderDictionary](#) 

## Methods

# ExecuteResult(ActionContext)

Executes the result operation of the action method synchronously. This method is called by MVC to process the result of an action method.


```
public override void ExecuteResult(ActionContext context)
```

## Parameters

context [ActionContext](#)

The context in which the result is executed. The context information includes information about the action that was executed and request information.

# ExecuteResultAsync(ActionContext)

Executes the result operation of the action method asynchronously. This method is called by MVC to process the result of an action method. The default implementation of this method calls the [ExecuteResult\(ActionContext\)](#) method and returns a completed task.

```
public override Task ExecuteResultAsync(ActionContext context)
```

## Parameters

context [ActionContext](#)

The context in which the result is executed. The context information includes information about the action that was executed and request information.

## Returns

[Task](#)

A task that represents the asynchronous execute operation.

# Class HttpRequestExtensions

Namespace: [PipelineTFM.Web.Extensions](#)

Assembly: PipelineTFM.dll

```
public static class HttpRequestExtensions
```

## Inheritance

[object](#)  ← HttpRequestExtensions

## Inherited Members

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

## Methods

### BodyAsStringAsyncAsync(HttpRequest, Encoding)

```
public static Task<string> BodyAsStringAsync(this HttpRequest request, Encoding  
encoding = null)
```

## Parameters

**request** [HttpRequest](#) 

**encoding** [Encoding](#) 

## Returns

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

# Namespace PipelineTFM.Web.Filters

## Classes

[ValidateModelAttribute](#)

# Class ValidateModelAttribute

Namespace: [PipelineTFM.Web.Filters](#)

Assembly: PipelineTFM.dll

```
public class ValidateModelAttribute : ActionFilterAttribute,  
IActionFilter, IAsyncActionFilter, IResultFilter, IAsyncResultFilter,  
IOrderedFilter, IFilterMetadata
```

## Inheritance

[object](#)  ← [Attribute](#)  ← [ActionFilterAttribute](#)  ← ValidateModelAttribute

## Implements

[IActionFilter](#) , [IAsyncActionFilter](#) , [IResultFilter](#) , [IAsyncResultFilter](#) , [IOrderedFilter](#) ,  
[IFilterMetadata](#) 

## Inherited Members

[ActionFilterAttribute.OnActionExecuted\(ActionExecutedContext\)](#) ,  
[ActionFilterAttribute.OnActionExecutionAsync\(ActionExecutingContext, ActionExecutionDelegate\)](#) ,  
[ActionFilterAttribute.OnResultExecuting\(ResultExecutingContext\)](#) ,  
[ActionFilterAttribute.OnResultExecuted\(ResultExecutedContext\)](#) ,  
[ActionFilterAttribute.OnResultExecutionAsync\(ResultExecutingContext, ResultExecutionDelegate\)](#) ,  
[ActionFilterAttribute.Order](#) , [Attribute.Equals\(object\)](#) ,  
[Attribute.GetCustomAttribute\(Assembly, Type\)](#) ,  
[Attribute.GetCustomAttribute\(Assembly, Type, bool\)](#) ,  
[Attribute.GetCustomAttribute\(MemberInfo, Type\)](#) ,  
[Attribute.GetCustomAttribute\(MemberInfo, Type, bool\)](#) ,  
[Attribute.GetCustomAttribute\(Module, Type\)](#) ,  
[Attribute.GetCustomAttribute\(Module, Type, bool\)](#) ,  
[Attribute.GetCustomAttribute\(ParameterInfo, Type\)](#) ,  
[Attribute.GetCustomAttribute\(ParameterInfo, Type, bool\)](#) ,  
[Attribute.GetCustomAttributes\(Assembly\)](#) ,  
[Attribute.GetCustomAttributes\(Assembly, bool\)](#) ,  
[Attribute.GetCustomAttributes\(Assembly, Type\)](#) ,  
[Attribute.GetCustomAttributes\(Assembly, Type, bool\)](#) ,  
[Attribute.GetCustomAttributes\(MemberInfo\)](#) ,  
[Attribute.GetCustomAttributes\(MemberInfo, bool\)](#) 

[Attribute.GetCustomAttributes\(MemberInfo, Type\)](#) ,  
[Attribute.GetCustomAttributes\(MemberInfo, Type, bool\)](#) ,  
[Attribute.GetCustomAttributes\(Module\)](#) , [Attribute.GetCustomAttributes\(Module, bool\)](#) ,  
[Attribute.GetCustomAttributes\(Module, Type\)](#) ,  
[Attribute.GetCustomAttributes\(Module, Type, bool\)](#) ,  
[Attribute.GetCustomAttributes\(ParameterInfo\)](#) ,  
[Attribute.GetCustomAttributes\(ParameterInfo, bool\)](#) ,  
[Attribute.GetCustomAttributes\(ParameterInfo, Type\)](#) ,  
[Attribute.GetCustomAttributes\(ParameterInfo, Type, bool\)](#) , [Attribute.GetHashCode\(\)](#) ,  
[Attribute.IsDefaultAttribute\(\)](#) , [Attribute.IsDefined\(Assembly, Type\)](#) ,  
[Attribute.IsDefined\(Assembly, Type, bool\)](#) , [Attribute.IsDefined\(MemberInfo, Type\)](#) ,  
[Attribute.IsDefined\(MemberInfo, Type, bool\)](#) , [Attribute.IsDefined\(Module, Type\)](#) ,  
[Attribute.IsDefined\(Module, Type, bool\)](#) , [Attribute.IsDefined\(ParameterInfo, Type\)](#) ,  
[Attribute.IsDefined\(ParameterInfo, Type, bool\)](#) , [Attribute.Match\(object\)](#) ,  
[Attribute.TypeId](#) , [object.Equals\(object, object\)](#) , [object.GetType\(\)](#) ,  
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

## Methods

### OnActionExecuting(ActionExecutingContext)

Called before the action executes, after model binding is complete.

```
public override void OnActionExecuting(ActionExecutingContext context)
```

#### Parameters

**context** [ActionExecutingContext](#)

The [ActionExecutingContext](#).



# Namespace PipelineTFM.Web.Rest. Problems

## Classes

[ProblemDetailsConfiguration](#)

[ValidationFailedProblem](#)

# Class ProblemDetailsConfiguration

Namespace: [PipelineTFM.Web.Rest.Problems](#)

Assembly: PipelineTFM.dll

```
public class ProblemDetailsConfiguration : IConfigureOptions<ProblemDetailsOptions>
```

## Inheritance

[object](#)  ← ProblemDetailsConfiguration

## Implements

[IConfigureOptions](#)  <ProblemDetailsOptions>

## Inherited Members

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

## Constructors

### ProblemDetailsConfiguration(IHostEnvironment, IHttpContextAccessor)

```
public ProblemDetailsConfiguration(IHostEnvironment environment,  
IHttpContextAccessor httpContextAccessor)
```

## Parameters

**environment** [IHostEnvironment](#) 

**httpContextAccessor** [IHttpContextAccessor](#) 

## Methods

### Configure(ProblemDetailsOptions)

Invoked to configure a `Hellang.Middleware.ProblemDetails.ProblemDetailsOptions` instance.

```
public void Configure(ProblemDetailsOptions options)
```

## Parameters

**options** ProblemDetailsOptions

The options instance to configure.

# Class ValidationFailedProblem

Namespace: [PipelineTFM.Web.Rest.Problems](#)

Assembly: PipelineTFM.dll

```
public class ValidationFailedProblem : ProblemDetailsException, ISerializable
```

## Inheritance

[object](#)  ← [Exception](#)  ← ProblemDetailsException ← ValidationFailedProblem

## Implements

[ISerializable](#) 

## Inherited Members

ProblemDetailsException.ToString() , ProblemDetailsException.Details ,  
[Exception.GetBaseException\(\)](#)  ,  
[Exception.GetObjectData\(SerializationInfo, StreamingContext\)](#)  , [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

### ValidationFailedProblem(ModelStateDictionary)

```
public ValidationFailedProblem(ModelStateDictionary modelState)
```

## Parameters

modelState [ModelStateDictionary](#) 