

Namespace MaintenanceChronicle.Api.Controllers

Classes

[AuthController](#)

[CustomerController](#)

[LocationController](#)

[MachineController](#)

[TenantController](#)

[UserController](#)

Class AuthController

Namespace: [MaintenanceChronicle.Api.Controllers](#)

Assembly: MaintenanceChronicle.Api.dll

```
[ApiController]  
public class AuthController : ControllerBase
```

Inheritance

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

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
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[ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
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 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
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 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
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 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,

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

Constructors

AuthController(IMediator)

```
public AuthController(IMediator mediator)
```

Parameters

mediator IMediator

Methods

GenerateToken(string)

Generates a token for the user to confirm their email

```
[HttpGet("api/v1/auth/generateEmailConfirmToken")]
public Task<ActionResult<string>> GenerateToken(string email)
```

Parameters

`email string`

Users email that specifies which user should get the token

Returns

`Task<ActionResult<string>>`

Login(LoginDto)

Logs in the user with the given information

```
[HttpPost("api/v1/auth/login")]
public Task<ActionResult> Login(LoginDto loginDto)
```

Parameters

`loginDto LoginDto`

Email and password to login user

Returns

`Task<ActionResult>`

Register(RegisterUserDto)

Registers a new user with the given information. The user is not logged in after registration

```
[HttpPost("api/v1/auth/register")]
public Task<ActionResult<Guid>> Register(RegisterUserDto registerUserDto)
```

Parameters

`registerUserDto RegisterUserDto`

Information needed to create new user with specified password

Returns

[Task](#) <ActionResult<Guid>>

RegisterUserTenant(UserTenantDto)

Registers a new user and tenant with the given information. The user is not logged in after registration

```
[HttpPost("api/v1/auth/register-user-tenant")]
public Task<ActionResult<Guid>> RegisterUserTenant(UserTenantDto userTenantDto)
```

Parameters

userTenantDto [UserTenantDto](#)

Information needed to create new user with specified password and tenant

Returns

[Task](#) <ActionResult<Guid>>

ValidateToken(EmailConfirmationTokenForUserDto)

Validates the token that the user has received in their email

```
[HttpPost("api/v1/auth/validateToken")]
public Task<ActionResult> ValidateToken(EmailConfirmationTokenForUserDto confirmPasswordForUserDto)
```

Parameters

confirmTokenForUserDto [EmailConfirmationTokenForUserDto](#)

Email and the given token for email confirmation

Returns

[Task](#) <ActionResult>

Class CustomerController

Namespace: [MaintenanceChronicle.Api.Controllers](#)

Assembly: MaintenanceChronicle.Api.dll

```
[Authorize(Roles = "Admin,GlobalAdmin")]
[ApiController]
public class CustomerController : ControllerBase
```

Inheritance

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

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
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 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\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)
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 ControllerBase.TryValidateModel\(object\) ,  ControllerBase.TryValidateModel\(object, string\) ,
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 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

CustomerController(IMediator)

```
public CustomerController(IMediator mediator)
```

Parameters

mediator IMediator

Methods

CreateCustomer(NewCustomerDto)

Creates customer with the given information

```
[HttpPost("api/v1/customers")]
public Task<ActionResult<Guid>> CreateCustomer(NewCustomerDto newCustomerDto)
```

Parameters

`newCustomerDto` [NewCustomerDto](#)

Information that admin provides

Returns

[Task](#) <[ActionResult](#)> <[Guid](#)>>

New customer id

DeleteCustomer(Guid)

Deletes a specific customer by id

```
[HttpDelete("api/v1/customers/{id:guid}")]
public Task<ActionResult> DeleteCustomer(Guid id)
```

Parameters

`id` [Guid](#)

Returns

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

customer

GetCustomer(Guid)

Gets a specific customer by id

```
[HttpGet("api/v1/customers/{id:guid}")]
public Task<ActionResult> GetCustomer(Guid id)
```

Parameters

`id` [Guid](#)

Returns

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

customer

GetCustomerList()

Updates customer with the given information

```
[HttpGet("api/v1/customers")]
public Task<ActionResult<List<ManageCustomerDetailDto>>> GetCustomerList()
```

Returns

[Task](#) <[ActionResult](#) <[List](#) <[ManageCustomerDetailDto](#)>>>

GetLocationsForCustomer(Guid)

Gets list of locations for the specified customer

```
[HttpGet("api/v1/customers/{id:guid}/locations")]
public Task<ActionResult> GetLocationsForCustomer(Guid id)
```

Parameters

id [Guid](#)

[Guid] customer id

Returns

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

List of locations

UpdateCustomer(Guid,

JsonPatchDocument<ManageCustomerDetailDto>)

Updates customer with the given information

```
[HttpPatch("api/v1/customers/{id:guid}")]
public Task<ActionResult<ManageCustomerDetailDto>> UpdateCustomer(Guid id,
JsonPatchDocument<ManageCustomerDetailDto> patch)
```

Parameters

id [Guid](#)

patch [JsonPatchDocument](#)<[ManageCustomerDetailDto](#)>

Information that admin provides

Returns

[Task](#)<[ActionResult](#)<[ManageCustomerDetailDto](#)>>

Class LocationController

Namespace: [MaintenanceChronicle.Api.Controllers](#)

Assembly: MaintenanceChronicle.Api.dll

```
[Authorize(Roles = "Admin,GlobalAdmin")]
[ApiController]
public class LocationController : ControllerBase
```

Inheritance

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

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
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[ControllerBase.RedirectToActionPermanent\(string, string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanentPreserveMethod\(string, string, object, string\)](#) ,
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[ControllerBase.RedirectToRoutePreserveMethod\(string, object, string\)](#) ,

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 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [ControllerBase.File\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,

[ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [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.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
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 [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

LocationController(IMediator)

```
public LocationController(IMediator mediator)
```

Parameters

mediator IMediator

Methods

CreateLocation(NewLocationDto)

Creates customer with the given information

```
[HttpPost("api/v1/locations")]
public Task<ActionResult<Guid>> CreateLocation(NewLocationDto newLocationDto)
```

Parameters

[newLocationDto](#) [NewLocationDto](#)

Information that admin provides

Returns

[Task](#) <[ActionResult](#)> <[Guid](#)>>

New customer id

DeleteLocation(Guid)

Delete the specified location

```
[HttpDelete("/api/v1/location/{id:guid}")]
public Task<ActionResult> DeleteLocation(Guid id)
```

Parameters

[id](#) [Guid](#)

Returns

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

GetContactsForLocation(Guid)

Gets contacts for specified location

```
[HttpGet("/api/v1/location/{id:guid}/contacts")]
public Task<ActionResult<List<LocationContactInListDto>>> GetContactsForLocation(Guid id)
```

Parameters

[id](#) [Guid](#)

Returns

[Task](#) <ActionResult <List <LocationContactInListDto>>>

GetLocation(Guid)

Get location by id

```
[HttpGet("/api/v1/location/{id:guid}")]
public Task<ActionResult<List<LocationDetailDto>>> GetLocation(Guid id)
```

Parameters

id [Guid](#)

Id that user provides

Returns

[Task](#) <ActionResult <List <LocationDetailDto>>>

GetLocationList()

Gets the list of locations

```
[HttpGet("/api/v1/locations")]
public Task<ActionResult<List<LocationInListDto>>> GetLocationList()
```

Returns

[Task](#) <ActionResult <List <LocationInListDto>>>

GetMachinesForLocation(Guid)

Gets list of machines for the specified location

```
[HttpGet("/api/v1/location/{id:guid}/machines")]
public Task<ActionResult<List<MachineInListForLocationDto>>> GetMachinesForLocation(Guid id)
```

Parameters

id [Guid](#)

User specified location id

Returns

[Task](#) <ActionResult> <List> <[MachineInListForLocationDto](#)>>>

List of machines

ManageContactsToLocation(Guid, ContactsInLocationDto)

Adds contact to Location

```
[HttpPost("/api/v1/location/{id:guid}/contacts")]
public Task<ActionResult> ManageContactsToLocation(Guid id, ContactsInLocationDto
contactsInLocationDto)
```

Parameters

id [Guid](#)

contactsInLocationDto [ContactsInLocationDto](#)

Returns

[Task](#) <ActionResult>

UpdateLocation(Guid, JsonPatchDocument<ManageLocationDetailDto>)

Updates customer with the given information

```
[HttpPatch("api/v1/locations/{id:guid}")]
public Task<ActionResult<ManageLocationDetailDto>> UpdateLocation(Guid id,
JsonPatchDocument<ManageLocationDetailDto> patch)
```

Parameters

id [Guid](#)

patch [JsonPatchDocument](#) <[ManageLocationDetailDto](#)>

Information that admin provides

Returns

[Task](#) <[ActionResult](#) <[ManageLocationDetailDto](#)>>

Class MachineController

Namespace: [MaintenanceChronicle.Api.Controllers](#)

Assembly: MaintenanceChronicle.Api.dll

```
[Authorize(Roles = "Admin,GlobalAdmin")]
[ApiController]
public class MachineController : ControllerBase
```

Inheritance

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

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\(string\)](#) ,
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[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\(string, string, object, string\)](#) ,
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[ControllerBase.RedirectToRoute\(string, object\)](#) , [ControllerBase.RedirectToRoute\(string, string\)](#) ,
[ControllerBase.RedirectToRoute\(string, object, string\)](#) ,
[ControllerBase.RedirectToRoutePreserveMethod\(string, object, string\)](#) ,

[ControllerBase.RedirectToRoutePermanent\(string\)](#) ,
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 [ControllerBase.RedirectToRoutePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanentPreserveMethod\(string, object, string\)](#) ,
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 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
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 [ControllerBase.File\(byte\[\], string\)](#) , [ControllerBase.File\(byte\[\], string, bool\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [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\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
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 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object\)](#) , [ControllerBase.CreatedAtRoute\(object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object, object\)](#) , [ControllerBase.Accepted\(\)](#) ,
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 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
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 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
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 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
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 [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>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
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 [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

MachineController(IMediator)

```
public MachineController(IMediator mediator)
```

Parameters

mediator IMediator

Methods

CreateMachine(NewMachineDto)

Creates new machine

```
[HttpPost("/api/v1/machines")]
public Task<ActionResult<Guid>> CreateMachine(NewMachineDto newMachineDetail)
```

Parameters

`newMachineDetail` [NewMachineDto](#)

Information from user

Returns

[Task](#)<[ActionResult](#)<[Guid](#)>>>

New machine id

DeleteMachine(Guid)

Soft deletes machine by specified id

```
[HttpDelete("/api/v1/machines/{id:guid}")]
public Task<ActionResult> DeleteMachine(Guid id)
```

Parameters

`id` [Guid](#)

User specified machine id

Returns

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

GetMachineById(Guid)

Gets machine by specified id

```
[HttpGet("/api/v1/machines/{id:guid}")]
public Task<ActionResult<MachineDetailDto>> GetMachineById(Guid id)
```

Parameters

`id` [Guid](#)

Machine id specified by user

Returns

[Task](#) <[ActionResult](#) <[MachineDetailDto](#)>>

Patch

GetMachineList()

Gets list of machines

```
[HttpGet("/api/v1/machines")]
public Task<ActionResult<List<MachineInListDto>>> GetMachineList()
```

Returns

[Task](#) <[ActionResult](#) <[List](#) <[MachineInListDto](#)>>>

UpdateMachine(Guid, JsonPatchDocument<ManageMachineDetailDto>)

Updates machine info

```
[HttpPatch("/api/v1/machines/{id:guid}")]
public Task<ActionResult<ManageMachineDetailDto>> UpdateMachine(Guid id,
JsonPatchDocument<ManageMachineDetailDto> patch)
```

Parameters

id [Guid](#)

Updated machine id

patch [JsonPatchDocument](#) <[ManageMachineDetailDto](#)>

Object that says what props should be changed and how

Returns

[Task](#) <ActionResult<[ManageMachineDetailDto](#)>>

Updated MachineDetail

Class TenantController

Namespace: [MaintenanceChronicle.Api.Controllers](#)

Assembly: MaintenanceChronicle.Api.dll

```
[ApiController]  
public class TenantController : ControllerBase
```

Inheritance

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

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\(Stream, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?\)](#) ,
 [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\(string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string\)](#) , [ControllerBase.PhysicalFile\(string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?\)](#) ,
 [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.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

TenantController(IMediator)

```
public TenantController(IMediator mediator)
```

Parameters

mediator IMediator

Methods

AssignCreationInfoToTenant(TenantsCreatorUserIdDto)

Assigns userId and ITrackable info to tenant

```
[HttpPost("api/v1/tenants/creation-info")]
public Task<ActionResult> AssignCreationInfoToTenant(TenantsCreatorUserIdDto
```

```
tenantsCreatorUserId)
```

Parameters

tenantsCreatorUserId [TenantsCreatorUserIdDto](#)

Information that user provides

Returns

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

CreateTenant(NewTenantDto)

Creates a tenant with the given information

```
[HttpPost("api/v1/tenants")]
public Task<ActionResult<Guid>> CreateTenant(NewTenantDto newTenantDto)
```

Parameters

newTenantDto [NewTenantDto](#)

Information that user provides

Returns

[Task](#) <[ActionResult](#)> <[Guid](#)>

GetTenant(Guid)

Gets the tenant with the given id

```
[HttpGet("api/v1/tenants/{id}")]
public Task<ActionResult<TenantDetailDto>> GetTenant(Guid id)
```

Parameters

id [Guid](#)

Id of tenant

Returns

[Task](#) <[ActionResult](#) <[TenantDetailDto](#)>>

GetTenantList()

Gets the list of tenants

```
[HttpGet("api/v1/tenants")]
public Task<ActionResult<List<TenantListDto>>> GetTenantList()
```

Returns

[Task](#) <[ActionResult](#) <[List](#) <[TenantListDto](#)>>>

UpdateTenant(TenantDetailDto)

Updates a tenant with the given information

```
[HttpPatch("api/v1/tenants")]
public Task<ActionResult<Guid>> UpdateTenant(TenantDetailDto tenantDetailDto)
```

Parameters

[tenantDetailDto](#) [TenantDetailDto](#)

Information that user provides

Returns

[Task](#) <[ActionResult](#) <[Guid](#)>>

Class UserController

Namespace: [MaintenanceChronicle.Api.Controllers](#)

Assembly: MaintenanceChronicle.Api.dll

```
[Authorize(Roles = "Admin,GlobalAdmin")]
[ApiController]
public class UserController : ControllerBase
```

Inheritance

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

Inherited Members

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

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

[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.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object\)](#) , [ControllerBase.AcceptedAtRoute\(object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object, object\)](#) , [ControllerBase.Challenge\(\)](#) ,
 [ControllerBase.Challenge\(params string\[\]\)](#) , [ControllerBase.Challenge\(AuthenticationProperties\)](#) ,
 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal\)](#) , [ControllerBase.SignIn\(ClaimsPrincipal, string\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,

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

Constructors

UserController(IMediator)

```
public UserController(IMediator mediator)
```

Parameters

mediator IMediator

Methods

CreateUser(CreateNewUserDto)

Creates a user with the given information

```
[HttpPost("api/v1/users")]
public Task<ActionResult<Guid>> CreateUser(CreateNewUserDto createNewUserDto)
```

Parameters

`createNewUserDto` [CreateNewUserDto](#)

Information that admin provides

Returns

[Task](#) <[ActionResult](#)> <[Guid](#)>>

New user id

GetUser(Guid)

Gets a specific user by id

```
[HttpGet("api/v1/users/{id:guid}")]
public Task<ActionResult> GetUser(Guid id)
```

Parameters

`id` [Guid](#)

Returns

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

user

GetUserList()

Gets a list of users

```
[HttpGet("api/v1/users")]
public Task<ActionResult> GetUserList()
```

Returns

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

List of users

UpdateUser(UpdateUserDetailDto)

Updates a user with the given information

```
[HttpPatch("api/v1/users")]
public Task<ActionResult> UpdateUser(UpdateUserDetailDto userDetailDto)
```

Parameters

`userDetailDto` [UpdateUserDetailDto](#)

Information that admin provides

Returns

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

Namespace MaintenanceChronicle.Api.Utils

Classes

[CurrentTenantProvider](#)

Class CurrentTenantProvider

Namespace: [MaintenanceChronicle.Api.Utils](#)

Assembly: MaintenanceChronicle.Api.dll

```
public class CurrentTenantProvider : ICurrentTenantProvider
```

Inheritance

[object](#) ← CurrentTenantProvider

Implements

[ICurrentTenantProvider](#)

Inherited Members

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

Constructors

CurrentTenantProvider(IHttpContextAccessor)

```
public CurrentTenantProvider(IHttpContextAccessor httpContextAccessor)
```

Parameters

httpContextAccessor [IHttpContextAccessor](#)

Properties

TenantId

```
public Guid TenantId { get; }
```

Property Value

[Guid](#)

Namespace MaintenanceChronicle.Application

Classes

[RequestHandlerRegistrationHelper](#)

Class RequestHandlerRegistrationHelper

Namespace: [MaintenanceChronicle.Application](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class RequestHandlerRegistrationHelper
```

Inheritance

[object](#) ← RequestHandlerRegistrationHelper

Inherited Members

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

Namespace MaintenanceChronicle.Application.Contracts.Customers.Commands

Classes

[CreateNewCustomerCommand](#)

[UpdateCustomerCommand](#)

Class CreateNewCustomerCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Customers.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record CreateNewCustomerCommand : IRequest<Guid>, IBaseRequest,  
IEquatable<CreateNewCustomerCommand>
```

Inheritance

[object](#) ← CreateNewCustomerCommand

Implements

IRequest<[Guid](#)>, IBaseRequest, [IEquatable](#)<[CreateNewCustomerCommand](#)>

Inherited Members

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

Constructors

CreateNewCustomerCommand(NewCustomerDto, string, string)

```
public CreateNewCustomerCommand(NewCustomerDto NewCustomer, string UserId, string TenantId)
```

Parameters

NewCustomer [NewCustomerDto](#)

UserId [string](#)

TenantId [string](#)

Properties

NewCustomer

```
public NewCustomerDto NewCustomer { get; init; }
```

Property Value

[NewCustomerDto](#)

TenantId

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

Property Value

[string](#)

UserId

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

Property Value

[string](#)

Class UpdateCustomerCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Customers.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record UpdateCustomerCommand : IRequest<ManageCustomerDetailDto>, IBaseRequest,  
IEquatable<UpdateCustomerCommand>
```

Inheritance

[object](#) ← UpdateCustomerCommand

Implements

IRequest<[ManageCustomerDetailDto](#)>, IBaseRequest, [IEquatable](#)<[UpdateCustomerCommand](#)>

Inherited Members

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

Constructors

UpdateCustomerCommand(JsonPatchDocument<ManageCustomerDetailDto>, Guid, string)

```
public UpdateCustomerCommand(JsonPatchDocument<ManageCustomerDetailDto> Patch, Guid  
CustomerId, string UserId)
```

Parameters

Patch [JsonPatchDocument](#)<[ManageCustomerDetailDto](#)>

CustomerId [Guid](#)

UserId [string](#)

Properties

CustomerId

```
public Guid CustomerId { get; init; }
```

Property Value

[Guid](#)

Patch

```
public JsonPatchDocument<ManageCustomerDetailDto> Patch { get; init; }
```

Property Value

[JsonPatchDocument](#) <[ManageCustomerDetailDto](#)>

UserId

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

Property Value

[string](#)

Namespace MaintenanceChronicle.Application.Contracts.Customers.Commands.Dto

Classes

[ManageCustomerDetailDto](#)

[ManageCustomerDetailDtoExtensions](#)

[NewCustomerDto](#)

Class ManageCustomerDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Customers.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class ManageCustomerDetailDto
```

Inheritance

[object](#) ← ManageCustomerDetailDto

Inherited Members

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

Extension Methods

[ManageCustomerDetailDtoExtensions.ToCustomerEntity\(ManageCustomerDetailDto\)](#).

Properties

Id

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

Property Value

[Guid](#)

Name

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

Property Value

[string](#)

Class ManageCustomerDetailDtoExtensions

Namespace: [MaintenanceChronicle.Application.Contracts.Customers.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class ManageCustomerDetailDtoExtensions
```

Inheritance

[object](#) ← ManageCustomerDetailDtoExtensions

Inherited Members

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

Methods

ToCustomerEntity(ManageCustomerDetailDto)

```
public static Customer ToCustomerEntity(this ManageCustomerDetailDto manageCustomerDto)
```

Parameters

manageCustomerDto [ManageCustomerDetailDto](#)

Returns

[Customer](#)

ToManageCustomerDetailDto(Customer)

```
public static ManageCustomerDetailDto ToManageCustomerDetailDto(this Customer customer)
```

Parameters

customer [Customer](#)

Returns

[ManageCustomerDetailDto](#)

Class NewCustomerDto

Namespace: [MaintenanceChronicle.Application.Contracts.Customers.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class NewCustomerDto
```

Inheritance

[object](#) ← NewCustomerDto

Inherited Members

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

Properties

Name

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

Property Value

[string](#)

Namespace MaintenanceChronicle.Application.Contracts.Customers.Queries.Dto

Classes

[CustomerDetailDto](#)

[CustomerDetailDtoExtensions](#)

[CustomerInListDto](#)

Class CustomerDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Customers.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class CustomerDetailDto
```

Inheritance

[object](#) ← CustomerDetailDto

Inherited Members

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

Extension Methods

[CustomerDetailDtoExtensions.ToCustomerEntity\(CustomerDetailDto\)](#).

Properties

Id

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

Property Value

[Guid](#)

Name

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

Property Value

[string](#)

Class CustomerDetailDtoExtensions

Namespace: [MaintenanceChronicle.Application.Contracts.Customers.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class CustomerDetailDtoExtensions
```

Inheritance

[object](#) ← CustomerDetailDtoExtensions

Inherited Members

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

Methods

ToCustomerDetailDto(Customer)

```
public static CustomerDetailDto ToCustomerDetailDto(this Customer customer)
```

Parameters

customer [Customer](#)

Returns

[CustomerDetailDto](#)

ToCustomerEntity(CustomerDetailDto)

```
public static Customer ToCustomerEntity(this CustomerDetailDto manageCustomerDto)
```

Parameters

manageCustomerDto [CustomerDetailDto](#)

Returns

[Customer](#)

Class CustomerInListDto

Namespace: [MaintenanceChronicle.Application.Contracts.Customers.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class CustomerInListDto
```

Inheritance

[object](#) ← CustomerInListDto

Inherited Members

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

Properties

Id

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

Property Value

[Guid](#)

Name

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

Property Value

[string](#)

Namespace MaintenanceChronicle.Application.Contracts.LocationContactUsers.Queries

Classes

[GetListOfContactsForLocationQuery](#)

Class GetListOfContactsForLocationQuery

Namespace: [MaintenanceChronicle.Application.Contracts.LocationContactUsers.Queries](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record GetListOfContactsForLocationQuery : IRequest<List<LocationContactInListDto>>,  
IBaseRequest, IEquatable<GetListOfContactsForLocationQuery>
```

Inheritance

[object](#) ← GetListOfContactsForLocationQuery

Implements

IRequest<[List](#)<[LocationContactInListDto](#)>>, IBaseRequest,
[IEquatable](#)<[GetListOfContactsForLocationQuery](#)>

Inherited Members

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

Constructors

GetListOfContactsForLocationQuery(Guid)

```
public GetListOfContactsForLocationQuery(Guid LocationId)
```

Parameters

LocationId [Guid](#)

Properties

LocationId

```
public Guid LocationId { get; init; }
```

Property Value

[Guid ↗](#)

Namespace MaintenanceChronicle.Application.Contracts.LocationContactUsers.Queries.Dto Classes

[LocationContactInListDto](#)

[LocationContactInListDtoExtension](#)

Class LocationContactInListDto

Namespace: [MaintenanceChronicle.Application.Contracts.LocationContactUsers.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class LocationContactInListDto
```

Inheritance

[object](#) ← LocationContactInListDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

FullName

```
public required string FullName { get; set; }
```

Property Value

[string](#)

Id

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

Property Value

[Guid](#) ↗

PhoneNumber

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

Property Value

[string](#) ↗

Class LocationContactInListDtoExtension

Namespace: [MaintenanceChronicle.Application.Contracts.LocationContactUsers.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class LocationContactInListDtoExtension
```

Inheritance

[object](#) ← LocationContactInListDtoExtension

Inherited Members

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

Methods

ToLocationContactInListDto(LocationContactUser)

```
public static LocationContactInListDto ToLocationContactInListDto(this  
LocationContactUser user)
```

Parameters

user [LocationContactUser](#)

Returns

[LocationContactInListDto](#)

Namespace MaintenanceChronicle.Application.Contracts.Locations.Commands

Classes

[CreateNewLocationCommand](#)

[ManageContactsInLocationCommand](#)

[UpdateLocationCommand](#)

Class CreateNewLocationCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record CreateNewLocationCommand : IRequest<Guid>, IBaseRequest,  
IEquatable<CreateNewLocationCommand>
```

Inheritance

[object](#) ← CreateNewLocationCommand

Implements

IRequest<[Guid](#)>, IBaseRequest, [IEquatable](#)<[CreateNewLocationCommand](#)>

Inherited Members

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

Constructors

CreateNewLocationCommand(NewLocationDto, string, string)

```
public CreateNewLocationCommand(NewLocationDto LocationDto, string UserId, string TenantId)
```

Parameters

LocationDto [NewLocationDto](#)

UserId [string](#)

TenantId [string](#)

Properties

LocationDto

```
public NewLocationDto LocationDto { get; init; }
```

Property Value

[NewLocationDto](#)

TenantId

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

Property Value

[string](#)

UserId

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

Property Value

[string](#)

Class ManageContactsInLocationCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record ManageContactsInLocationCommand : IRequest, IBaseRequest,  
IEquatable<ManageContactsInLocationCommand>
```

Inheritance

[object](#) ← ManageContactsInLocationCommand

Implements

IRequest, IBaseRequest, [IEquatable](#)<[ManageContactsInLocationCommand](#)>

Inherited Members

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

Constructors

ManageContactsInLocationCommand(Guid, ContactsInLocationDto, string, string)

```
public ManageContactsInLocationCommand(Guid LocationId, ContactsInLocationDto  
ContactsInLocationDto, string UserId, string TenantId)
```

Parameters

LocationId [Guid](#)

ContactsInLocationDto [ContactsInLocationDto](#)

UserId [string](#)

TenantId [string](#)

Properties

ContactsInLocationDto

```
public ContactsInLocationDto ContactsInLocationDto { get; init; }
```

Property Value

[ContactsInLocationDto](#)

LocationId

```
public Guid LocationId { get; init; }
```

Property Value

[Guid](#) ↗

TenantId

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

Property Value

[string](#) ↗

UserId

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

Property Value

[string](#) ↗

Class UpdateLocationCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record UpdateLocationCommand : IRequest<ManageLocationDetailDto>, IBaseRequest,  
IEquatable<UpdateLocationCommand>
```

Inheritance

[object](#) ← UpdateLocationCommand

Implements

IRequest<[ManageLocationDetailDto](#)>, IBaseRequest, [IEquatable](#)<[UpdateLocationCommand](#)>

Inherited Members

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

Constructors

UpdateLocationCommand(JsonPatchDocument<ManageLocationDetailDto>, Guid, string)

```
public UpdateLocationCommand(JsonPatchDocument<ManageLocationDetailDto> Patch, Guid  
LocationId, string UserId)
```

Parameters

Patch [JsonPatchDocument](#)<[ManageLocationDetailDto](#)>

LocationId [Guid](#)

UserId [string](#)

Properties

LocationId

```
public Guid LocationId { get; init; }
```

Property Value

[Guid](#) ↗

Patch

```
public JsonPatchDocument<ManageLocationDetailDto> Patch { get; init; }
```

Property Value

[JsonPatchDocument](#) ↗ <[ManageLocationDetailDto](#)>

UserId

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

Property Value

[string](#) ↗

Namespace MaintenanceChronicle.Application.Contracts.Locations.Commands.Dto

Classes

[ContactsInLocationDto](#)

[ManageLocationDetailDto](#)

[ManageLocationDetailDtoExtension](#)

[NewLocationDto](#)

[NewLocationDtoExtension](#)

Class ContactsInLocationDto

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class ContactsInLocationDto
```

Inheritance

[object](#) ← ContactsInLocationDto

Inherited Members

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

Properties

ContactIds

```
public required Guid[] ContactIds { get; set; }
```

Property Value

[Guid](#)[]

LocationId

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

Property Value

[Guid](#)

Class ManageLocationDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class ManageLocationDetailDto
```

Inheritance

[object](#) ← ManageLocationDetailDto

Inherited Members

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

Extension Methods

[ManageLocationDetailDtoExtension.MapToEntity\(ManageLocationDetailDto, Location\)](#)

Properties

City

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

Property Value

[string](#)

Country

```
public required string Country { get; set; }
```

Property Value

[string](#)

Id

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

Property Value

[Guid](#) ↗

Name

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

Property Value

[string](#) ↗

Street

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

Property Value

[string](#) ↗

Class ManageLocationDetailDtoExtension

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class ManageLocationDetailDtoExtension
```

Inheritance

[object](#) ← ManageLocationDetailDtoExtension

Inherited Members

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

Methods

MapToEntity(ManageLocationDetailDto, Location)

```
public static void MapToEntity(this ManageLocationDetailDto manageLocationDetailDto,  
    Location target)
```

Parameters

manageLocationDetailDto [ManageLocationDetailDto](#)

target [Location](#)

ToManageDto(Location)

```
public static ManageLocationDetailDto ToManageDto(this Location location)
```

Parameters

location [Location](#)

Returns

[ManageLocationDetailDto](#)

Class NewLocationDto

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class NewLocationDto
```

Inheritance

[object](#) ← NewLocationDto

Inherited Members

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

Extension Methods

[NewLocationDtoExtension.ToEntity\(NewLocationDto\)](#)

Properties

City

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

Property Value

[string](#)

Country

```
public required string Country { get; set; }
```

Property Value

[string](#)

CustomerId

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

Property Value

[Guid](#) ↗

Name

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

Property Value

[string](#) ↗

Street

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

Property Value

[string](#) ↗

Class NewLocationDtoExtension

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class NewLocationDtoExtension
```

Inheritance

[object](#) ← NewLocationDtoExtension

Inherited Members

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

Methods

ToEntity(NewLocationDto)

```
public static Location ToEntity(this NewLocationDto newLocationDto)
```

Parameters

[newLocationDto](#) [NewLocationDto](#)

Returns

[Location](#)

Namespace MaintenanceChronicle.Application.Contracts.Locations.Queries

Classes

[GetLocationsForCustomerQuery](#)

Class GetLocationsForCustomerQuery

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Queries](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record GetLocationsForCustomerQuery : IRequest<List<LocationInListDto>>,  
IBaseRequest, IEquatable<GetLocationsForCustomerQuery>
```

Inheritance

[object](#) ← GetLocationsForCustomerQuery

Implements

IRequest<[List](#)<[LocationInListDto](#)>>, IBaseRequest, [IEquatable](#)<[GetLocationsForCustomerQuery](#)>

Inherited Members

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

Constructors

GetLocationsForCustomerQuery(Guid)

```
public GetLocationsForCustomerQuery(Guid CustomerId)
```

Parameters

CustomerId [Guid](#)

Properties

CustomerId

```
public Guid CustomerId { get; init; }
```

Property Value

[Guid](#) ↗

Namespace MaintenanceChronicle.Application.Contracts.Locations.Queries.Dto

Classes

[LocationDetailDto](#)

[LocationDetailDtoExtensions](#)

[LocationInListDto](#)

[LocationInListExtensions](#)

Class LocationDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class LocationDetailDto
```

Inheritance

[object](#) ← LocationDetailDto

Inherited Members

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

Properties

City

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

Property Value

[string](#)

Country

```
public required string Country { get; set; }
```

Property Value

[string](#)

Id

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

Property Value

[Guid](#) ↗

Name

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

Property Value

[string](#) ↗

Street

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

Property Value

[string](#) ↗

Class LocationDetailDtoExtensions

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class LocationDetailDtoExtensions
```

Inheritance

[object](#) ← LocationDetailDtoExtensions

Inherited Members

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

Methods

ToLocationDetailDto(Location)

```
public static LocationDetailDto ToLocationDetailDto(this Location location)
```

Parameters

[location](#) [Location](#)

Returns

[LocationDetailDto](#)

Class LocationInListDto

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class LocationInListDto
```

Inheritance

[object](#) ← LocationInListDto

Inherited Members

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

Properties

City

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

Property Value

[string](#)

Country

```
public required string Country { get; set; }
```

Property Value

[string](#)

Id

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

Property Value

[Guid](#) ↗

Name

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

Property Value

[string](#) ↗

Street

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

Property Value

[string](#) ↗

Class LocationInListExtensions

Namespace: [MaintenanceChronicle.Application.Contracts.Locations.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class LocationInListExtensions
```

Inheritance

[object](#) ← LocationInListExtensions

Inherited Members

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

Methods

ToLocationInListDto(Location)

```
public static LocationInListDto ToLocationInListDto(this Location location)
```

Parameters

[location](#) [Location](#)

Returns

[LocationInListDto](#)

Namespace MaintenanceChronicle.Application.Contracts.Machines.Commands

Classes

[CreateNewMachineCommand](#)

[UpdateMachineCommand](#)

Class CreateNewMachineCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record CreateNewMachineCommand : IRequest<Guid>, IBaseRequest,  
IEquatable<CreateNewMachineCommand>
```

Inheritance

[object](#) ← CreateNewMachineCommand

Implements

IRequest<[Guid](#)>, IBaseRequest, [IEquatable](#)<[CreateNewMachineCommand](#)>

Inherited Members

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

Constructors

CreateNewMachineCommand(NewMachineDto, string, string)

```
public CreateNewMachineCommand(NewMachineDto NewMachineDto, string UserId, string TenantId)
```

Parameters

NewMachineDto [NewMachineDto](#)

UserId [string](#)

TenantId [string](#)

Properties

NewMachineDto

```
public NewMachineDto NewMachineDto { get; init; }
```

Property Value

[NewMachineDto](#)

TenantId

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

Property Value

[string](#)

UserId

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

Property Value

[string](#)

Class UpdateMachineCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record UpdateMachineCommand : IRequest<ManageMachineDetailDto>, IBaseRequest,  
IEquatable<UpdateMachineCommand>
```

Inheritance

[object](#) ← UpdateMachineCommand

Implements

IRequest<[ManageMachineDetailDto](#)>, IBaseRequest, [IEquatable](#)<[UpdateMachineCommand](#)>

Inherited Members

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

Constructors

UpdateMachineCommand(JsonPatchDocument<ManageMachineDetailDto>, Guid, string)

```
public UpdateMachineCommand(JsonPatchDocument<ManageMachineDetailDto> Patch, Guid MachineId,  
string UserId)
```

Parameters

Patch [JsonPatchDocument](#)<[ManageMachineDetailDto](#)>

MachineId [Guid](#)

UserId [string](#)

Properties

MachineId

```
public Guid MachineId { get; init; }
```

Property Value

[Guid](#) ↗

Patch

```
public JsonPatchDocument<ManageMachineDetailDto> Patch { get; init; }
```

Property Value

[JsonPatchDocument](#) ↗ <[ManageMachineDetailDto](#)>

UserId

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

Property Value

[string](#) ↗

Namespace MaintenanceChronicle.Application.Contracts.Machines.Commands.Dto Classes

[ManageMachineDetailDto](#)

[ManageMachineDetailExtension](#)

[NewMachineDto](#)

[NewMachineDtoExtension](#)

Class ManageMachineDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class ManageMachineDetailDto
```

Inheritance

[object](#) ← ManageMachineDetailDto

Inherited Members

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

Extension Methods

[ManageMachineDetailExtension.MapToEntity\(ManageMachineDetailDto, Machine\)](#)

Properties

Color

```
public required string Color { get; set; }
```

Property Value

[string](#)

Id

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

Property Value

[Guid](#)

InUseSince

```
public required Instant InUseSince { get; set; }
```

Property Value

[Instant](#) ↗

LocationId

```
public required Guid LocationId { get; set; }
```

Property Value

[Guid](#) ↗

Manufacture

```
public required string Manufacture { get; set; }
```

Property Value

[string](#) ↗

Model

```
public required string Model { get; set; }
```

Property Value

[string](#) ↗

SerialNumber

```
public required string SerialNumber { get; set; }
```

Property Value

[string](#) ↗

Class ManageMachineDetailExtension

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class ManageMachineDetailExtension
```

Inheritance

[object](#) ← ManageMachineDetailExtension

Inherited Members

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

Methods

MapToEntity(ManageMachineDetailDto, Machine)

```
public static void MapToEntity(this ManageMachineDetailDto dto, Machine target)
```

Parameters

dto [ManageMachineDetailDto](#)

target [Machine](#)

ToManageMachineDetailDto(Machine)

```
public static ManageMachineDetailDto ToManageMachineDetailDto(this Machine entity)
```

Parameters

entity [Machine](#)

Returns

ManageMachineDetailDto

Class NewMachineDto

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class NewMachineDto
```

Inheritance

[object](#) ← NewMachineDto

Inherited Members

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

Extension Methods

[NewMachineDtoExtension.ToMachineEntity\(NewMachineDto\)](#).

Properties

Color

```
public required string Color { get; set; }
```

Property Value

[string](#)

InUseSince

```
public required string InUseSince { get; set; }
```

Property Value

[string](#)

LocationId

```
public required Guid LocationId { get; set; }
```

Property Value

[Guid](#) ↗

Manufacture

```
public required string Manufacture { get; set; }
```

Property Value

[string](#) ↗

Model

```
public required string Model { get; set; }
```

Property Value

[string](#) ↗

SerialNumber

```
public required string SerialNumber { get; set; }
```

Property Value

[string](#) ↗

Class NewMachineDtoExtension

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class NewMachineDtoExtension
```

Inheritance

[object](#) ← NewMachineDtoExtension

Inherited Members

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

Methods

ToMachineEntity(NewMachineDto)

```
public static Machine ToMachineEntity(this NewMachineDto newMachineDto)
```

Parameters

newMachineDto [NewMachineDto](#)

Returns

[Machine](#)

Namespace MaintenanceChronicle.Application.Contracts.Machines.Questions

Classes

[GetMachinesForLocationQuery](#)

Class GetMachinesForLocationQuery

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Queries](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record GetMachinesForLocationQuery : IRequest<List<MachineInListForLocationDto>>,  
IBaseRequest, IEquatable<GetMachinesForLocationQuery>
```

Inheritance

[object](#) ← GetMachinesForLocationQuery

Implements

IRequest<[List](#)<[MachineInListForLocationDto](#)>>, IBaseRequest,
[IEquatable](#)<[GetMachinesForLocationQuery](#)>

Inherited Members

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

Constructors

GetMachinesForLocationQuery(Guid)

```
public GetMachinesForLocationQuery(Guid LocationId)
```

Parameters

LocationId [Guid](#)

Properties

LocationId

```
public Guid LocationId { get; init; }
```

Property Value

[Guid ↗](#)

Namespace MaintenanceChronicle.Application.Contracts.Machines.Queries.Dto

Classes

[MachineDetailDto](#)

[MachineDetailDtoExtension](#)

[MachineInListDto](#)

[MachineInListExtension](#)

[MachineInListForLocationDto](#)

[MachineInListForLocationExtension](#)

Class MachineDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class MachineDetailDto
```

Inheritance

[object](#) ← MachineDetailDto

Inherited Members

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

Properties

Color

```
public required string Color { get; set; }
```

Property Value

[string](#)

Id

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

Property Value

[Guid](#)

InUseSince

```
public Instant InUseSince { get; set; }
```

Property Value

[Instant](#) ↗

Manufacture

```
public required string Manufacture { get; set; }
```

Property Value

[string](#) ↗

Model

```
public required string Model { get; set; }
```

Property Value

[string](#) ↗

SerialNumber

```
public required string SerialNumber { get; set; }
```

Property Value

[string](#) ↗

Class MachineDetailDtoExtension

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class MachineDetailDtoExtension
```

Inheritance

[object](#) ← MachineDetailDtoExtension

Inherited Members

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

Methods

ToMachineDetailDto(Machine)

```
public static MachineDetailDto ToMachineDetailDto(this Machine entity)
```

Parameters

entity [Machine](#)

Returns

[MachineDetailDto](#)

Class MachineInListDto

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class MachineInListDto
```

Inheritance

[object](#) ← MachineInListDto

Inherited Members

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

Properties

Id

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

Property Value

[Guid](#)

LocationName

```
public required string LocationName { get; set; }
```

Property Value

[string](#)

Model

```
public required string Model { get; set; }
```

Property Value

[string](#) ↗

Class MachineInListExtension

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class MachineInListExtension
```

Inheritance

[object](#) ← MachineInListExtension

Inherited Members

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

Methods

ToMachineInListDto(Machine)

```
public static MachineInListDto ToMachineInListDto(this Machine entity)
```

Parameters

entity [Machine](#)

Returns

[MachineInListDto](#)

Class MachineInListForLocationDto

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class MachineInListForLocationDto
```

Inheritance

[object](#) ← MachineInListForLocationDto

Inherited Members

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

Properties

Id

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

Property Value

[Guid](#)

Model

```
public required string Model { get; set; }
```

Property Value

[string](#)

SerialNumber

```
public required string SerialNumber { get; set; }
```

Property Value

[string](#) ↗

Class MachineInListForLocationExtension

Namespace: [MaintenanceChronicle.Application.Contracts.Machines.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public static class MachineInListForLocationExtension
```

Inheritance

[object](#) ← MachineInListForLocationExtension

Inherited Members

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

Methods

ToMachineInListForLocationDto(Machine)

```
public static MachineInListForLocationDto ToMachineInListForLocationDto(this Machine entity)
```

Parameters

entity [Machine](#)

Returns

[MachineInListForLocationDto](#)

Namespace MaintenanceChronicle.Application.Contracts.Roles.Dto

Classes

[RoleDetailDto](#)

Class RoleDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Roles.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class RoleDetailDto
```

Inheritance

[object](#) ← RoleDetailDto

Inherited Members

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

Properties

Id

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

Property Value

[Guid](#)

Name

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

Property Value

[string](#)

Namespace MaintenanceChronicle.Application.Contracts.Tenants.Commands

Classes

[AddTenantClaimToUserPrincipalCommand](#)

[AssignCreationInfoToTenantCommand](#)

[CreateNewTenantCommand](#)

[UpdateTenantCommand](#)

Class

AddTenantClaimToUserPrincipalCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Tenants.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record AddTenantClaimToUserPrincipalCommand : IRequest<ClaimsPrincipal>,
IBaseRequest, IEquatable<AddTenantClaimToUserPrincipalCommand>
```

Inheritance

[object](#) ← AddTenantClaimToUserPrincipalCommand

Implements

IRequest<[ClaimsPrincipal](#)>, IBaseRequest, [IEquatable](#)<AddTenantClaimToUserPrincipalCommand>

Inherited Members

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

Constructors

AddTenantClaimToUserPrincipalCommand(UserTenantClaimDto,
ClaimsPrincipal)

```
public AddTenantClaimToUserPrincipalCommand(UserTenantClaimDto UserTenantClaim,
ClaimsPrincipal ClaimsPrincipal)
```

Parameters

UserTenantClaim [UserTenantClaimDto](#)

ClaimsPrincipal [ClaimsPrincipal](#)

Properties

ClaimsPrincipal

```
public ClaimsPrincipal ClaimsPrincipal { get; init; }
```

Property Value

[ClaimsPrincipal](#) ↗

UserTenantClaim

```
public UserTenantClaimDto UserTenantClaim { get; init; }
```

Property Value

[UserTenantClaimDto](#)

Class AssignCreationInfoToTenantCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Tenants.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record AssignCreationInfoToTenantCommand : IRequest, IBaseRequest,  
IEquatable<AssignCreationInfoToTenantCommand>
```

Inheritance

[object](#) ← AssignCreationInfoToTenantCommand

Implements

IRequest, IBaseRequest, [IEquatable](#)<[AssignCreationInfoToTenantCommand](#)>

Inherited Members

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

Constructors

AssignCreationInfoToTenantCommand(TenantsCreatorUserIdDto
)

```
public AssignCreationInfoToTenantCommand(TenantsCreatorUserIdDto TenantsCreatorUserIdDto)
```

Parameters

TenantsCreatorUserIdDto [TenantsCreatorUserIdDto](#)

Properties

TenantsCreatorUserIdDto

```
public TenantsCreatorUserIdDto TenantsCreatorUserIdDto { get; init; }
```

Property Value

[TenantsCreatorUserIdDto](#)

Class CreateNewTenantCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Tenants.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record CreateNewTenantCommand : IRequest<Guid>, IBaseRequest,  
IEquatable<CreateNewTenantCommand>
```

Inheritance

[object](#) ← CreateNewTenantCommand

Implements

IRequest<[Guid](#)>, IBaseRequest, [IEquatable](#)<[CreateNewTenantCommand](#)>

Inherited Members

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

Constructors

CreateNewTenantCommand(NewTenantDto)

```
public CreateNewTenantCommand(NewTenantDto NewTenantDto)
```

Parameters

NewTenantDto [NewTenantDto](#)

Properties

NewTenantDto

```
public NewTenantDto NewTenantDto { get; init; }
```

Property Value

[NewTenantDto](#)

Class UpdateTenantCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Tenants.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record UpdateTenantCommand : IRequest, IBaseRequest, IEquatable<UpdateTenantCommand>
```

Inheritance

[object](#) ← UpdateTenantCommand

Implements

IRequest, IBaseRequest, [IEquatable](#)<[UpdateTenantCommand](#)>

Inherited Members

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

Constructors

UpdateTenantCommand(TenantDetailDto, string)

```
public UpdateTenantCommand(TenantDetailDto TenantDetail, string UserId)
```

Parameters

TenantDetail [TenantDetailDto](#)

UserId [string](#)

Properties

TenantDetail

```
public TenantDetailDto TenantDetail { get; init; }
```

Property Value

UserId

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

Property Value

[string](#) ↗

Namespace MaintenanceChronicle.Application.Contracts.Tenants.Commands.Dto

Classes

[NewTenantDto](#)

[TenantDetailDto](#)

[TenantsCreatorUserIdDto](#)

[UserTenantClaimDto](#)

Class NewTenantDto

Namespace: [MaintenanceChronicle.Application.Contracts.Tenants.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class NewTenantDto
```

Inheritance

[object](#) ← NewTenantDto

Inherited Members

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

Properties

Name

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

Property Value

[string](#)

Class TenantDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Tenants.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class TenantDetailDto
```

Inheritance

[object](#) ← TenantDetailDto

Inherited Members

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

Properties

Id

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

Property Value

[Guid](#)

Name

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

Property Value

[string](#)

Class TenantsCreatorUserIdDto

Namespace: [MaintenanceChronicle.Application.Contracts.Tenants.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class TenantsCreatorUserIdDto
```

Inheritance

[object](#) ← TenantsCreatorUserIdDto

Inherited Members

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

Properties

TenantId

```
public required Guid TenantId { get; set; }
```

Property Value

[Guid](#)

UserId

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

Property Value

[string](#)

Class UserTenantClaimDto

Namespace: [MaintenanceChronicle.Application.Contracts.Tenants.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class UserTenantClaimDto
```

Inheritance

[object](#) ← UserTenantClaimDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

TenantId

```
public required Guid TenantId { get; set; }
```

Property Value

[Guid](#)

Namespace MaintenanceChronicle.Application.Contracts.Tenants.Queries.Dto

Classes

[TenantDetailDto](#)

[TenantListDto](#)

Class TenantDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Tenants.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class TenantDetailDto
```

Inheritance

[object](#) ← TenantDetailDto

Inherited Members

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

Properties

Id

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

Property Value

[Guid](#)

Name

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

Property Value

[string](#)

Class TenantListDto

Namespace: [MaintenanceChronicle.Application.Contracts.Tenants.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class TenantListDto
```

Inheritance

[object](#) ← TenantListDto

Inherited Members

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

Properties

Id

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

Property Value

[Guid](#)

Name

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

Property Value

[string](#)

Namespace MaintenanceChronicle.Application.Contracts.UserTenant.Commands

Classes

[RegisterUserAndTenantCommand](#)

Class RegisterUserAndTenantCommand

Namespace: [MaintenanceChronicle.Application.Contracts.UserTenant.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record RegisterUserAndTenantCommand : IRequest<UserTenantIdsDto>, IBaseRequest,  
IEquatable<RegisterUserAndTenantCommand>
```

Inheritance

[object](#) ← RegisterUserAndTenantCommand

Implements

IRequest<[UserTenantIdsDto](#)>, IBaseRequest, [IEquatable](#)<[RegisterUserAndTenantCommand](#)>

Inherited Members

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

Constructors

RegisterUserAndTenantCommand(UserTenantDto)

```
public RegisterUserAndTenantCommand(UserTenantDto UserTenantDto)
```

Parameters

UserTenantDto [UserTenantDto](#)

Properties

UserTenantDto

```
public UserTenantDto UserTenantDto { get; init; }
```

Property Value

UserTenantDto

Namespace MaintenanceChronicle.Application.Contracts.UserTenant.Commands.Dto

Classes

[UserTenantDto](#)

[UserTenantIdsDto](#)

Class UserTenantDto

Namespace: [MaintenanceChronicle.Application.Contracts.UserTenant.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class UserTenantDto
```

Inheritance

[object](#) ← UserTenantDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

FirstName

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

Property Value

[string](#)

LastName

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

Property Value

[string](#)

Password

```
public required string Password { get; set; }
```

Property Value

[string](#)

TenantName

```
public required string TenantName { get; set; }
```

Property Value

[string](#)

Class UserTenantIdsDto

Namespace: [MaintenanceChronicle.Application.Contracts.UserTenant.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class UserTenantIdsDto
```

Inheritance

[object](#) ← UserTenantIdsDto

Inherited Members

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

Properties

TenantId

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

Property Value

[Guid](#)

UserId

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

Property Value

[Guid](#)

Namespace MaintenanceChronicle.Application.Contracts.Users.Commands

Classes

[AddPasswordToRegisteredUserCommand](#)

[AddRolesToUserCommand](#)

[CreateNewUserCommand](#)

[GenerateClaimsPrincipalForUserCommand](#)

[GenerateEmailConfirmationTokenForUserCommand](#)

[RegisterNewUserCommand](#)

[UpdateUserCommand](#)

[ValidateEmailConfirmationTokenCommand](#)

Class AddPasswordToRegisteredUserCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record AddPasswordToRegisteredUserCommand : IRequest, IBaseRequest,  
IEquatable<AddPasswordToRegisteredUserCommand>
```

Inheritance

[object](#) ← AddPasswordToRegisteredUserCommand

Implements

IRequest, IBaseRequest, [IEquatable](#)<[AddPasswordToRegisteredUserCommand](#)>

Inherited Members

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

Constructors

AddPasswordToRegisteredUserCommand([AddPasswordToRegisteredUserDto](#) UserPasswordDto)

```
public AddPasswordToRegisteredUserCommand(AddPasswordToRegisteredUserDto UserPasswordDto)
```

Parameters

UserPasswordDto [AddPasswordToRegisteredUserDto](#)

Properties

UserPasswordDto

```
public AddPasswordToRegisteredUserDto UserPasswordDto { get; init; }
```

Property Value

[AddPasswordToRegisteredUserDto](#)

Class AddRolesToUserCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record AddRolesToUserCommand : IRequest, IBaseRequest,  
IEquatable<AddRolesToUserCommand>
```

Inheritance

[object](#) ← AddRolesToUserCommand

Implements

IRequest, IBaseRequest, [IEquatable](#)<[AddRolesToUserCommand](#)>

Inherited Members

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

Constructors

AddRolesToUserCommand(UserRolesDto, string, string)

```
public AddRolesToUserCommand(UserRolesDto UserRoles, string UserId, string TenantId)
```

Parameters

UserRoles [UserRolesDto](#)

UserId [string](#)

TenantId [string](#)

Properties

TenantId

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

Property Value

[string](#) ↗

UserId

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

Property Value

[string](#) ↗

UserRoles

```
public UserRolesDto UserRoles { get; init; }
```

Property Value

[UserRolesDto](#)

Class CreateNewUserCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record CreateNewUserCommand : IRequest<Guid>, IBaseRequest,  
IEquatable<CreateNewUserCommand>
```

Inheritance

[object](#) ← CreateNewUserCommand

Implements

IRequest<[Guid](#)>, IBaseRequest, [IEquatable](#)<[CreateNewUserCommand](#)>

Inherited Members

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

Constructors

CreateNewUserCommand(CreateNewUserDto, string, string)

```
public CreateNewUserCommand(CreateNewUserDto NewUserDto, string UserId, string TenantId)
```

Parameters

NewUserDto [CreateNewUserDto](#)

UserId [string](#)

TenantId [string](#)

Properties

NewUserDto

```
public CreateNewUserDto NewUserDto { get; init; }
```

Property Value

[CreateNewUserDto](#)

TenantId

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

Property Value

[string](#)

UserId

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

Property Value

[string](#)

Class

GenerateClaimsPrincipalForUserCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record GenerateClaimsPrincipalForUserCommand : IRequest<ClaimsPrincipal>,
IBaseRequest, IEquatable<GenerateClaimsPrincipalForUserCommand>
```

Inheritance

[object](#) ← GenerateClaimsPrincipalForUserCommand

Implements

IRequest<[ClaimsPrincipal](#)>, IBaseRequest, [IEquatable](#)<[GenerateClaimsPrincipalForUserCommand](#)>

Inherited Members

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

Constructors

GenerateClaimsPrincipalForUserCommand(LoginDto)

```
public GenerateClaimsPrincipalForUserCommand(LoginDto UserLogin)
```

Parameters

UserLogin [LoginDto](#)

Properties

UserLogin

```
public LoginDto UserLogin { get; init; }
```

Property Value

[LoginDto](#)

Class GenerateEmailConfirmationTokenForUserCom mand

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class GenerateEmailConfirmationTokenForUserCommand : IRequest<string>, IBaseRequest
```

Inheritance

[object](#) ← GenerateEmailConfirmationTokenForUserCommand

Implements

IRequest<[string](#)>, IBaseRequest

Inherited Members

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

Constructors

GenerateEmailConfirmationTokenForUserCommand(string)

```
public GenerateEmailConfirmationTokenForUserCommand(string email)
```

Parameters

email [string](#)

Properties

Email

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

Property Value

[string](#) ↗

Class RegisterNewUserCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record RegisterNewUserCommand : IRequest<Guid>, IBaseRequest,  
IEquatable<RegisterNewUserCommand>
```

Inheritance

[object](#) ← RegisterNewUserCommand

Implements

IRequest<[Guid](#)>, IBaseRequest, [IEquatable](#)<[RegisterNewUserCommand](#)>

Inherited Members

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

Constructors

RegisterNewUserCommand(RegisterUserDto)

```
public RegisterNewUserCommand(RegisterUserDto NewUserDto)
```

Parameters

NewUserDto [RegisterUserDto](#)

Properties

NewUserDto

```
public RegisterUserDto NewUserDto { get; init; }
```

Property Value

[RegisterUserDto](#)

Class UpdateUserCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record UpdateUserCommand : IRequest, IBaseRequest, IEquatable<UpdateUserCommand>
```

Inheritance

[object](#) ← UpdateUserCommand

Implements

IRequest, IBaseRequest, [IEquatable](#) <[UpdateUserCommand](#)>

Inherited Members

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

Constructors

UpdateUserCommand(UpdateUserDetailDto, string)

```
public UpdateUserCommand(UpdateUserDetailDto UpdateUserDetailDto, string UserId)
```

Parameters

UpdateUserDetailDto [UpdateUserDetailDto](#)

UserId [string](#)

Properties

UpdateUserDetailDto

```
public UpdateUserDetailDto UpdateUserDetailDto { get; init; }
```

Property Value

UpdateUserDetailDto

UserId

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

Property Value

[string](#) ↗

Class

ValidateEmailConfirmationTokenCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class ValidateEmailConfirmationTokenCommand : IRequest, IBaseRequest
```

Inheritance

[object](#) ← ValidateEmailConfirmationTokenCommand

Implements

IRequest, IBaseRequest

Inherited Members

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

Constructors

ValidateEmailConfirmationTokenCommand(EmailConfirmationTokenForUserDto or UserDto)

```
public ValidateEmailConfirmationTokenCommand(EmailConfirmationTokenForUserDto  
emailConfirmationTokenForUserDto)
```

Parameters

emailConfirmationTokenForUserDto [EmailConfirmationTokenForUserDto](#)

Properties

EmailConfirmationTokenForUserDto

```
public EmailConfirmationTokenForUserDto EmailConfirmationTokenForUserDto { get; set; }
```

Property Value

[EmailConfirmTokenForUserDto](#)

Namespace MaintenanceChronicle.Application.Contracts.Users.Commands.Dto

Classes

[AddPasswordToRegisteredUserDto](#)

[CreateNewUserDto](#)

[EmailConfirmationTokenForUserDto](#)

[LoginDto](#)

[RegisterUserDto](#)

[UpdateUserDetailDto](#)

[UserRolesDto](#)

Class AddPasswordToRegisteredUserDto

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class AddPasswordToRegisteredUserDto
```

Inheritance

[object](#) ← AddPasswordToRegisteredUserDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

Password

```
public required string Password { get; set; }
```

Property Value

[string](#)

Class CreateNewUserDto

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class CreateNewUserDto
```

Inheritance

[object](#) ← CreateNewUserDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

FirstName

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

Property Value

[string](#)

LastName

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

Property Value

[string](#)

Roles

```
public Guid[] Roles { get; set; }
```

Property Value

[Guid](#)[]

Class EmailConfirmTokenForUserDto

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class EmailConfirmTokenForUserDto
```

Inheritance

[object](#) ← EmailConfirmTokenForUserDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

Token

```
public required string Token { get; set; }
```

Property Value

[string](#)

Class LoginDto

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class LoginDto
```

Inheritance

[object](#) ← LoginDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

Password

```
public required string Password { get; set; }
```

Property Value

[string](#)

Class RegisterUserDto

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class RegisterUserDto
```

Inheritance

[object](#) ← RegisterUserDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

FirstName

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

Property Value

[string](#)

LastName

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

Property Value

[string](#) ↗

Password

```
public required string Password { get; set; }
```

Property Value

[string](#) ↗

TenantId

```
public required Guid TenantId { get; set; }
```

Property Value

[Guid](#) ↗

Class UpdateUserDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class UpdateUserDetailDto
```

Inheritance

[object](#) ← UpdateUserDetailDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

FirstName

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

Property Value

[string](#)

Id

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

Property Value

[Guid](#) ↗

LastName

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

Property Value

[string](#) ↗

Roles

```
public Guid[] Roles { get; set; }
```

Property Value

[Guid](#) ↗ []

Class UserRolesDto

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Commands.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class UserRolesDto
```

Inheritance

[object](#) ← UserRolesDto

Inherited Members

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

Properties

RoleIds

```
public Guid[] RoleIds { get; set; }
```

Property Value

[Guid](#)[]

UserId

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

Property Value

[Guid](#)

Namespace MaintenanceChronicle.Application.Contracts.Users.Queries

Classes

[GetTenantIdFromUserCommand](#)

Class GetTenantIdFromUserCommand

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Queries](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record GetTenantIdFromUserCommand : IRequest<Guid>, IBaseRequest,  
IEquatable<GetTenantIdFromUserCommand>
```

Inheritance

[object](#) ← GetTenantIdFromUserCommand

Implements

IRequest<[Guid](#)>, IBaseRequest, [IEquatable](#)<[GetTenantIdFromUserCommand](#)>

Inherited Members

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

Constructors

GetTenantIdFromUserCommand(string)

```
public GetTenantIdFromUserCommand(string Email)
```

Parameters

Email [string](#)

Properties

Email

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

Property Value

[string](#) ↗

Namespace MaintenanceChronicle.Application.Contracts.Users.Queries.Dto

Classes

[UserDetailDto](#)

[UserListDto](#)

Class UserDetailDto

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class UserDetailDto
```

Inheritance

[object](#) ← UserDetailDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

FirstName

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

Property Value

[string](#)

Id

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

Property Value

[Guid](#) ↗

LastName

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

Property Value

[string](#) ↗

Roles

```
public List<RoleDetailDto> Roles { get; set; }
```

Property Value

[List](#) ↗ <[RoleDetailDto](#)>

Class UserListDto

Namespace: [MaintenanceChronicle.Application.Contracts.Users.Queries.Dto](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public class UserListDto
```

Inheritance

[object](#) ← UserListDto

Inherited Members

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

Properties

Email

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

Property Value

[string](#)

FirstName

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

Property Value

[string](#)

Id

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

Property Value

[Guid](#)

LastName

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

Property Value

[string](#)

Roles

```
public List<RoleDetailDto> Roles { get; set; }
```

Property Value

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

Namespace MaintenanceChronicle.Application.Contracts.Utils.Commands

Classes

[DeleteEntityByIdCommand< TEntity >](#)

Class DeleteEntityByIdCommand< TEntity >

Namespace: [MaintenanceChronicle.Application.Contracts.Utils.Commands](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record DeleteEntityByIdCommand< TEntity > : IRequest, IBaseRequest,  
IEquatable<DeleteEntityByIdCommand< TEntity >>
```

Type Parameters

TEntity

Inheritance

[object](#) ← DeleteEntityByIdCommand< TEntity >

Implements

IRequest, IBaseRequest, [IEquatable](#) <DeleteEntityByIdCommand< TEntity >>

Inherited Members

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

Constructors

DeleteEntityByIdCommand(Guid, string)

```
public DeleteEntityByIdCommand(Guid Id, string UserId)
```

Parameters

Id [Guid](#)

UserId [string](#)

Properties

Id

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

Property Value

[Guid ↗](#)

UserId

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

Property Value

[string ↗](#)

Namespace MaintenanceChronicle.Application.Contracts.Utils.Queries

Classes

[GetEntityByIdQuery< TEntity >](#)

[GetEntityByNameQuery< TEntity >](#)

[GetListOfEntityQuery< TEntity >](#)

Class GetEntityByIdQuery< TEntity >

Namespace: [MaintenanceChronicle.Application.Contracts.Utils.Queries](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record GetEntityByIdQuery< TEntity > : IRequest< TEntity >, IBaseRequest,  
IEquatable< GetEntityByIdQuery< TEntity > >
```

Type Parameters

TEntity

Inheritance

[object](#) ← GetEntityByIdQuery< TEntity >

Implements

IRequest< TEntity >, IBaseRequest, [IEquatable](#)< [GetEntityByIdQuery](#)< TEntity > >

Inherited Members

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

Constructors

GetEntityByIdQuery(Guid)

```
public GetEntityByIdQuery(Guid Id)
```

Parameters

Id [Guid](#)

Properties

Id

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

Property Value

[Guid](#) ↗

Class GetEntityByNameQuery< TEntity >

Namespace: [MaintenanceChronicle.Application.Contracts.Utils.Queries](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record GetEntityByNameQuery< TEntity > : IRequest< TEntity >, IBaseRequest,  
IEquatable< GetEntityByNameQuery< TEntity > >
```

Type Parameters

TEntity

Inheritance

[object](#) ← GetEntityByNameQuery< TEntity >

Implements

IRequest< TEntity >, IBaseRequest, [IEquatable](#)< GetEntityByNameQuery< TEntity > >

Inherited Members

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

Constructors

GetEntityByNameQuery(string)

```
public GetEntityByNameQuery(string Name)
```

Parameters

Name [string](#)

Properties

Name

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

Property Value

[string](#) ↗

Class GetListOfEntityQuery< TEntity >

Namespace: [MaintenanceChronicle.Application.Contracts.Utils.Queries](#)

Assembly: MaintenanceChronicle.Application.Contracts.dll

```
public record GetListOfEntityQuery< TEntity > : IRequest< List< TEntity > >, IBaseRequest,  
IEquatable< GetListOfEntityQuery< TEntity > >
```

Type Parameters

TEntity

Inheritance

[object](#) ← GetListOfEntityQuery< TEntity >

Implements

IRequest< [List](#)< TEntity > >, IBaseRequest, [IEquatable](#)< [GetListOfEntityQuery](#)< TEntity > >

Inherited Members

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

Constructors

GetListOfEntityQuery()

```
public GetListOfEntityQuery()
```

Namespace MaintenanceChronicle.Application. Customers.Commands

Classes

[CreateNewCustomerCommandHandler](#)

[DeleteCustomerCommandHandler](#)

[UpdateCustomerCommandHandler](#)

Class CreateNewCustomerCommandHandler

Namespace: [MaintenanceChronicle.Application.Customers.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class CreateNewCustomerCommandHandler : IRequestHandler<CreateNewCustomerCommand,  
Guid>
```

Inheritance

[object](#) ← CreateNewCustomerCommandHandler

Implements

IRequestHandler<[CreateNewCustomerCommand](#), [Guid](#)>

Inherited Members

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

Constructors

CreateNewCustomerCommandHandler(AppDbContext, IClock)

```
public CreateNewCustomerCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(CreateNewCustomerCommand, CancellationToken)

Handles a request

```
public Task<Guid> Handle(CreateNewCustomerCommand request, CancellationToken  
cancellationToken)
```

Parameters

request [CreateNewCustomerCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class DeleteCustomerCommandHandler

Namespace: [MaintenanceChronicle.Application.Customers.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class DeleteCustomerCommandHandler :  
    IRequestHandler<DeleteEntityByIdCommand<Customer>>
```

Inheritance

[object](#) ← DeleteCustomerCommandHandler

Implements

IRequestHandler<[DeleteEntityByIdCommand](#)<[Customer](#)>>

Inherited Members

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

Constructors

DeleteCustomerCommandHandler(AppDbContext, IClock)

```
public DeleteCustomerCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(DeleteEntityByIdCommand<Customer>,
CancellationToken)

Handles a request

```
public Task Handle(DeleteEntityByIdCommand<Customer> request,  
CancellationToken cancellationToken)
```

Parameters

request [DeleteEntityByIdCommand<Customer>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)

Response from the request

Class UpdateCustomerCommandHandler

Namespace: [MaintenanceChronicle.Application.Customers.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class UpdateCustomerCommandHandler : IRequestHandler<UpdateCustomerCommand,  
ManageCustomerDetailDto>
```

Inheritance

[object](#) ← UpdateCustomerCommandHandler

Implements

IRequestHandler<[UpdateCustomerCommand](#), [ManageCustomerDetailDto](#)>

Inherited Members

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

Constructors

UpdateCustomerCommandHandler(AppDbContext, IClock)

```
public UpdateCustomerCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(UpdateCustomerCommand, CancellationToken)

Handles a request

```
public Task<ManageCustomerDetailDto> Handle(UpdateCustomerCommand request,  
CancellationToken cancellationToken)
```

Parameters

request [UpdateCustomerCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Namespace MaintenanceChronicle.Application. Customers.Questions

Classes

[GetCustomerByIdQueryHandler](#)

[GetListOfCustomersQueryHandler](#)

Class GetCustomerIdQueryHandler

Namespace: [MaintenanceChronicle.Application.Customers.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetCustomerIdQueryHandler :  
    IRequestHandler<GetEntityByIdQuery<CustomerDetailDto>, CustomerDetailDto>
```

Inheritance

[object](#) ← GetCustomerIdQueryHandler

Implements

IRequestHandler<[GetEntityByIdQuery](#)<[CustomerDetailDto](#)>, [CustomerDetailDto](#)>

Inherited Members

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

Constructors

GetCustomerIdQueryHandler(AppDbContext)

```
public GetCustomerIdQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetEntityByIdQuery<CustomerDetailDto>, CancellationToken)

Handles a request

```
public Task<CustomerDetailDto> Handle(GetEntityByIdQuery<CustomerDetailDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetEntityByIdQuery<CustomerDetailDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)<CustomerDetailDto>

Response from the request

Class GetListOfCustomersQueryHandler

Namespace: [MaintenanceChronicle.Application.Customers.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetListOfCustomersQueryHandler :  
IRequestHandler<GetListOfEntityQuery<CustomerInListDto>, List<CustomerInListDto>>
```

Inheritance

[object](#) ← GetListOfCustomersQueryHandler

Implements

IRequestHandler<[GetListOfEntityQuery](#)<[CustomerInListDto](#)>, [List](#)<[CustomerInListDto](#)>>

Inherited Members

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

Constructors

GetListOfCustomersQueryHandler(AppDbContext)

```
public GetListOfCustomersQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetListOfEntityQuery<CustomerInListDto>, CancellationToken)

Handles a request

```
public Task<List<CustomerInListDto>> Handle(GetListOfEntityQuery<CustomerInListDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetListOfEntityQuery<CustomerInListDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Namespace MaintenanceChronicle.Application.LocationContactUsers.Questions

Classes

[GetListOfContactsForLocationQueryHandler](#)

Class GetListOfContactsForLocationQueryHandler

Namespace: [MaintenanceChronicle.Application.LocationContactUsers.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetListOfContactsForLocationQueryHandler :  
    IRequestHandler<GetListOfContactsForLocationQuery, List<LocationContactInListDto>>
```

Inheritance

[object](#) ← GetListOfContactsForLocationQueryHandler

Implements

IRequestHandler<[GetListOfContactsForLocationQuery](#), [List](#)<[LocationContactInListDto](#)>>

Inherited Members

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

Constructors

GetListOfContactsForLocationQueryHandler(AppDbContext)

```
public GetListOfContactsForLocationQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetListOfContactsForLocationQuery, CancellationToken)

Handles a request

```
public Task<List<LocationContactInListDto>> Handle(GetListOfContactsForLocationQuery  
request, CancellationToken cancellationToken)
```

Parameters

request [GetListOfContactsForLocationQuery](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Namespace MaintenanceChronicle.Application. Locations.Commands

Classes

[CreateNewLocationCommandHandler](#)

[DeleteLocationCommandHandler](#)

[ManageContactsInLocationCommandHandler](#)

[UpdateLocationCommandHandler](#)

Class CreateNewLocationCommandHandler

Namespace: [MaintenanceChronicle.Application.Locations.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class CreateNewLocationCommandHandler : IRequestHandler<CreateNewLocationCommand,  
Guid>
```

Inheritance

[object](#) ← CreateNewLocationCommandHandler

Implements

IRequestHandler<[CreateNewLocationCommand](#), [Guid](#)>

Inherited Members

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

Constructors

CreateNewLocationCommandHandler(AppDbContext, IClock)

```
public CreateNewLocationCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(CreateNewLocationCommand, CancellationToken)

Handles a request

```
public Task<Guid> Handle(CreateNewLocationCommand request, CancellationToken  
cancellationToken)
```

Parameters

request [CreateNewLocationCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class DeleteLocationCommandHandler

Namespace: [MaintenanceChronicle.Application.Locations.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class DeleteLocationCommandHandler :  
    IRequestHandler<DeleteEntityByIdCommand<Location>>
```

Inheritance

[object](#) ← DeleteLocationCommandHandler

Implements

IRequestHandler<[DeleteEntityByIdCommand](#)<Location>>

Inherited Members

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

Constructors

DeleteLocationCommandHandler(AppDbContext, IClock)

```
public DeleteLocationCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(DeleteEntityByIdCommand<Location>,
CancellationToken)

Handles a request

```
public Task Handle(DeleteEntityByIdCommand<Location> request,  
CancellationToken cancellationToken)
```

Parameters

request [DeleteEntityByIdCommand<Location>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)

Response from the request

Class

ManageContactsInLocationCommandHandler

Namespace: [MaintenanceChronicle.Application.Locations.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class ManageContactsInLocationCommandHandler :  
    IRequestHandler<ManageContactsInLocationCommand>
```

Inheritance

[object](#) ← ManageContactsInLocationCommandHandler

Implements

IRequestHandler<[ManageContactsInLocationCommand](#)>

Inherited Members

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

Constructors

ManageContactsInLocationCommandHandler(AppDbContext, IClock)

```
public ManageContactsInLocationCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(ManageContactsInLocationCommand, CancellationToken)

Handles a request

```
public Task Handle(ManageContactsInLocationCommand request, CancellationToken cancellationToken)
```

Parameters

request [ManageContactsInLocationCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)

Response from the request

Class UpdateLocationCommandHandler

Namespace: [MaintenanceChronicle.Application.Locations.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class UpdateLocationCommandHandler : IRequestHandler<UpdateLocationCommand,  
ManageLocationDetailDto>
```

Inheritance

[object](#) ← UpdateLocationCommandHandler

Implements

IRequestHandler<[UpdateLocationCommand](#), [ManageLocationDetailDto](#)>

Inherited Members

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

Constructors

UpdateLocationCommandHandler(AppDbContext, IClock)

```
public UpdateLocationCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(UpdateLocationCommand, CancellationToken)

Handles a request

```
public Task<ManageLocationDetailDto> Handle(UpdateLocationCommand request,  
CancellationToken cancellationToken)
```

Parameters

request [UpdateLocationCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Namespace MaintenanceChronicle.Application.Locations.Queries

Classes

[GetListOfLocationsQueryHandler](#)

[GetLocationByIdQueryHandler](#)

[GetLocationsForCustomerQueryHandler](#)

Class GetListOfLocationsQueryHandler

Namespace: [MaintenanceChronicle.Application.Locations.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetListOfLocationsQueryHandler :  
    IRequestHandler<GetListOfEntityQuery<LocationInListDto>, List<LocationInListDto>>
```

Inheritance

[object](#) ← GetListOfLocationsQueryHandler

Implements

IRequestHandler<[GetListOfEntityQuery](#)<[LocationInListDto](#)>, [List](#)<[LocationInListDto](#)>>

Inherited Members

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

Constructors

GetListOfLocationsQueryHandler(AppDbContext)

```
public GetListOfLocationsQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetListOfEntityQuery<LocationInListDto>, CancellationToken)

Handles a request

```
public Task<List<LocationInListDto>> Handle(GetListOfEntityQuery<LocationInListDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetListOfEntityQuery<LocationInListDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class GetLocationByIdQueryHandler

Namespace: [MaintenanceChronicle.Application.Locations.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetLocationByIdQueryHandler :  
    IRequestHandler<GetEntityByIdQuery<LocationDetailDto>, LocationDetailDto>
```

Inheritance

[object](#) ← GetLocationByIdQueryHandler

Implements

IRequestHandler<[GetEntityByIdQuery](#)<[LocationDetailDto](#)>, [LocationDetailDto](#)>

Inherited Members

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

Constructors

GetLocationByIdQueryHandler(AppDbContext)

```
public GetLocationByIdQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetEntityByIdQuery<LocationDetailDto>, CancellationToken)

Handles a request

```
public Task<LocationDetailDto> Handle(GetEntityByIdQuery<LocationDetailDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetEntityByIdQuery<LocationDetailDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)<LocationDetailDto>

Response from the request

Class GetLocationsForCustomerQueryHandler

Namespace: [MaintenanceChronicle.Application.Locations.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetLocationsForCustomerQueryHandler :  
IRequestHandler<GetLocationsForCustomerQuery, List<LocationInListDto>>
```

Inheritance

[object](#) ← GetLocationsForCustomerQueryHandler

Implements

IRequestHandler<[GetLocationsForCustomerQuery](#), [List](#)<[LocationInListDto](#)>>

Inherited Members

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

Constructors

GetLocationsForCustomerQueryHandler(AppDbContext)

```
public GetLocationsForCustomerQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetLocationsForCustomerQuery, CancellationToken)

Handles a request

```
public Task<List<LocationInListDto>> Handle(GetLocationsForCustomerQuery request,  
CancellationToken cancellationToken)
```

Parameters

request [GetLocationsForCustomerQuery](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Namespace MaintenanceChronicle.Application.Machines.Commands

Classes

[CreateNewMachineCommandHandler](#)

[DeleteMachineCommandHandler](#)

[UpdateMachineCommandHandler](#)

Class CreateNewMachineCommandHandler

Namespace: [MaintenanceChronicle.Application.Machines.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class CreateNewMachineCommandHandler : IRequestHandler<CreateNewMachineCommand, Guid>
```

Inheritance

[object](#) ← CreateNewMachineCommandHandler

Implements

IRequestHandler<[CreateNewMachineCommand](#), [Guid](#)>

Inherited Members

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

Constructors

CreateNewMachineCommandHandler(AppDbContext, IClock)

```
public CreateNewMachineCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(CreateNewMachineCommand, CancellationToken)

Handles a request

```
public Task<Guid> Handle(CreateNewMachineCommand request, CancellationToken
```

```
cancellationToken)
```

Parameters

request [CreateNewMachineCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class DeleteMachineCommandHandler

Namespace: [MaintenanceChronicle.Application.Machines.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class DeleteMachineCommandHandler : IRequestHandler<DeleteEntityByIdCommand<Machine>>
```

Inheritance

[object](#) ← DeleteMachineCommandHandler

Implements

IRequestHandler<[DeleteEntityByIdCommand](#)<[Machine](#)>>

Inherited Members

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

Constructors

DeleteMachineCommandHandler(AppDbContext, IClock)

```
public DeleteMachineCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(DeleteEntityByIdCommand<Machine>, CancellationToken)

Handles a request

```
public Task Handle(DeleteEntityByIdCommand<Machine> request, CancellationToken cancellationToken)
```

Parameters

request [DeleteEntityByIdCommand<Machine>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)

Response from the request

Class UpdateMachineCommandHandler

Namespace: [MaintenanceChronicle.Application.Machines.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class UpdateMachineCommandHandler : IRequestHandler<UpdateMachineCommand,  
ManageMachineDetailDto>
```

Inheritance

[object](#) ← UpdateMachineCommandHandler

Implements

IRequestHandler<[UpdateMachineCommand](#), [ManageMachineDetailDto](#)>

Inherited Members

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

Constructors

UpdateMachineCommandHandler(AppDbContext, IClock)

```
public UpdateMachineCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(UpdateMachineCommand, CancellationToken)

Handles a request

```
public Task<ManageMachineDetailDto> Handle(UpdateMachineCommand request,  
CancellationToken cancellationToken)
```

Parameters

request [UpdateMachineCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Namespace MaintenanceChronicle.Application.Machines.Questions

Classes

[GetListOfMachinesQueryHandler](#)

[GetMachineByIdQueryHandler](#)

[GetMachinesForLocationQueryHandler](#)

Class GetListOfMachinesQueryHandler

Namespace: [MaintenanceChronicle.Application.Machines.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetListOfMachinesQueryHandler :  
    IRequestHandler<GetListOfEntityQuery<MachineInListDto>, List<MachineInListDto>>
```

Inheritance

[object](#) ← GetListOfMachinesQueryHandler

Implements

IRequestHandler<[GetListOfEntityQuery](#)<[MachineInListDto](#)>, [List](#)<[MachineInListDto](#)>>

Inherited Members

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

Constructors

GetListOfMachinesQueryHandler(AppDbContext)

```
public GetListOfMachinesQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetListOfEntityQuery<MachineInListDto>, CancellationToken)

Handles a request

```
public Task<List<MachineInListDto>> Handle(GetListOfEntityQuery<MachineInListDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetListOfEntityQuery<MachineInListDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class GetMachineByIdQueryHandler

Namespace: [MaintenanceChronicle.Application.Machines.Questions](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetMachineByIdQueryHandler :  
    IRequestHandler<GetEntityByIdQuery<MachineDetailDto>, MachineDetailDto>
```

Inheritance

[object](#) ← GetMachineByIdQueryHandler

Implements

IRequestHandler<[GetEntityByIdQuery](#)<[MachineDetailDto](#)>, [MachineDetailDto](#)>

Inherited Members

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

Constructors

GetMachineByIdQueryHandler(AppDbContext)

```
public GetMachineByIdQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetEntityByIdQuery<MachineDetailDto>,
CancellationToken)

Handles a request

```
public Task<MachineDetailDto> Handle(GetEntityByIdQuery<MachineDetailDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetEntityByIdQuery<MachineDetailDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)<MachineDetailDto>

Response from the request

Class GetMachinesForLocationQueryHandler

Namespace: [MaintenanceChronicle.Application.Machines.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetMachinesForLocationQueryHandler :  
    IRequestHandler<GetMachinesForLocationQuery, List<MachineInListForLocationDto>>
```

Inheritance

[object](#) ← GetMachinesForLocationQueryHandler

Implements

IRequestHandler<[GetMachinesForLocationQuery](#), [List](#)<[MachineInListForLocationDto](#)>>

Inherited Members

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

Constructors

GetMachinesForLocationQueryHandler(AppDbContext)

```
public GetMachinesForLocationQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetMachinesForLocationQuery, CancellationToken)

Handles a request

```
public Task<List<MachineInListForLocationDto>> Handle(GetMachinesForLocationQuery request,  
    CancellationToken cancellationToken)
```

Parameters

request [GetMachinesForLocationQuery](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Namespace MaintenanceChronicle.Application. Roles.Queries

Classes

[GetRoleByNameQueryHandler](#)

Class GetRoleByNameQueryHandler

Namespace: [MaintenanceChronicle.Application.Roles.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetRoleByNameQueryHandler :  
    IRequestHandler<GetEntityByNameQuery<RoleDetailDto>, RoleDetailDto>
```

Inheritance

[object](#) ← GetRoleByNameQueryHandler

Implements

IRequestHandler<[GetEntityByNameQuery](#)<[RoleDetailDto](#)>, [RoleDetailDto](#)>

Inherited Members

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

Constructors

GetRoleByNameQueryHandler(AppDbContext)

```
public GetRoleByNameQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetEntityByNameQuery<RoleDetailDto>, CancellationToken)

Handles a request

```
public Task<RoleDetailDto> Handle(GetEntityByNameQuery<RoleDetailDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetEntityByNameQuery<RoleDetailDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)<RoleDetailDto>

Response from the request

Namespace MaintenanceChronicle.Application.Tenants.Commands

Classes

[AddTenantClaimToUserPrincipalCommandHandler](#)

[AssignCreationInfoToTenantCommandHandler](#)

[CreateNewTenantCommandHandler](#)

[UpdateTenantCommandHandler](#)

Class

AddTenantClaimToUserPrincipalCommandHandler

Namespace: [MaintenanceChronicle.Application.Tenants.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class AddTenantClaimToUserPrincipalCommandHandler :  
IRequestHandler<AddTenantClaimToUserPrincipalCommand, ClaimsPrincipal>
```

Inheritance

[object](#) ← AddTenantClaimToUserPrincipalCommandHandler

Implements

IRequestHandler<[AddTenantClaimToUserPrincipalCommand](#), [ClaimsPrincipal](#)>

Inherited Members

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

Constructors

AddTenantClaimToUserPrincipalCommandHandler(AppDbContext)

```
public AddTenantClaimToUserPrincipalCommandHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle/AddTenantClaimToUserPrincipalCommand, CancellationToken)

Handles a request

```
public Task<ClaimsPrincipal> Handle(AddTenantClaimToUserPrincipalCommand request,  
CancellationToken cancellationToken)
```

Parameters

request [AddTenantClaimToUserPrincipalCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class

AssignCreationInfoToTenantCommandHandler

Namespace: [MaintenanceChronicle.Application.Tenants.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class AssignCreationInfoToTenantCommandHandler :  
IRequestHandler<AssignCreationInfoToTenantCommand>
```

Inheritance

[object](#) ← AssignCreationInfoToTenantCommandHandler

Implements

IRequestHandler<[AssignCreationInfoToTenantCommand](#)>

Inherited Members

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

Constructors

AssignCreationInfoToTenantCommandHandler(AppDbContext, IClock)

```
public AssignCreationInfoToTenantCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(AssignCreationInfoToTenantCommand, CancellationToken)

Handles a request

```
public Task Handle(AssignCreationInfoToTenantCommand request,  
CancellationToken cancellationToken)
```

Parameters

request [AssignCreationInfoToTenantCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)

Response from the request

Class CreateNewTenantCommandHandler

Namespace: [MaintenanceChronicle.Application.Tenants.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class CreateNewTenantCommandHandler : IRequestHandler<CreateNewTenantCommand, Guid>
```

Inheritance

[object](#) ← CreateNewTenantCommandHandler

Implements

IRequestHandler<[CreateNewTenantCommand](#), [Guid](#)>

Inherited Members

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

Constructors

CreateNewTenantCommandHandler(AppDbContext, IClock)

```
public CreateNewTenantCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(CreateNewTenantCommand, CancellationToken)

Handles a request

```
public Task<Guid> Handle(CreateNewTenantCommand request, CancellationToken
```

```
cancellationToken)
```

Parameters

request [CreateNewTenantCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class UpdateTenantCommandHandler

Namespace: [MaintenanceChronicle.Application.Tenants.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class UpdateTenantCommandHandler : IRequestHandler<UpdateTenantCommand>
```

Inheritance

[object](#) ← UpdateTenantCommandHandler

Implements

IRequestHandler<[UpdateTenantCommand](#)>

Inherited Members

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

Constructors

UpdateTenantCommandHandler(AppDbContext, IClock)

```
public UpdateTenantCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(UpdateTenantCommand, CancellationToken)

Handles a request

```
public Task Handle(UpdateTenantCommand request, CancellationToken cancellationToken)
```

Parameters

request [UpdateTenantCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)

Response from the request

Namespace MaintenanceChronicle.Application.Tenants.Queries

Classes

[GetListOfTenantsQueryHandler](#)

[GetTenantByIdQueryHandler](#)

Class GetListOfTenantsQueryHandler

Namespace: [MaintenanceChronicle.Application.Tenants.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetListOfTenantsQueryHandler :  
    IRequestHandler<GetListOfEntityQuery<TenantListDto>, List<TenantListDto>>
```

Inheritance

[object](#) ← GetListOfTenantsQueryHandler

Implements

IRequestHandler<[GetListOfEntityQuery](#)<[TenantListDto](#)>, [List](#)<[TenantListDto](#)>>

Inherited Members

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

Constructors

GetListOfTenantsQueryHandler(AppDbContext)

```
public GetListOfTenantsQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetListOfEntityQuery<TenantListDto>, CancellationToken)

Handles a request

```
public Task<List<TenantListDto>> Handle(GetListOfEntityQuery<TenantListDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetListOfEntityQuery<TenantListDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class GetTenantByIdQueryHandler

Namespace: [MaintenanceChronicle.Application.Tenants.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetTenantByIdQueryHandler :  
    IRequestHandler<GetEntityByIdQuery<TenantDetailDto>, TenantDetailDto>
```

Inheritance

[object](#) ← GetTenantByIdQueryHandler

Implements

IRequestHandler<[GetEntityByIdQuery](#)<[TenantDetailDto](#)>, [TenantDetailDto](#)>

Inherited Members

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

Constructors

GetTenantByIdQueryHandler(AppDbContext)

```
public GetTenantByIdQueryHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetEntityByIdQuery<TenantDetailDto>,
CancellationToken)

Handles a request

```
public Task<TenantDetailDto> Handle(GetEntityByIdQuery<TenantDetailDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetEntityByIdQuery<TenantDetailDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)<TenantDetailDto>

Response from the request

Namespace MaintenanceChronicle.Application. UserTenant.Commands

Classes

[RegisterUserAndTenantCommandHandler](#)

Class RegisterUserAndTenantCommandHandler

Namespace: [MaintenanceChronicle.Application.UserTenant.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class RegisterUserAndTenantCommandHandler :  
    IRequestHandler<RegisterUserAndTenantCommand, UserTenantIdsDto>
```

Inheritance

[object](#) ← RegisterUserAndTenantCommandHandler

Implements

IRequestHandler<[RegisterUserAndTenantCommand](#), [UserTenantIdsDto](#)>

Inherited Members

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

Constructors

RegisterUserAndTenantCommandHandler(AppDbContext, IClock, UserManager<User>)

```
public RegisterUserAndTenantCommandHandler(AppDbContext dbContext, IClock clock,  
    UserManager<User> userManager)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

userManager [UserManager](#)<User>

Methods

Handle(RegisterUserAndTenantCommand, CancellationToken)

Handles a request

```
public Task<UserTenantIdsDto> Handle(RegisterUserAndTenantCommand request,  
CancellationToken cancellationToken)
```

Parameters

request [RegisterUserAndTenantCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#) <UserTenantIdsDto>

Response from the request

Namespace MaintenanceChronicle.Application. Users.Commands

Classes

[AddPasswordToRegisteredUserCommandHandler](#)

[AddRolesToUserCommandHandler](#)

[CreateNewUserCommandHandler](#)

[GenerateClaimsPrincipalForUserCommandHandler](#)

[GenerateEmailConfirmationTokenForUserCommandHandler](#)

[RegisterNewUserCommandHandler](#)

[UpdateUserCommandHandler](#)

[ValidateEmailConfirmationTokenCommandHandler](#)

Class AddPasswordToRegisteredUserCommandHandler

Namespace: [MaintenanceChronicle.Application.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class AddPasswordToRegisteredUserCommandHandler :  
IRequestHandler<AddPasswordToRegisteredUserCommand>
```

Inheritance

[object](#) ← AddPasswordToRegisteredUserCommandHandler

Implements

IRequestHandler<[AddPasswordToRegisteredUserCommand](#)>

Inherited Members

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

Constructors

AddPasswordToRegisteredUserCommandHandler(UserManager<User>)

```
public AddPasswordToRegisteredUserCommandHandler(UserManager<User> userManager)
```

Parameters

userManager [UserManager](#)<User>

Methods

Handle/AddPasswordToRegisteredUserCommand, CancellationToken)

Handles a request

```
public Task Handle/AddPasswordToRegisteredUserCommand request,  
CancellationToken cancellationToken)
```

Parameters

request [AddPasswordToRegisteredUserCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)

Response from the request

Class AddRolesToUserCommandHandler

Namespace: [MaintenanceChronicle.Application.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class AddRolesToUserCommandHandler : IRequestHandler<AddRolesToUserCommand>
```

Inheritance

[object](#) ← AddRolesToUserCommandHandler

Implements

IRequestHandler<[AddRolesToUserCommand](#)>

Inherited Members

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

Constructors

AddRolesToUserCommandHandler(AppDbContext, IClock,
UserManager<User>)

```
public AddRolesToUserCommandHandler(AppDbContext dbContext, IClock clock,  
UserManager<User> userManager)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

userManager [UserManager](#)<User>

Methods

Handle(AddRolesToUserCommand, CancellationToken)

Handles a request

```
public Task Handle/AddRolesToUserCommand request, CancellationToken cancellationToken)
```

Parameters

request [AddRolesToUserCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)

Response from the request

Class CreateNewUserCommandHandler

Namespace: [MaintenanceChronicle.Application.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class CreateNewUserCommandHandler : IRequestHandler<CreateNewUserCommand, Guid>
```

Inheritance

[object](#) ← CreateNewUserCommandHandler

Implements

IRequestHandler<[CreateNewUserCommand](#), [Guid](#)>

Inherited Members

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

Constructors

CreateNewUserCommandHandler(UserManager<User>,
AppDbContext, IClock)

```
public CreateNewUserCommandHandler(UserManager<User> userManager, AppDbContext dbContext,  
IClock clock)
```

Parameters

userManager [UserManager](#)<User>

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(CreateNewUserCommand, CancellationToken)

Handles a request

```
public Task<Guid> Handle(CreateNewUserCommand request, CancellationToken cancellationToken)
```

Parameters

request [CreateNewUserCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class

GenerateClaimsPrincipalForUserCommandHandler

Namespace: [MaintenanceChronicle.Application.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GenerateClaimsPrincipalForUserCommandHandler :  
IRequestHandler<GenerateClaimsPrincipalForUserCommand, ClaimsPrincipal>
```

Inheritance

[object](#) ← GenerateClaimsPrincipalForUserCommandHandler

Implements

IRequestHandler<[GenerateClaimsPrincipalForUserCommand](#), [ClaimsPrincipal](#)>

Inherited Members

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

Constructors

GenerateClaimsPrincipalForUserCommandHandler(UserManager<User>, SignInManager<User>)

```
public GenerateClaimsPrincipalForUserCommandHandler(UserManager<User> userManager,  
SignInManager<User> signInManager)
```

Parameters

userManager [UserManager](#)<User>

signInManager [SignInManager](#)<User>

Methods

Handle(GenerateClaimsPrincipalForUserCommand, CancellationToken)

Handles a request

```
public Task<ClaimsPrincipal> Handle(GenerateClaimsPrincipalForUserCommand request,  
CancellationToken cancellationToken)
```

Parameters

request [GenerateClaimsPrincipalForUserCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class GenerateEmailConfirmationTokenForUserCom mandHandler

Namespace: [MaintenanceChronicle.Application.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GenerateEmailConfirmationTokenForUserCommandHandler :  
IRequestHandler<GenerateEmailConfirmationTokenForUserCommand, string>
```

Inheritance

[object](#) ← GenerateEmailConfirmationTokenForUserCommandHandler

Implements

IRequestHandler<[GenerateEmailConfirmationTokenForUserCommand](#), [string](#)>

Inherited Members

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

Constructors

GenerateEmailConfirmationTokenForUserCommandHandler(Use rManager<User>)

```
public GenerateEmailConfirmationTokenForUserCommandHandler(UserManager<User> userManager)
```

Parameters

userManager [UserManager](#)<User>

Methods

Handle(GenerateEmailConfirmationTokenForUserCommand, CancellationToken)

Handles a request

```
public Task<string> Handle(GenerateEmailConfirmationTokenForUserCommand request,  
CancellationToken cancellationToken)
```

Parameters

request [GenerateEmailConfirmationTokenForUserCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#) <string>

Response from the request

Class RegisterNewUserCommandHandler

Namespace: [MaintenanceChronicle.Application.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class RegisterNewUserCommandHandler : IRequestHandler<RegisterNewUserCommand, Guid>
```

Inheritance

[object](#) ← RegisterNewUserCommandHandler

Implements

IRequestHandler<[RegisterNewUserCommand](#), [Guid](#)>

Inherited Members

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

Constructors

RegisterNewUserCommandHandler(UserManager<User>, AppDbContext, IClock)

```
public RegisterNewUserCommandHandler(UserManager<User> userManager, AppDbContext dbContext,  
IClock clock)
```

Parameters

userManager [UserManager](#)<User>

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(RegisterNewUserCommand, CancellationToken)

Handles a request

```
public Task<Guid> Handle(RegisterNewUserCommand request, CancellationToken cancellationToken)
```

Parameters

request [RegisterNewUserCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class UpdateUserCommandHandler

Namespace: [MaintenanceChronicle.Application.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class UpdateUserCommandHandler : IRequestHandler<UpdateUserCommand>
```

Inheritance

[object](#) ← UpdateUserCommandHandler

Implements

IRequestHandler<[UpdateUserCommand](#)>

Inherited Members

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

Constructors

UpdateUserCommandHandler(AppDbContext, IClock)

```
public UpdateUserCommandHandler(AppDbContext dbContext, IClock clock)
```

Parameters

dbContext [AppDbContext](#)

clock [IClock](#)

Methods

Handle(UpdateUserCommand, CancellationToken)

Handles a request

```
public Task Handle(UpdateUserCommand request, CancellationToken cancellationToken)
```

Parameters

request [UpdateUserCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)

Response from the request

Class

ValidateEmailConfirmationTokenCommandHandler

Namespace: [MaintenanceChronicle.Application.Users.Commands](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class ValidateEmailConfirmationTokenCommandHandler :  
IRequestHandler<ValidateEmailConfirmationTokenCommand>
```

Inheritance

[object](#) ← ValidateEmailConfirmationTokenCommandHandler

Implements

IRequestHandler<[ValidateEmailConfirmationTokenCommand](#)>

Inherited Members

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

Constructors

ValidateEmailConfirmationTokenCommandHandler(UserManager<User>)

```
public ValidateEmailConfirmationTokenCommandHandler(UserManager<User> userManager)
```

Parameters

userManager [UserManager](#)<User>

Methods

Handle(ValidateEmailConfirmationTokenCommand, CancellationToken)

Handles a request

```
public Task Handle(ValidateEmailConfirmationTokenCommand request,  
CancellationToken cancellationToken)
```

Parameters

request [ValidateEmailConfirmationTokenCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)

Response from the request

Namespace MaintenanceChronicle.Application. Users.Queries

Classes

[GetListOfUsersQueryHandler](#)

[GetTenantIdFromUserCommandHandler](#)

[GetUserByIdQueryHandler](#)

Class GetListOfUsersQueryHandler

Namespace: [MaintenanceChronicle.Application.Users.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetListOfUsersQueryHandler : IRequestHandler<GetListOfEntityQuery<UserListDto>,  
List<UserListDto>>
```

Inheritance

[object](#) ← GetListOfUsersQueryHandler

Implements

IRequestHandler<[GetListOfEntityQuery](#)<UserListDto>, [List](#)<UserListDto>>

Inherited Members

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

Constructors

GetListOfUsersQueryHandler(UserManager<User>)

```
public GetListOfUsersQueryHandler(UserManager<User> userManager)
```

Parameters

userManager [UserManager](#)<User>

Methods

Handle(GetListOfEntityQuery<UserListDto>, CancellationToken)

Handles a request

```
public Task<List<UserListDto>> Handle(GetListOfEntityQuery<UserListDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetListOfEntityQuery<UserListDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class GetTenantIdFromUserCommandHandler

Namespace: [MaintenanceChronicle.Application.Users.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetTenantIdFromUserCommandHandler : IRequestHandler<GetTenantIdFromUserCommand,  
Guid>
```

Inheritance

[object](#) ← GetTenantIdFromUserCommandHandler

Implements

IRequestHandler<[GetTenantIdFromUserCommand](#), [Guid](#)>

Inherited Members

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

Constructors

GetTenantIdFromUserCommandHandler(AppDbContext)

```
public GetTenantIdFromUserCommandHandler(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

Handle(GetTenantIdFromUserCommand, CancellationToken)

Handles a request

```
public Task<Guid> Handle(GetTenantIdFromUserCommand request, CancellationToken  
cancellationToken)
```

Parameters

request [GetTenantIdFromUserCommand](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

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

Response from the request

Class GetUserByIdQueryHandler

Namespace: [MaintenanceChronicle.Application.Users.Queries](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class GetUserByIdQueryHandler : IRequestHandler<GetEntityByIdQuery<UserDetailDto>, UserDetailDto>
```

Inheritance

[object](#) ← GetUserByIdQueryHandler

Implements

IRequestHandler<[GetEntityByIdQuery](#)<[UserDetailDto](#)>, [UserDetailDto](#)>

Inherited Members

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

Constructors

GetUserByIdQueryHandler(UserManager<User>)

```
public GetUserByIdQueryHandler(UserManager<User> userManager)
```

Parameters

userManager [UserManager](#)<User>

Methods

Handle(GetEntityByIdQuery<UserDetailDto>, CancellationToken)

Handles a request

```
public Task<UserDetailDto> Handle(GetEntityByIdQuery<UserDetailDto> request,  
CancellationToken cancellationToken)
```

Parameters

request [GetEntityByIdQuery<UserDetailDto>](#)

The request

cancellationToken [CancellationToken](#)

Cancellation token

Returns

[Task](#)<UserDetailDto>

Response from the request

Namespace MaintenanceChronicle.Application.Validators

Classes

[UserTenantValidationMiddleware](#)

[UserTenantValidator](#)

Class UserTenantValidationMiddleware

Namespace: [MaintenanceChronicle.Application.Validators](#)

Assembly: MaintenanceChronicle.Application.dll

```
public class UserTenantValidationMiddleware : IMiddleware
```

Inheritance

[object](#) ← UserTenantValidationMiddleware

Implements

[IMiddleware](#)

Inherited Members

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

Constructors

UserTenantValidationMiddleware(AppDbContext)

```
public UserTenantValidationMiddleware(AppDbContext dbContext)
```

Parameters

dbContext [AppDbContext](#)

Methods

InvokeAsync(HttpContext, RequestDelegate)

Request handling method.

```
public Task InvokeAsync(HttpContext context, RequestDelegate next)
```

Parameters

`context` [HttpContext](#)

The [HttpContext](#) for the current request.

`next` [RequestDelegate](#)

The delegate representing the remaining middleware in the request pipeline.

Returns

[Task](#)

A [Task](#) that represents the execution of this middleware.

Class UserTenantValidator

Namespace: [MaintenanceChronicle.Application.Validators](#)

Assembly: MaintenanceChronicle.Application.dll

```
public static class UserTenantValidator
```

Inheritance

[object](#) ← UserTenantValidator

Inherited Members

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

Methods

ValidateUserTenantAccess(AppDbContext, string, string)

Validates if user and tenant exist, and if user has access to tenant

```
public static Task<bool> ValidateUserTenantAccess(this AppDbContext dbContext, string  
userId, string tenantId)
```

Parameters

dbContext [AppDbContext](#)

userId [string](#)

tenantId [string](#)

Returns

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

Namespace MaintenanceChronicle.Data

Classes

[AppDbContext](#)

Class AppDbContext

Namespace: [MaintenanceChronicle.Data](#)

Assembly: MaintenanceChronicle.Data.dll

```
public class AppDbContext : IdentityDbContext<User, Role, Guid, IdentityUserClaim<Guid>, UserRole, IdentityUserLogin<Guid>, IdentityRoleClaim<Guid>, IdentityUserToken<Guid>>, IInfrastructure<IServiceProvider>, IDbContextDependencies, IDbSetCache, IDbContextPoolable, IResettableService, IDisposable, IAsyncDisposable
```

Inheritance

```
object ↳ DbContext ↳
IdentityUserContext<User, Guid>, IdentityUserClaim<Guid>, IdentityUserLogin<Guid>, IdentityUserToken<Guid> >> ↳
IdentityDbContext<User, Role, Guid>, IdentityUserClaim<Guid>, UserRole, IdentityUserLogin<Guid>, IdentityRoleClaim<Guid>, IdentityUserToken<Guid> >> ↳
AppDbContext
```

Implements

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

Inherited Members

```
IdentityDbContext<User, Role, Guid, IdentityUserClaim<Guid>, UserRole, IdentityUserLogin<Guid>, IdentityRoleClaim<Guid>, IdentityUserToken<Guid>>.OnModelCreating(ModelBuilder) ,
IdentityDbContext<User, Role, Guid, IdentityUserClaim<Guid>, UserRole, IdentityUserLogin<Guid>, IdentityRoleClaim<Guid>, IdentityUserToken<Guid>>.UserRoles ,
IdentityDbContext<User, Role, Guid, IdentityUserClaim<Guid>, UserRole, IdentityUserLogin<Guid>, IdentityRoleClaim<Guid>, IdentityUserToken<Guid>>.Roles ,
IdentityDbContext<User, Role, Guid, IdentityUserClaim<Guid>, UserRole, IdentityUserLogin<Guid>, IdentityRoleClaim<Guid>, IdentityUserToken<Guid>>.RoleClaims ,
IdentityUserContext<User, Guid, IdentityUserClaim<Guid>, IdentityUserLogin<Guid>, IdentityUserToken<Guid>>.OnModelCreating(ModelBuilder) ,
IdentityUserContext<User, Guid, IdentityUserClaim<Guid>, IdentityUserLogin<Guid>, IdentityUserToken<Guid>>.Users ,
IdentityUserContext<User, Guid, IdentityUserClaim<Guid>, IdentityUserLogin<Guid>, IdentityUserToken<Guid>>.UserClaims ,
IdentityUserContext<User, Guid, IdentityUserClaim<Guid>, IdentityUserLogin<Guid>, IdentityUserToken<Guid>>.UserLogins ,
```

[IdentityUserContext<User, Guid, IdentityUserClaim<Guid>, IdentityUserLogin<Guid>, IdentityUserToken<Guid>>.UserTokens](#) ,
[IdentityUserContext<User, Guid, IdentityUserClaim<Guid>, IdentityUserLogin<Guid>, IdentityUserToken<Guid>>.SchemaVersion](#) ,
[DbContext.Set< TEntity >\(\)](#) , [DbContext.Set< TEntity >\(string\)](#) ,
[DbContext.OnConfiguring\(DbContextOptionsBuilder\)](#) ,
[DbContext.ConfigureConventions\(ModelConfigurationBuilder\)](#) , [DbContext.SaveChanges\(\)](#) ,
[DbContext.SaveChanges\(bool\)](#) , [DbContext.SaveChangesAsync\(CancellationToken\)](#) ,
[DbContext.SaveChangesAsync\(bool, CancellationToken\)](#) , [DbContext.Dispose\(\)](#) ,
[DbContext.DisposeAsync\(\)](#) , [DbContext.Entry< TEntity >\(TEntity\)](#) , [DbContext.Entry\(object\)](#) ,
[DbContext.Add< TEntity >\(TEntity\)](#) , [DbContext.AddAsync< TEntity >\(TEntity, CancellationToken\)](#) ,
[DbContext.Attach< TEntity >\(TEntity\)](#) , [DbContext.Update< TEntity >\(TEntity\)](#) ,
[DbContext.Remove< TEntity >\(TEntity\)](#) , [DbContext.Add\(object\)](#) ,
[DbContext.AddAsync\(object, CancellationToken\)](#) , [DbContext.Attach\(object\)](#) ,
[DbContext.Update\(object\)](#) , [DbContext.Remove\(object\)](#) , [DbContext.AddRange\(params object\[\]\)](#) ,
[DbContext.AddRangeAsync\(params object\[\]\)](#) , [DbContext.AttachRange\(params object\[\]\)](#) ,
[DbContext.UpdateRange\(params object\[\]\)](#) , [DbContext.RemoveRange\(params object\[\]\)](#) ,
[DbContext.AddRange\(IEnumerable< object >\)](#) ,
[DbContext.AddRangeAsync\(IEnumerable< object >, CancellationToken\)](#) ,
[DbContext.AttachRange\(IEnumerable< object >\)](#) , [DbContext.UpdateRange\(IEnumerable< object >\)](#) ,
[DbContext.RemoveRange\(IEnumerable< object >\)](#) , [DbContext.Find\(Type, params object\[\]\)](#) ,
[DbContext.FindAsync\(Type, params object\[\]\)](#) ,
[DbContext.FindAsync\(Type, object\[\], CancellationToken\)](#) , [DbContext.Find< TEntity >\(params object\[\]\)](#) ,
[DbContext.FindAsync< TEntity >\(params object\[\]\)](#) ,
[DbContext.FindAsync< TEntity >\(object\[\], CancellationToken\)](#) ,
[DbContext.FromExpression< TResult >\(Expression< Func< IQueryables< TResult > > \)](#) ,
[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

AppDbContext(DbContextOptions<AppDbContext>,
ICurrentTenantProvider)

```
public AppDbContext(DbContextOptions<AppDbContext> options, ICurrentTenantProvider  
currentTenantProvider)
```

Parameters

options [DbContextOptions](#) <AppDbContext>

currentTenantProvider [ICurrentTenantProvider](#)

Properties

Customers

```
public DbSet<Customer> Customers { get; set; }
```

Property Value

[DbSet](#) <Customer>

LocationContactUsers

```
public DbSet<LocationContactUser> LocationContactUsers { get; set; }
```

Property Value

[DbSet](#) <LocationContactUser>

Locations

```
public DbSet<Location> Locations { get; set; }
```

Property Value

[DbSet](#) <Location>

Machines

```
public DbSet<Machine> Machines { get; set; }
```

Property Value

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

Tenants

```
public DbSet<Tenant> Tenants { get; set; }
```

Property Value

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

Methods

OnModelCreating(ModelBuilder)

Configures the schema needed for the identity framework.

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

Parameters

[modelBuilder](#) [ModelBuilder](#)

Namespace MaintenanceChronicle.Data. Entities.Account

Classes

[Role](#)

[Tenant](#)

[User](#)

[UserRole](#)

Class Role

Namespace: [MaintenanceChronicle.Data.Entities.Account](#)

Assembly: MaintenanceChronicle.Data.dll

```
[Table("Role")]
public class Role : IdentityRole<Guid>
```

Inheritance

[object](#) ← [IdentityRole](#)<[Guid](#)> ← Role

Inherited Members

[IdentityRole<Guid>.ToString\(\)](#) , [IdentityRole<Guid>.Id](#) , [IdentityRole<Guid>.Name](#) ,
[IdentityRole<Guid>.NormalizedName](#) , [IdentityRole<Guid>.ConcurrencyStamp](#) ,
[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#)

Properties

Users

```
public ICollection<UserRole> Users { get; set; }
```

Property Value

[ICollection](#)<[UserRole](#)>

Class Tenant

Namespace: [MaintenanceChronicle.Data.Entities.Account](#)

Assembly: MaintenanceChronicle.Data.dll

```
[Table("Tenant")]
public class Tenant : ITrackable
```

Inheritance

[object](#) ← Tenant

Implements

[ITrackable](#)

Inherited Members

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

Extension Methods

[TrackableExtensions.SetCreateBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetCreateBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetDeleteBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetDeleteBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetModifyBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetModifyBy<T>\(T, string, Instant\)](#).

Properties

CreatedAt

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

Property Value

[Instant](#)

CreatedBy

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

Property Value

[string](#) ↗

DeletedAt

```
public Instant? DeletedAt { get; set; }
```

Property Value

[Instant](#) ↗?

DeletedBy

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

Property Value

[string](#) ↗

Id

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

Property Value

[Guid](#) ↗

ModifiedAt

```
public Instant ModifiedAt { get; set; }
```

Property Value

[Instant](#) ↗

ModifiedBy

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

Property Value

[string](#) ↗

Name

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

Property Value

[string](#) ↗

Class User

Namespace: [MaintenanceChronicle.Data.Entities.Account](#)

Assembly: MaintenanceChronicle.Data.dll

```
[Table("User")]
public class User : IdentityUser<Guid>, ITenant, ITrackable
```

Inheritance

[object](#) ← [IdentityUser](#)<[Guid](#)> ← User

Implements

[ITenant](#), [ITrackable](#)

Inherited Members

[IdentityUser<Guid>.ToString\(\)](#), [IdentityUser<Guid>.Id](#), [IdentityUser<Guid>.UserName](#),
[IdentityUser<Guid>.NormalizedUserName](#), [IdentityUser<Guid>.Email](#),
[IdentityUser<Guid>.NormalizedEmail](#), [IdentityUser<Guid>.EmailConfirmed](#),
[IdentityUser<Guid>.PasswordHash](#), [IdentityUser<Guid>.SecurityStamp](#),
[IdentityUser<Guid>.ConcurrencyStamp](#), [IdentityUser<Guid>.PhoneNumber](#),
[IdentityUser<Guid>.PhoneNumberConfirmed](#), [IdentityUser<Guid>.TwoFactorEnabled](#),
[IdentityUser<Guid>.LockoutEnd](#), [IdentityUser<Guid>.LockoutEnabled](#),
[IdentityUser<Guid>.AccessFailedCount](#), [object.Equals\(object\)](#), [object.Equals\(object, object\)](#),
[object.GetHashCode\(\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#),
[object.ReferenceEquals\(object, object\)](#)

Extension Methods

[TrackableExtensions.SetCreateBySystem<T>\(T, Instant\)](#),
[TrackableExtensions.SetCreateBy<T>\(T, string, Instant\)](#),
[TrackableExtensions.SetDeleteBySystem<T>\(T, Instant\)](#),
[TrackableExtensions.SetDeleteBy<T>\(T, string, Instant\)](#),
[TrackableExtensions.SetModifyBySystem<T>\(T, Instant\)](#),
[TrackableExtensions.SetModifyBy<T>\(T, string, Instant\)](#).

Properties

CreatedAt

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

Property Value

[Instant](#) ↗

CreatedBy

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

Property Value

[string](#) ↗

DeletedAt

```
public Instant? DeletedAt { get; set; }
```

Property Value

[Instant](#) ↗?

DeletedBy

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

Property Value

[string](#) ↗

FirstName

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

Property Value

[string](#)

LastName

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

Property Value

[string](#)

Locations

```
public ICollection<LocationContactUser> Locations { get; set; }
```

Property Value

[ICollection](#) <[LocationContactUser](#)>

ModifiedAt

```
public Instant ModifiedAt { get; set; }
```

Property Value

[Instant](#)

ModifiedBy

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

Property Value

[string](#)

Roles

```
public ICollection<UserRole> Roles { get; set; }
```

Property Value

[ICollection](#)<[UserRole](#)>

Tenant

```
public Tenant Tenant { get; set; }
```

Property Value

[Tenant](#)

TenantId

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

Property Value

[Guid](#)

Class UserRole

Namespace: [MaintenanceChronicle.Data.Entities.Account](#)

Assembly: MaintenanceChronicle.Data.dll

```
[Table("UserRole")]
public class UserRole : IdentityUserRole<Guid>, ITenant, ITrackable
```

Inheritance

[object](#) ← [IdentityUserRole](#)<[Guid](#)> ← UserRole

Implements

[ITenant](#), [ITrackable](#)

Inherited Members

[IdentityUserRole<Guid>.UserId](#) , [IdentityUserRole<Guid>.RoleId](#) , [object.Equals\(object\)](#) ,
[object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Extension Methods

[TrackableExtensions.SetCreateBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetCreateBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetDeleteBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetDeleteBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetModifyBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetModifyBy<T>\(T, string, Instant\)](#).

Properties

CreatedAt

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

Property Value

[Instant](#)

CreatedBy

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

Property Value

[string](#) ↗

DeletedAt

```
public Instant? DeletedAt { get; set; }
```

Property Value

[Instant](#) ↗?

DeletedBy

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

Property Value

[string](#) ↗

ModifiedAt

```
public Instant ModifiedAt { get; set; }
```

Property Value

[Instant](#) ↗

ModifiedBy

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

Property Value

[string](#) ↗

Role

```
public Role Role { get; set; }
```

Property Value

[Role](#)

Tenant

```
public Tenant Tenant { get; set; }
```

Property Value

[Tenant](#)

TenantId

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

Property Value

[Guid](#) ↗

User

```
public User User { get; set; }
```

Property Value

[User](#)

Namespace MaintenanceChronicle.Data. Entities.Business

Classes

[Customer](#)

[Location](#)

[LocationContactUser](#)

[Machine](#)

Class Customer

Namespace: [MaintenanceChronicle.Data.Entities.Business](#)

Assembly: MaintenanceChronicle.Data.dll

```
[Table("Customer")]
public class Customer : ITrackable, ITenant
```

Inheritance

[object](#) ← Customer

Implements

[ITrackable](#), [ITenant](#)

Inherited Members

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

Extension Methods

[TrackableExtensions.SetCreateBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetCreateBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetDeleteBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetDeleteBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetModifyBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetModifyBy<T>\(T, string, Instant\)](#).

Properties

CreatedAt

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

Property Value

[Instant](#)

CreatedBy

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

Property Value

[string](#) ↗

DeletedAt

```
public Instant? DeletedAt { get; set; }
```

Property Value

[Instant](#) ↗?

DeletedBy

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

Property Value

[string](#) ↗

Id

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

Property Value

[Guid](#) ↗

Locations

```
public ICollection<Location> Locations { get; set; }
```

Property Value

[ICollection](#)<[Location](#)>

ModifiedAt

```
public Instant ModifiedAt { get; set; }
```

Property Value

[Instant](#)

ModifiedBy

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

Property Value

[string](#)

Name

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

Property Value

[string](#)

Tenant

```
public Tenant Tenant { get; set; }
```

Property Value

[Tenant](#)

TenantId

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

Property Value

[Guid](#) ↗

Class Location

Namespace: [MaintenanceChronicle.Data.Entities.Business](#)

Assembly: MaintenanceChronicle.Data.dll

```
[Table("Location")]
public class Location : ITrackable, ITenant
```

Inheritance

[object](#) ← Location

Implements

[ITrackable](#), [ITenant](#)

Inherited Members

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

Extension Methods

[TrackableExtensions.SetCreateBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetCreateBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetDeleteBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetDeleteBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetModifyBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetModifyBy<T>\(T, string, Instant\)](#).

Properties

City

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

Property Value

[string](#)

Contacts

```
public ICollection<LocationContactUser> Contacts { get; set; }
```

Property Value

[ICollection](#) <[LocationContactUser](#)>

Country

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

Property Value

[string](#)

CreatedAt

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

Property Value

[Instant](#)

CreatedBy

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

Property Value

[string](#)

Customer

```
public Customer Customer { get; set; }
```

Property Value

[Customer](#)

CustomerId

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

Property Value

[Guid](#)

DeletedAt

```
public Instant? DeletedAt { get; set; }
```

Property Value

[Instant](#)?

DeletedBy

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

Property Value

[string](#)

Id

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

Property Value

[Guid](#)

Machines

```
public ICollection<Machine> Machines { get; set; }
```

Property Value

[ICollection](#)<[Machine](#)>

ModifiedAt

```
public Instant ModifiedAt { get; set; }
```

Property Value

[Instant](#)

ModifiedBy

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

Property Value

[string](#)

Name

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

Property Value

[string](#) ↗

Street

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

Property Value

[string](#) ↗

Tenant

```
public Tenant Tenant { get; set; }
```

Property Value

[Tenant](#)

TenantId

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

Property Value

[Guid](#) ↗

Class LocationContactUser

Namespace: [MaintenanceChronicle.Data.Entities.Business](#)

Assembly: MaintenanceChronicle.Data.dll

```
[Table("LocationContactUser")]
public class LocationContactUser : ITrackable, ITenant
```

Inheritance

[object](#) ← LocationContactUser

Implements

[ITrackable](#), [ITenant](#)

Inherited Members

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

Extension Methods

[TrackableExtensions.SetCreateBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetCreateBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetDeleteBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetDeleteBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetModifyBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetModifyBy<T>\(T, string, Instant\)](#).

Properties

CreatedAt

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

Property Value

[Instant](#)

CreatedBy

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

Property Value

[string](#) ↗

DeletedAt

```
public Instant? DeletedAt { get; set; }
```

Property Value

[Instant](#) ↗?

DeletedBy

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

Property Value

[string](#) ↗

Id

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

Property Value

[Guid](#) ↗

Location

```
public Location Location { get; set; }
```

Property Value

[Location](#)

LocationId

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

Property Value

[Guid](#)

ModifiedAt

```
public Instant ModifiedAt { get; set; }
```

Property Value

[Instant](#)

ModifiedBy

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

Property Value

[string](#)

Tenant

```
public Tenant Tenant { get; set; }
```

Property Value

[Tenant](#)

TenantId

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

Property Value

[Guid](#) ↗

User

```
public User User { get; set; }
```

Property Value

[User](#)

UserId

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

Property Value

[Guid](#) ↗

Class Machine

Namespace: [MaintenanceChronicle.Data.Entities.Business](#)

Assembly: MaintenanceChronicle.Data.dll

```
[Table("Machine")]
public class Machine : ITrackable, ITenant
```

Inheritance

[object](#) ← Machine

Implements

[ITrackable](#), [ITenant](#)

Inherited Members

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

Extension Methods

[TrackableExtensions.SetCreateBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetCreateBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetDeleteBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetDeleteBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetModifyBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetModifyBy<T>\(T, string, Instant\)](#).

Properties

Color

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

Property Value

[string](#)

CreatedAt

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

Property Value

[Instant](#) ↗

CreatedBy

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

Property Value

[string](#) ↗

DeletedAt

```
public Instant? DeletedAt { get; set; }
```

Property Value

[Instant](#) ↗?

DeletedBy

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

Property Value

[string](#) ↗

Id

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

Property Value

[Guid](#) ↗

InUseSince

```
public Instant InUseSince { get; set; }
```

Property Value

[Instant](#) ↗

Location

```
public Location Location { get; set; }
```

Property Value

[Location](#)

LocationId

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

Property Value

[Guid](#) ↗

Manufacture

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

Property Value

[string](#)

Model

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

Property Value

[string](#)

ModifiedAt

```
public Instant ModifiedAt { get; set; }
```

Property Value

[Instant](#)

ModifiedBy

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

Property Value

[string](#)

SerialNumber

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

Property Value

[string](#) ↗

Tenant

```
public Tenant Tenant { get; set; }
```

Property Value

[Tenant](#)

TenantId

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

Property Value

[Guid](#) ↗

Namespace MaintenanceChronicle.Data.Interfaces

Classes

[TrackableExtensions](#)

Interfaces

[ITenant](#)

[ITrackable](#)

Interface ITenant

Namespace: [MaintenanceChronicle.Data.Interfaces](#)

Assembly: MaintenanceChronicle.Data.dll

```
public interface ITenant
```

Properties

Tenant

```
Tenant Tenant { get; set; }
```

Property Value

[Tenant](#)

TenantId

```
Guid TenantId { get; set; }
```

Property Value

[Guid](#) ↗

Interface ITrackable

Namespace: [MaintenanceChronicle.Data.Interfaces](#)

Assembly: MaintenanceChronicle.Data.dll

```
public interface ITrackable
```

Extension Methods

[TrackableExtensions.SetCreateBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetCreateBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetDeleteBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetDeleteBy<T>\(T, string, Instant\)](#) ,
[TrackableExtensions.SetModifyBySystem<T>\(T, Instant\)](#) ,
[TrackableExtensions.SetModifyBy<T>\(T, string, Instant\)](#).

Properties

CreatedAt

```
Instant CreatedAt { get; set; }
```

Property Value

[Instant](#) ↗

CreatedBy

```
string CreatedBy { get; set; }
```

Property Value

[string](#) ↗

DeletedAt

```
Instant? DeletedAt { get; set; }
```

Property Value

[Instant](#)?

DeletedBy

```
string? DeletedBy { get; set; }
```

Property Value

[string](#)

ModifiedAt

```
Instant ModifiedAt { get; set; }
```

Property Value

[Instant](#)

ModifiedBy

```
string ModifiedBy { get; set; }
```

Property Value

[string](#)

Class TrackableExtensions

Namespace: [MaintenanceChronicle.Data.Interfaces](#)

Assembly: MaintenanceChronicle.Data.dll

```
public static class TrackableExtensions
```

Inheritance

[object](#) ← TrackableExtensions

Inherited Members

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

Methods

SetCreateBySystem<T>(T, Instant)

```
public static T SetCreateBySystem<T>(this T trackable, Instant now) where T :  
class, ITrackable
```

Parameters

trackable T

now [Instant](#)

Returns

T

Type Parameters

T

SetCreateBy<T>(T, string, Instant)

```
public static T SetCreateBy<T>(this T trackable, string author, Instant now) where T :  
class, ITrackable
```

Parameters

trackable T

author [string](#)

now [Instant](#)

Returns

T

Type Parameters

T

SetDeleteBySystem<T>(T, Instant)

```
public static T SetDeleteBySystem<T>(this T trackable, Instant now) where T :  
class, ITrackable
```

Parameters

trackable T

now [Instant](#)

Returns

T

Type Parameters

T

SetDeleteBy<T>(T, string, Instant)

```
public static T SetDeleteBy<T>(this T trackable, string author, Instant now) where T :  
    class, ITrackable
```

Parameters

trackable T

author [string](#)

now [Instant](#)

Returns

T

Type Parameters

T

SetModifyBySystem<T>(T, Instant)

```
public static T SetModifyBySystem<T>(this T trackable, Instant now) where T :  
    class, ITrackable
```

Parameters

trackable T

now [Instant](#)

Returns

T

Type Parameters

T

SetModifyBy<T>(T, string, Instant)

```
public static T SetModifyBy<T>(this T trackable, string author, Instant now) where T :  
    class, ITrackable
```

Parameters

trackable T

author [string](#)

now [Instant](#)

Returns

T

Type Parameters

T

Namespace MaintenanceChronicle.Data.Migrations

Classes

[AddedITrackableToEntities](#)

A base class inherited by each EF Core migration.

[AddedLocationContactUser](#)

A base class inherited by each EF Core migration.

[AddedTenantAndPutTenantIdToEntities](#)

A base class inherited by each EF Core migration.

[CustomerAdded](#)

A base class inherited by each EF Core migration.

[Init](#)

A base class inherited by each EF Core migration.

[LocationEntityAdded](#)

A base class inherited by each EF Core migration.

[MachineAdded](#)

A base class inherited by each EF Core migration.

[RolesAdded](#)

A base class inherited by each EF Core migration.

Class AddedITrackableToEntities

Namespace: [MaintenanceChronicle.Data.Migrations](#)

Assembly: MaintenanceChronicle.Data.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(AppDbContext))]
[Migration("20241107211618_AddedITrackableToEntities")]
public class AddedITrackableToEntities : Migration
```

Inheritance

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

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 AddedLocationContactUser

Namespace: [MaintenanceChronicle.Data.Migrations](#)

Assembly: MaintenanceChronicle.Data.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(AppDbContext))]
[Migration("20241217084713_AddedLocationContactUser")]
public class AddedLocationContactUser : Migration
```

Inheritance

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

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 AddedTenantAndPutTenantIdToEntities

Namespace: [MaintenanceChronicle.Data.Migrations](#)

Assembly: MaintenanceChronicle.Data.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(AppDbContext))]
[Migration("20241102210359_AddedTenantAndPutTenantIdToEntities")]
public class AddedTenantAndPutTenantIdToEntities : Migration
```

Inheritance

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

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 CustomerAdded

Namespace: [MaintenanceChronicle.Data.Migrations](#)

Assembly: MaintenanceChronicle.Data.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(AppDbContext))]
[Migration("20241203090855_CustomerAdded")]
public class CustomerAdded : Migration
```

Inheritance

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

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: [MaintenanceChronicle.Data.Migrations](#)

Assembly: MaintenanceChronicle.Data.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(AppDbContext))]
[Migration("20240911094935_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 LocationEntityAdded

Namespace: [MaintenanceChronicle.Data.Migrations](#)

Assembly: MaintenanceChronicle.Data.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(AppDbContext))]
[Migration("20241213124411_LocationEntityAdded")]
public class LocationEntityAdded : Migration
```

Inheritance

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

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 MachineAdded

Namespace: [MaintenanceChronicle.Data.Migrations](#)

Assembly: MaintenanceChronicle.Data.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(AppDbContext))]
[Migration("20241219095945_MachineAdded")]
public class MachineAdded : Migration
```

Inheritance

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

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 RolesAdded

Namespace: [MaintenanceChronicle.Data.Migrations](#)

Assembly: MaintenanceChronicle.Data.dll

A base class inherited by each EF Core migration.

```
[DbContext(typeof(AppDbContext))]
[Migration("20241109154439_RolesAdded")]
public class RolesAdded : Migration
```

Inheritance

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

Inherited Members

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

Remarks

See [Database migrations](#) for more information and examples.

Methods

BuildTargetModel(ModelBuilder)

Implemented to build the [TargetModel](#).

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

Parameters

`modelBuilder` [ModelBuilder](#)

The [ModelBuilder](#) to use to build the model.

Remarks

See [Database migrations](#) for more information and examples.

Down(MigrationBuilder)

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

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

Parameters

`migrationBuilder` [MigrationBuilder](#)

The [MigrationBuilder](#) that will build the operations.

Remarks

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

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

See [Database migrations](#) for more information and examples.

Up(MigrationBuilder)

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

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

Parameters

`migrationBuilder` [MigrationBuilder](#)

The [MigrationBuilder](#) that will build the operations.

Remarks

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

This method must be overridden in each class that inherits from [Migration](#).

See [Database migrations](#) for more information and examples.

Namespace MaintenanceChronicle.Utilities.Constants

Classes

[MaintenanceChronicleClaimTypes](#)

[RoleTypes](#)

Class MaintenanceChronicleClaimTypes

Namespace: [MaintenanceChronicle.Utilities.Constants](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public class MaintenanceChronicleClaimTypes
```

Inheritance

[object](#) ← MaintenanceChronicleClaimTypes

Inherited Members

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

Fields

TenantIdClaimType

```
public const string TenantIdClaimType = "https://service-track/claims/tenant-id"
```

Field Value

[string](#)

Class RoleTypes

Namespace: [MaintenanceChronicle.Utilities.Constants](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public class RoleTypes
```

Inheritance

[object](#) ← RoleTypes

Inherited Members

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

Fields

Admin

```
public const string Admin = "Admin"
```

Field Value

[string](#)

GlobalAdmin

```
public const string GlobalAdmin = "GlobalAdmin"
```

Field Value

[string](#)

Technician

```
public const string Technician = "Technician"
```

Field Value

[string](#) ↗

Namespace MaintenanceChronicle.Utilities.

Enum

Classes

[EnumExtensions](#)

Class EnumExtensions

Namespace: [MaintenanceChronicle.Utilities.Enum](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public static class EnumExtensions
```

Inheritance

[object](#) ← EnumExtensions

Inherited Members

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

Methods

GetErrorMessage(Enum)

```
public static string GetErrorMessage(this Enum value)
```

Parameters

value [Enum](#)

Returns

[string](#)

Namespace MaintenanceChronicle.Utilities.Error

Classes

[BadRequestException](#)

[ErrorMessageAttribute](#)

[ExceptionMiddleware](#)

[InternalServerException](#)

Enums

[ErrorType](#)

Class BadRequestException

Namespace: [MaintenanceChronicle.Utilities.Error](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public class BadRequestException : Exception, ISerializable
```

Inheritance

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

Implements

[ISerializable](#)

Inherited Members

[Exception.GetBaseException\(\)](#) , [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

BadRequestException(ErrorType)

```
public BadRequestException(ErrorType errorType)
```

Parameters

errorType [ErrorType](#)

Properties

ErrorType

```
public ErrorType ErrorType { get; }
```

Property Value

[ErrorType](#)

Class ErrorMessageAttribute

Namespace: [MaintenanceChronicle.Utilities.Error](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public class ErrorMessageAttribute : Attribute
```

Inheritance

[object](#) ← [Attribute](#) ← ErrorMessageAttribute

Inherited Members

[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

ErrorMessageAttribute(string)

```
public ErrorMessageAttribute(string message)
```

Parameters

message [string](#)

Properties

Message

```
public string Message { get; }
```

Property Value

[string](#)

Enum ErrorType

Namespace: [MaintenanceChronicle.Utilities.Error](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public enum ErrorType
```

Extension Methods

[EnumExtensions.GetErrorMessage\(Enum\)](#)

Fields

```
[ErrorMessage("Sorry this customer doesn't exist!")] CustomerNotFound = 9  
  
[ErrorMessage("User with this email already exists!")] EmailAlreadyExists = 0  
  
[ErrorMessage("Sorry this token is invalid!")] InvalidEmailConfirmationToken = 4  
  
[ErrorMessage("Sorry your identity couldn't be accessed!")] InvalidIdentityCookie = 7  
  
[ErrorMessage("Wrong password!")] InvalidPassword = 3  
  
[ErrorMessage("Sorry this location doesn't exist!")] LocationNotFound = 11  
  
[ErrorMessage("Sorry this machine doesn't exist!")] MachineNotFound = 12  
  
[ErrorMessage("Name must be unique!")] NameMustBeUnique = 5  
  
[ErrorMessage("Sorry this password doesn't meet our requirements!")]  
PasswordDoesNotMeetRequirements = 2  
  
[ErrorMessage("Sorry this role doesn't exist!")] RoleNotFound = 8  
  
[ErrorMessage("Sorry this tenant doesn't exist!")] TenantNotFound = 6  
  
[ErrorMessage("Sorry this user doesn't exist!")] UserNotFound = 1  
  
[ErrorMessage("Sorry you don't have access to this tenant!")] UserNotInTenant = 10
```

Class ExceptionMiddleware

Namespace: [MaintenanceChronicle.Utilities.Error](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public class ExceptionMiddleware
```

Inheritance

[object](#) ← ExceptionMiddleware

Inherited Members

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

Constructors

ExceptionMiddleware(ILogger<ExceptionMiddleware>, RequestDelegate)

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

Parameters

logger [ILogger](#)<[ExceptionMiddleware](#)>

next [RequestDelegate](#)

Methods

InvokeAsync(HttpContext)

```
public Task InvokeAsync(HttpContext context)
```

Parameters

`context` [HttpContext](#)

Returns

[Task](#)

Class InternalServerErrorException

Namespace: [MaintenanceChronicle.Utilities.Error](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public class InternalServerErrorException : Exception, ISerializable
```

Inheritance

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

Implements

[ISerializable](#)

Inherited Members

[Exception.GetBaseException\(\)](#) , [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(List<string>)

```
public InternalServerErrorException(List<string> errors)
```

Parameters

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

InternalServerErrorException(string)

```
public InternalServerErrorException(string error)
```

Parameters

error [string](#)

Properties

Errors

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

Property Value

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

Namespace MaintenanceChronicle.Utilities.Helpers

Classes

[IdentityCookieExtension](#)

[NormalizeStringExtension](#)

Interfaces

[ICurrentTenantProvider](#)

Interface ICurrentTenantProvider

Namespace: [MaintenanceChronicle.Utilities.Helpers](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public interface ICurrentTenantProvider
```

Properties

TenantId

```
Guid TenantId { get; }
```

Property Value

[Guid](#) ↗

Class IdentityCookieExtension

Namespace: [MaintenanceChronicle.Utilities.Helpers](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public static class IdentityCookieExtension
```

Inheritance

[object](#) ← IdentityCookieExtension

Inherited Members

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

Methods

GetTenantId(ClaimsPrincipal)

```
public static string GetTenantId(this ClaimsPrincipal claimsPrincipal)
```

Parameters

claimsPrincipal [ClaimsPrincipal](#)

Returns

[string](#)

GetUserId(ClaimsPrincipal)

```
public static string GetUserId(this ClaimsPrincipal claimsPrincipal)
```

Parameters

claimsPrincipal [ClaimsPrincipal](#)

Returns

[string](#) ↗

Class NormalizeStringExtension

Namespace: [MaintenanceChronicle.Utilities.Helpers](#)

Assembly: MaintenanceChronicle.Utilities.dll

```
public static class NormalizeStringExtension
```

Inheritance

[object](#) ← NormalizeStringExtension

Inherited Members

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

Methods

NormalizeToUpper(string)

```
public static string NormalizeToUpper(this string value)
```

Parameters

value [string](#)

Returns

[string](#)