Namespace Solstice.API.Attributes

Classes

[DeleteAttribute](#)

DeleteAttribute is a class that extends the HttpDeleteAttribute class in the Microsoft.AspNetCore.Mvc package. It allows customization of the DELETE HTTP verb attribute in a Controller action method signature.

[GetAttribute](#)

GetAttribute class inherits from the HttpGetAttribute class in Microsoft.AspNetCore.Mvc. It works as a HTTP GET method attribute with optional route template. This class has two constructors. The default constructor creates a new GetAttribute with no parameters. The second one accepts a string parameter that represents a route template.

[HeadAttribute](#)

Represents an attribute that specifies that an action supports the HTTP HEAD method.

[PatchAttribute](#)

The PatchAttribute class represents a custom attribute to indicate that an action method should handle HTTP PATCH requests. It has been derived from the HttpPatchAttribute class provided by the ASP.NET Core MVC framework.

[PostAttribute](#)

The 'PostAttribute' class is a decorator extending from the 'HttpPostAttribute' class in the Microsoft ASP.NET Core MVC framework. It is used to specify the HTTP POST request methods for the action methods in the controller class.

[PutAttribute](#)

The PutAttribute class inherits from the HttpPutAttribute class and represents an attribute that is used to indicate the HTTP PUT method for an action within a controller.

Class DeleteAttribute

Namespace: [Solstice](#).[API](#).[Attributes](#)

Assembly: Solstice.API.dll

DeleteAttribute is a class that extends the HttpDeleteAttribute class in the Microsoft.AspNetCore.Mvc package. It allows customization of the DELETE HTTP verb attribute in a Controller action method signature.

```
public class DeleteAttribute : HttpDeleteAttribute, IActionHttpMethodProvider,
IRouteTemplateProvider
```

Inheritance

[object](#) ← [Attribute](#) ← [HttpMethodAttribute](#) ← [HttpDeleteAttribute](#) ← DeleteAttribute

Implements

[IActionHttpMethodProvider](#), [IRouteTemplateProvider](#)

Inherited Members

[HttpMethodAttribute.HttpMethods](#) , [HttpMethodAttribute.Template](#) ,
[HttpMethodAttribute.Order](#) , [HttpMethodAttribute.Name](#) , [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)](#) ,

Constructors

DeleteAttribute()

Default constructor that creates a new instance of DeleteAttribute.

```
public DeleteAttribute()
```

DeleteAttribute(string)

Constructor that creates a new instance of DeleteAttribute with a route template.

```
public DeleteAttribute(string template)
```

Parameters

`template` [string](#)

A string that specifies the URI route template for this attribute.

Class GetAttribute

Namespace: [Solstice](#).[API](#).[Attributes](#)

Assembly: Solstice.API.dll

GetAttribute class inherits from the HttpGetAttribute class in Microsoft.AspNetCore.Mvc. It works as a HTTP GET method attribute with optional route template. This class has two constructors. The default constructor creates a new GetAttribute with no parameters. The second one accepts a string parameter that represents a route template.

```
public class GetAttribute : HttpGetAttribute, IActionHttpMethodProvider,
IRouteTemplateProvider
```

Inheritance

[object](#) ← [Attribute](#) ← [HttpMethodAttribute](#) ← [HttpGetAttribute](#) ← GetAttribute

Implements

[IActionHttpMethodProvider](#), [IRouteTemplateProvider](#)

Inherited Members

[HttpMethodAttribute.HttpMethods](#) , [HttpMethodAttribute.Template](#) ,
[HttpMethodAttribute.Order](#) , [HttpMethodAttribute.Name](#) , [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()⧉

Remarks

This attribute is applied to the actions and is used to influence the action selection process during the Routing in ASP.Net Core. It helps the routing mechanism to select the correct action method to execute when a given request arrives. The route template is an optional parameter which can be used to define the route for this attribute.

Constructors

GetAttribute()

```
public GetAttribute()
```

GetAttribute(string)

```
public GetAttribute(string template)
```

Parameters

`template` string⧉

Class HeadAttribute

Namespace: [Solstice](#).[API](#).[Attributes](#)

Assembly: Solstice.API.dll

Represents an attribute that specifies that an action supports the HTTP HEAD method.

```
public class HeadAttribute : HttpHeadAttribute, IActionHttpMethodProvider,
IRouteTemplateProvider
```

Inheritance

[object](#) ← [Attribute](#) ← [HttpMethodAttribute](#) ← [HttpHeadAttribute](#) ← HeadAttribute

Implements

[IActionHttpMethodProvider](#), [IRouteTemplateProvider](#)

Inherited Members

[HttpMethodAttribute.HttpMethods](#) , [HttpMethodAttribute.Template](#) ,
[HttpMethodAttribute.Order](#) , [HttpMethodAttribute.Name](#) , [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()](#) ⧉

Constructors

HeadAttribute()

```
public HeadAttribute()
```

HeadAttribute(string)

```
public HeadAttribute(string template)
```

Parameters

`template` [string](#) ⧉

Class PatchAttribute

Namespace: [Solstice](#).[API](#).[Attributes](#)

Assembly: Solstice.API.dll

The PatchAttribute class represents a custom attribute to indicate that an action method should handle HTTP PATCH requests. It has been derived from the HttpPatchAttribute class provided by the ASP.NET Core MVC framework.

```
public class PatchAttribute : HttpPatchAttribute, IActionHttpMethodProvider,
IRouteTemplateProvider
```

Inheritance

[object](#) ← [Attribute](#) ← [HttpMethodAttribute](#) ← [HttpPatchAttribute](#) ← PatchAttribute

Implements

[IActionHttpMethodProvider](#), [IRouteTemplateProvider](#)

Inherited Members

[HttpMethodAttribute.HttpMethods](#) , [HttpMethodAttribute.Template](#) ,
[HttpMethodAttribute.Order](#) , [HttpMethodAttribute.Name](#) , [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()⧉

Constructors

PatchAttribute()

Default constructor for the PatchAttribute class.

```
public PatchAttribute()
```

PatchAttribute(string)

Constructor with a parameter for the PatchAttribute class. The template parameter is the route template associated with this attribute.

```
public PatchAttribute(string template)
```

Parameters

`template` string⧉

The string that contains the template to associate with this attribute.

Class PostAttribute

Namespace: [Solstice](#).[API](#).[Attributes](#)

Assembly: Solstice.API.dll

The 'PostAttribute' class is a decorator extending from the 'HttpPostAttribute' class in the Microsoft ASP.NET Core MVC framework. It is used to specify the HTTP POST request methods for the action methods in the controller class.

```
public class PostAttribute : HttpPostAttribute, IActionHttpMethodProvider,
IRouteTemplateProvider
```

Inheritance

[object](#) ← [Attribute](#) ← [HttpMethodAttribute](#) ← [HttpPostAttribute](#) ← PostAttribute

Implements

[IActionHttpMethodProvider](#), [IRouteTemplateProvider](#)

Inherited Members

[HttpMethodAttribute.HttpMethods](#) , [HttpMethodAttribute.Template](#) ,
[HttpMethodAttribute.Order](#) , [HttpMethodAttribute.Name](#) , [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()⧉

Constructors

PostAttribute()

```
public PostAttribute()
```

PostAttribute(string)

```
public PostAttribute(string template)
```

Parameters

`template` string⧉

Class PutAttribute

Namespace: [Solstice](#).[API](#).[Attributes](#)

Assembly: Solstice.API.dll

The PutAttribute class inherits from the HttpPutAttribute class and represents an attribute that is used to indicate the HTTP PUT method for an action within a controller.

```
public class PutAttribute : HttpPutAttribute, IActionHttpMethodProvider,
IRouteTemplateProvider
```

Inheritance

[object](#) ← [Attribute](#) ← [HttpMethodAttribute](#) ← [HttpPutAttribute](#) ← PutAttribute

Implements

[IActionHttpMethodProvider](#), [IRouteTemplateProvider](#)

Inherited Members

[HttpMethodAttribute.HttpMethods](#) , [HttpMethodAttribute.Template](#) ,
[HttpMethodAttribute.Order](#) , [HttpMethodAttribute.Name](#) , [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()☐

Constructors

PutAttribute()

Default constructor for the PutAttribute class. Initializes a new instance of the class without
any parameters.

```
public PutAttribute()
```

PutAttribute(string)

Overloaded constructor for the PutAttribute class. Initializes a new instance of the class
with string parameter to represent the template for route data.

```
public PutAttribute(string template)
```

Parameters

`template` string☐

  The route template. This is a pattern against which the URL path is matched.

Namespace Solstice.API.Controllers

Classes

[CoreController](#)

The CoreController is responsible for controlling the behavior of the system when it has to Solstice. This includes authorizing the user who is asking for the system restart, and providing the necessary Solstice API endpoint.

Class CoreController

Namespace: Solstice.API.Controllers

Assembly: Solstice.API.dll

The CoreController is responsible for controlling the behavior of the system when it has to Solstice. This includes authorizing the user who is asking for the system restart, and providing the necessary Solstice API endpoint.

```
[ApiController]
[Route("api/[controller]")]
public class CoreController : ControllerBase
```

Inheritance

object ← ControllerBase ← CoreController

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()↗

Extension Methods

ControllerExtensions.OkOrNoContent<T>(ControllerBase, T?) ,
ControllerExtensions.OkOrNotFound<T>(ControllerBase, T?)

Methods

OkOrNoContent<T>(T)

```
public static ActionResult OkOrNoContent<T>(T result) where T : class
```

Parameters

result T

Returns

ActionResult↗

Type Parameters

T

OkOrNotFound<T>(T)

```
public static ActionResult OkOrNotFound<T>(T result) where T : class
```

Parameters

result T

Returns

ActionResult↗

Type Parameters

T

Namespace Solstice.API.Injections

Classes

CoreInjections

The CoreInjections class is a static class containing methods related to core service injections in an ASP.NET Core application.

Class CoreInjections

Namespace: [Solstice](#).[API](#).[Injections](#)

Assembly: Solstice.API.dll

The CoreInjections class is a static class containing methods related to core service injections in an ASP.NET Core application.

```
public static class CoreInjections
```

Inheritance

[object](#) ← CoreInjections

Inherited Members

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

Methods

UseLowercaseRoutes(IServiceCollection)

This extension method Configures the URL routing system to generate and recognize URLs in lowercase.

```
public static void UseLowercaseRoutes(this IServiceCollection services)
```

Parameters

services [IServiceCollection](#)

The instance of IServiceCollection to add the service to.

Namespace Solstice.API.Scanning

Classes

CoreAssemblyScanning

CoreAssemblyScanningExtensions

Class CoreAssemblyScanning

Namespace: <u>Solstice</u>.<u>API</u>.<u>Scanning</u>

Assembly: Solstice.API.dll

```
public class CoreAssemblyScanning : AssemblyLoadContext
```

Inheritance

<u>object</u> ← <u>AssemblyLoadContext</u> ← CoreAssemblyScanning

Inherited Members

<u>AssemblyLoadContext.EnterContextualReflection()</u> ,
<u>AssemblyLoadContext.EnterContextualReflection(Assembly)</u> ,
<u>AssemblyLoadContext.GetAssemblyName(string)</u> ,
<u>AssemblyLoadContext.GetLoadContext(Assembly)</u> ,
<u>AssemblyLoadContext.LoadFromAssemblyName(AssemblyName)</u> ,
<u>AssemblyLoadContext.LoadFromAssemblyPath(string)</u> ,
<u>AssemblyLoadContext.LoadFromNativeImagePath(string, string)</u> ,
<u>AssemblyLoadContext.LoadFromStream(Stream)</u> ,
<u>AssemblyLoadContext.LoadFromStream(Stream, Stream)</u> ,
<u>AssemblyLoadContext.LoadUnmanagedDll(string)</u> ,
<u>AssemblyLoadContext.LoadUnmanagedDllFromPath(string)</u> ,
<u>AssemblyLoadContext.SetProfileOptimizationRoot(string)</u> ,
<u>AssemblyLoadContext.StartProfileOptimization(string)</u> ,
<u>AssemblyLoadContext.ToString()</u> , <u>AssemblyLoadContext.Unload()</u> ,
<u>AssemblyLoadContext.All</u> , <u>AssemblyLoadContext.Assemblies</u> ,
<u>AssemblyLoadContext.CurrentContextualReflectionContext</u> ,
<u>AssemblyLoadContext.Default</u> , <u>AssemblyLoadContext.IsCollectible</u> ,
<u>AssemblyLoadContext.Name</u> , <u>AssemblyLoadContext.Resolving</u> ,
<u>AssemblyLoadContext.ResolvingUnmanagedDll</u> , <u>AssemblyLoadContext.Unloading</u> ,
<u>object.Equals(object)</u> , <u>object.Equals(object, object)</u> , <u>object.GetHashCode()</u> ,
<u>object.GetType()</u> , <u>object.MemberwiseClone()</u> , <u>object.ReferenceEquals(object, object)</u>

Constructors

CoreAssemblyScanning()

```
public CoreAssemblyScanning()
```

CoreAssemblyScanning(Assembly)

```
public CoreAssemblyScanning(Assembly assembly)
```

Parameters

assembly [Assembly](⌂)

CoreAssemblyScanning(string)

```
public CoreAssemblyScanning(string directoryPath)
```

Parameters

directoryPath [string](⌂)

Methods

Load(AssemblyName)

When overridden in a derived class, allows an assembly to be resolved based on its [AssemblyName](⌂).

```
protected override Assembly Load(AssemblyName assemblyName)
```

Parameters

assemblyName [AssemblyName](⌂)

The object that describes the assembly to be resolved.

Returns

[Assembly](#)

   The resolved assembly, or [null](#).

Scan(Assembly)

```
public static void Scan(Assembly assembly)
```

Parameters

`assembly` [Assembly](#)

ScanAndLoadAssemblies()

```
public void ScanAndLoadAssemblies()
```

ScanByCompanyName(string)

```
public static void ScanByCompanyName(string companyName)
```

Parameters

`companyName` [string](#)

ScanByMetadata()

```
public static void ScanByMetadata()
```

ScanByPrefix(string)

```
public static void ScanByPrefix(string assemblyPrefix)
```

Parameters

assemblyPrefix [string](#)

Class CoreAssemblyScanningExtensions

Namespace: <u>Solstice</u>.<u>API</u>.<u>Scanning</u>

Assembly: Solstice.API.dll

```
public static class CoreAssemblyScanningExtensions
```

Inheritance

<u>object</u>⊡ ← CoreAssemblyScanningExtensions

Inherited Members

<u>object.Equals(object)</u>⊡ , <u>object.Equals(object, object)</u>⊡ , <u>object.GetHashCode()</u>⊡ ,
<u>object.GetType()</u>⊡ , <u>object.MemberwiseClone()</u>⊡ , <u>object.ReferenceEquals(object, object)</u>⊡ ,
<u>object.ToString()</u>⊡

Methods

ScanAndLoadAssemblies(WebApplicationBuilder, Assembly)

```
public static void ScanAndLoadAssemblies(this WebApplicationBuilder builder,
Assembly assembly)
```

Parameters

`builder` <u>WebApplicationBuilder</u>⊡

`assembly` <u>Assembly</u>⊡

ScanAndLoadAssembliesByCompanyName(WebApplicationBuilder, string)

Scan and load assemblies by company name.

```
public static void ScanAndLoadAssembliesByCompanyName(this WebApplicationBuilder
```

```
builder, string companyName)
```

Parameters

builder [WebApplicationBuilder⧉](#)

    Your web api builder

companyName [string⧉](#)

    Your company name set in assemblies settings

ScanAndLoadAssembliesByMetadata(WebApplicationBui lder)

Scan and load assemblies by metadata. Add the metadata attribute "IsSolutionAssembly" to true, surrounded by PropertyGroup.

```
public static void ScanAndLoadAssembliesByMetadata(this WebApplicationBuilder
builder)
```

Parameters

builder [WebApplicationBuilder⧉](#)

    Your web api builder

Remarks

<PropertyGroup><IsSolutionAssembly>true</IsSolutionAssembly></PropertyGroup>

ScanAndLoadAssembliesByPrefix(WebApplicationBuilder , string)

Scan and load assemblies by prefix.

```
public static void ScanAndLoadAssembliesByPrefix(this WebApplicationBuilder builder,
string assemblyPrefix)
```

Parameters

`builder` [WebApplicationBuilder ↗](#)

  Your web api builder

`assemblyPrefix` [string ↗](#)

  The assembly prefix of your projects

Namespace Solstice.API.Utils

Classes

ControllerExtensions

Class ControllerExtensions

Namespace: [Solstice](#).[API](#).[Utils](#)

Assembly: Solstice.API.dll

```
public static class ControllerExtensions
```

Inheritance

[object](#) ← ControllerExtensions

Inherited Members

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

Methods

OkOrNoContent<T>(ControllerBase, T?)

```
public static ActionResult OkOrNoContent<T>(this ControllerBase _, T? result) where
T : class
```

Parameters

_ [ControllerBase](#)

`result` T

Returns

[ActionResult](#)

Type Parameters

`T`

OkOrNotFound<T>(ControllerBase, T?)

```
public static ActionResult OkOrNotFound<T>(this ControllerBase _, T? result) where T
: class
```

Parameters

_ **ControllerBase**⊠

result T

Returns

ActionResult⊠

Type Parameters

T