

Namespace WAMServer

Classes

[Startup](#)

The Startup class is the entry point of the application.

Class Startup

Namespace: [WAMServer](#)

Assembly: server.dll








The Startup class is the entry point of the application.

```
public class Startup
```

Inheritance

[object](#)  ← Startup

Inherited Members

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

Methods

Start()

Responsible for starting the application.

```
public void Start()
```

Namespace WAMServer.Controllers

Classes

[LoginController](#)

The login controller. Responsible for logging in the user.

[UsersController](#)

Controller responsible for handling user-related operations.

Class LoginController

Namespace: [WAMServer.Controllers](#)

Assembly: server.dll

The login controller. Responsible for logging in the user.

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

Inheritance

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

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

LoginController(ILoginService, IConfiguration)

The constructor of the login controller.

```
public LoginController(ILoginService loginService, IConfiguration config)
```

Parameters

loginService [ILoginService](#)

config [IConfiguration](#)

The configuration of the application.

Methods

AuthenticateUserReturnNullIfUnable(string, string)

Authenticates the user. Returns null if unable to authenticate.

```
[NonAction]  
public User? AuthenticateUserReturnNullIfUnable(string email, string password)
```

Parameters

email [string](#)

The email of the user.

password [string](#)

The password of the user.

Returns

[User](#)

The user if authenticated, null otherwise.

GenerateJSONWebToken(User)

Generates a JSON web token.

```
[NonAction]  
public string GenerateJSONWebToken(User userInfo)
```

Parameters

userInfo [User](#)

The user information.

Returns

[string](#) 

The JSON web token.

Login(LoginBody)

Logs in the user.

```
[AllowAnonymous]  
[HttpPost]  
public ActionResult Login(LoginBody body)
```

Parameters

body [LoginBody](#)

The login body. Requires email and password

Returns

[ActionResult](#) 

The result of the login.

Class UsersController

Namespace: [WAMServer.Controllers](#)

Assembly: server.dll

Controller responsible for handling user-related operations.

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

Inheritance

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

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(IRepository<User>,
IRepository<Address>)

```
public UsersController(IRepository<User> userRepository, IRepository<Address>  
addressRepo)
```

Parameters

userRepository [IRepository<User>](#)

addressRepo [IRepository<Address>](#)

Methods

GetUser()

Retrieves the current user's information.

```
[HttpGet]  
[Authorize]  
public ActionResult<UserDTO> GetUser()
```

Returns

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

An ActionResult containing the current user's information if authorized; otherwise, returns an UnauthorizedResult.

Namespace WAMServer.DTO

Classes

[UserDTO](#)

Class UserDTO

Namespace: [WAMServer.DTO](#)








Assembly: server.dll

```
public class UserDTO
```

Inheritance

[object](#)  ← UserDTO

Inherited Members

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

Constructors

UserDTO(Guid, string, string, string, Address?)

```
public UserDTO(Guid id, string firstName, string lastName, string email,  
Address? address)
```

Parameters

id [Guid](#) 

firstName [string](#) 

lastName [string](#) 

email [string](#) 

address [Address](#)

UserDTO(User)

```
public UserDTO(User user)
```

Parameters

user [User](#)

Properties

Address

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

Property Value

[Address](#)

Email

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

Property Value

[string](#)

FirstName

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

Property Value

[string](#)

Id

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

Property Value

[Guid](#)

LastName

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

Property Value

[string](#)

Namespace WAMServer.Data

Classes

[DBInitializer](#)

Class DBInitializer

Namespace: [WAMServer.Data](#)








Assembly: server.dll

```
public class DBInitializer
```

Inheritance

[object](#)  ← DBInitializer

Inherited Members

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

Methods

Seed(IApplicationBuilder)

```
public static void Seed(IApplicationBuilder applicationBuilder)
```

Parameters

applicationBuilder [IApplicationBuilder](#) 

Namespace WAMServer.Interfaces

Interfaces

[ILoginService](#)

[IRepository<T>](#)

[IUserRepository](#)

Interface ILoginService

Namespace: [WAMServer.Interfaces](#)

Assembly: server.dll

```
public interface ILoginService
```

Methods

GetUser(string)

```
User? GetUser(string email)
```

Parameters

email [string](#)

Returns

[User](#)

Interface IRepository<T>

Namespace: [WAMServer.Interfaces](#)

Assembly: server.dll

```
public interface IRepository<T>
```

Type Parameters

T

Methods

AddAsync(T)

```
Task<T> AddAsync(T entity)
```

Parameters

entity T

Returns

[Task](#)[↗] <T>

DeleteAsync(Guid)

```
Task<T> DeleteAsync(Guid id)
```

Parameters

id [Guid](#)[↗]

Returns

[Task](#) <T>

Get(Guid)

```
T? Get(Guid id)
```

Parameters

id [Guid](#)

Returns

T

GetAllAsync()

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

Returns

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

UpdateAsync(T)

```
Task<T> UpdateAsync(T entity)
```

Parameters

entity T

Returns

[Task](#) <T>

Interface IUserRepository

Namespace: [WAMServer.Interfaces](#)

Assembly: server.dll

```
public interface IUserRepository
```

Methods

AddUserAsync(User)

```
Task<User> AddUserAsync(User user)
```

Parameters

user [User](#)

Returns

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

DeleteUserAsync(int)

```
Task<User> DeleteUserAsync(int id)
```

Parameters

id [int](#)

Returns

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

GetUser(Guid)

```
User? GetUser(Guid id)
```

Parameters

id [Guid](#)

Returns

[User](#)

GetUser(string)

```
User? GetUser(string email)
```

Parameters

email [string](#)

Returns

[User](#)

GetUserIncludingAddress(User?)

```
User? GetUserIncludingAddress(User? user)
```

Parameters

user [User](#)

Returns

[User](#)

GetUsersAsync()

```
Task<IEnumerable<User>> GetUsersAsync()
```

Returns

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

UpdateUserAsync(User)

```
Task<User> UpdateUserAsync(User user)
```

Parameters

user [User](#)

Returns

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

Namespace WAMServer.Models

Classes

[Address](#)

Address model

[User](#)

The User class represents a user in the database.

[WamDBContext](#)

The WamDBContext class is responsible for connecting to the database.

Class Address

Namespace: [WAMServer.Models](#)

Assembly: server.dll








Address model

```
public class Address
```

Inheritance

[object](#)  ← Address

Inherited Members

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

Properties

City

The city of the address.

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

Property Value

[string](#) 

HouseNumber

The number of the house address.

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

Property Value

[string](#)

Id

The unique identifier of the address.

```
[Key]  
public Guid Id { get; set; }
```

Property Value

[Guid](#)

Street

The street of the address.

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

Property Value

[string](#)

User

The user of the address.

```
[ForeignKey("UserId")]  
public User? User { get; set; }
```

Property Value

[User](#)

UserId

The country of the address.

```
public Guid? UserId { get; set; }
```

Property Value

[Guid](#)[↗]?

Zip

The state of the address.

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

Property Value

[string](#)[↗]

Class User

Namespace: [WAMServer.Models](#)

Assembly: server.dll








The User class represents a user in the database.

```
public class User
```

Inheritance

[object](#)  ← User

Inherited Members

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

Constructors

User(string, string, string, string)

The default constructor.

```
public User(string firstName, string lastName, string email, string password)
```

Parameters

firstName [string](#) 

The firstname of the user

lastName [string](#) 

The lastname of the user

email [string](#) 

The emailaddress of the user

password [string](#)

The password of the user

Properties

Address

```
[ForeignKey("AddressId")]  
public Address? Address { get; set; }
```

Property Value

[Address](#)

AddressId

```
public Guid? AddressId { get; set; }
```

Property Value

[Guid](#)

Email

```
[Required]  
[Column(TableName = "varchar(100)")]  
public string Email { get; set; }
```

Property Value

[string](#)

FirstName

```
[Required]
[Column(TypeName = "varchar(100)")]
public string FirstName { get; set; }
```

Property Value

[string](#)

Id

```
[Key]
public Guid Id { get; set; }
```

Property Value

[Guid](#)

LastName

```
[Required]
[Column(TypeName = "varchar(100)")]
public string LastName { get; set; }
```

Property Value

[string](#)

Password

```
[Required]
[Column(TypeName = "varchar(100)")]
public string Password { get; set; }
```

Property Value

Class WamDBContext

Namespace: [WAMServer.Models](#)

Assembly: server.dll

The WamDBContext class is responsible for connecting to the database.

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

Inheritance

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

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\(CancellationTokens\)](#),
[DbContext.SaveChangesAsync\(bool, CancellationTokens\)](#), [DbContext.Dispose\(\)](#),
[DbContext.DisposeAsync\(\)](#), [DbContext.Entry<TEntity>\(TEntity\)](#),
[DbContext.Entry\(object\)](#), [DbContext.Add<TEntity>\(TEntity\)](#),
[DbContext.AddAsync<TEntity>\(TEntity, CancellationTokens\)](#),
[DbContext.Attach<TEntity>\(TEntity\)](#), [DbContext.Update<TEntity>\(TEntity\)](#),
[DbContext.Remove<TEntity>\(TEntity\)](#), [DbContext.Add\(object\)](#),
[DbContext.AddAsync\(object, CancellationTokens\)](#), [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\(IEnumerable<object>, CancellationTokens\)](#),
[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

WamDBContext(DbContextOptions<WamDBContext>)

```
public WamDBContext(DbContextOptions<WamDBContext> options)
```

Parameters

options [DbContextOptions](#) <[WamDBContext](#)>

Properties

Addresses

```
public DbSet<Address> Addresses { get; set; }
```

Property Value

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

Users

```
public DbSet<User> Users { get; set; }
```

Property Value

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

Namespace WAMServer.Records

Classes

[LoginBody](#)

Class LoginBody

Namespace: [WAMServer.Records](#)

Assembly: server.dll

```
public record LoginBody : IEquatable<LoginBody>
```








Inheritance

[object](#)  ← LoginBody

Implements

[IEquatable](#)  <[LoginBody](#)>

Inherited Members

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

Constructors

LoginBody(string, string)

```
public LoginBody(string Email, string Password)
```

Parameters

Email [string](#) 

Password [string](#) 

Properties

Email

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

Property Value

[string](#)

Password

```
public string Password { get; init; }
```

Property Value

[string](#)

Namespace WAMServer.Records.Bodies

Classes

[ErrorBody](#)

Class ErrorBody

Namespace: [WAMServer.Records.Bodies](#)

Assembly: server.dll

```
public record ErrorBody : IEquatable<ErrorBody>
```








Inheritance

[object](#)  ← ErrorBody

Implements

[IEquatable](#)  <[ErrorBody](#)>

Inherited Members

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

Constructors

ErrorBody(string)

```
public ErrorBody(string Error)
```

Parameters

Error [string](#) 

Properties

Error

```
public string Error { get; init; }
```

Property Value

Namespace WAMServer.Repositories

Classes

[DbAddressRepository](#)

This class is responsible for handling the database operations for the Address entity.

[DbUserRepository](#)

This class is responsible for handling the database operations for the User entity.

Class DbAddressRepository


Namespace: [WAMServer.Repositories](#)

Assembly: server.dll

This class is responsible for handling the database operations for the Address entity.

```
public class DbAddressRepository : IRepository<Address>
```








Inheritance

[object](#)  ← DbAddressRepository

Implements

[IRepository](#).[<Address>](#)

Inherited Members

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

Constructors

DbAddressRepository(WamDBContext)

```
public DbAddressRepository(WamDBContext context)
```

Parameters

context [WamDBContext](#)

Methods

AddAsync(Address)

Adds an address to the database in an asynchronous manner.

```
public Task<Address> AddAsync(Address entity)
```

Parameters

entity [Address](#)

The entity to be added. In this case the address.

Returns

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

The created address.

DeleteAsync(Guid)

```
public Task<Address> DeleteAsync(Guid id)
```

Parameters

id [Guid](#)

Returns

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

Get(Guid)

Gets an address from the database by its id.

```
public Address? Get(Guid id)
```

Parameters

id [Guid](#)

The id that's used for fetching the address

Returns

[Address](#)

The address object if it exists in the database, returns null if it doesnt exist.

GetAllAsync()

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

Returns

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

UpdateAsync(Address)

```
public Task<Address> UpdateAsync(Address entity)
```

Parameters

entity [Address](#)

Returns

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

Class DbUserRepository


Namespace: [WAMServer.Repositories](#)

Assembly: server.dll

This class is responsible for handling the database operations for the User entity.

```
public class DbUserRepository : IRepository<User>
```








Inheritance

[object](#)  ← DbUserRepository

Implements

[IRepository](#).[<User>](#)

Inherited Members

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

Constructors

DbUserRepository(WamDBContext)

```
public DbUserRepository(WamDBContext context)
```

Parameters

context [WamDBContext](#)

Methods

AddAsync(User)

Adds a user to the database in an asynchronous manner.

```
public Task<User> AddAsync(User entity)
```

Parameters

entity [User](#)

The entity to be added, in this case the user.

Returns

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

The created user.

DeleteAsync(Guid)

```
public Task<User> DeleteAsync(Guid id)
```

Parameters

id [Guid](#)

Returns

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

Get(Guid)

Gets a user from the database by it's id.

```
public User? Get(Guid id)
```

Parameters

id [Guid](#)

The id of the user to be fetched

Returns

[User](#)

Returns the user from the database if it exists, otherwise a null.

GetAllAsync()

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

Returns

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

UpdateAsync(User)

```
public Task<User> UpdateAsync(User entity)
```

Parameters

entity [User](#)

Returns

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

Namespace WAMServer.Services

Classes

[DBLoginService](#)

Service for handling user authentication through the database.

Class DBLoginService

Namespace: [WAMServer.Services](#)

Assembly: server.dll

Service for handling user authentication through the database.

```
public class DBLoginService : ILoginService
```








Inheritance

[object](#)  ← DBLoginService

Implements

[ILoginService](#)

Inherited Members

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

Constructors

DBLoginService(WamDBContext)

```
public DBLoginService(WamDBContext context)
```

Parameters

context [WamDBContext](#)

Methods

GetUser(string)

Retrieves a user from the database based on their email.

```
public User? GetUser(string email)
```

Parameters

email [string](#)

The email of the user to retrieve.

Returns

[User](#)

The user corresponding to the provided email, if found; otherwise, null.

Namespace WAMServer.Validation

Classes

[InputValidation](#)


Class InputValidation

Namespace: [WAMServer.Validation](#)

Assembly: server.dll

```
public static class InputValidation
```

Inheritance

[object](#)  ← InputValidation

Inherited Members

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

Methods

IsValidEmail(string)

```
public static bool IsValidEmail(string input)
```

Parameters

input [string](#) 

Returns

[bool](#) 

Namespace server.Migrations

Classes

[AddedHouseNumber](#)

A base class inherited by each EF Core migration.

[Init](#)

A base class inherited by each EF Core migration.

[MadeAddressNullable](#)

A base class inherited by each EF Core migration.

Class AddedHouseNumber

Namespace: [server.Migrations](#)

Assembly: server.dll













A base class inherited by each EF Core migration.

```
[DbContext(typeof(WamDbContext))]  
[Migration("20240514132429_AddedHouseNumber")]  
public class AddedHouseNumber : Migration
```


Inheritance

[object](#)  ← [Migration](#)  ← AddedHouseNumber

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 Init

Namespace: [server.Migrations](#)

Assembly: server.dll













A base class inherited by each EF Core migration.

```
[DbContext(typeof(WamDBContext))]  
[Migration("20240514125652_Init")]  
public class Init : Migration
```


Inheritance

[object](#)  ← [Migration](#)  ← Init

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 MadeAddressNullable

Namespace: [server.Migrations](#)

Assembly: server.dll













A base class inherited by each EF Core migration.

```
[DbContext(typeof(WamDbContext))]  
[Migration("2024051413323_MadeAddressNullable")]  
public class MadeAddressNullable : Migration
```


Inheritance

[object](#)  ← [Migration](#)  ← MadeAddressNullable

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.