

# Namespace Solstice.Domain.Exceptions

## Classes

### [CoreException](#)

Represents an exception that is thrown when there is an error.

### [CoreExceptionEnumExtension](#)

Provides extension methods for the [CoreExceptionEnum](#) enumeration.

## Enums

### [CoreExceptionEnum](#)

Represents the possible exceptions that can be thrown by the Solstice.Domain classes.

# Class CoreException

Namespace: [Solstice.Domain.Exceptions](#)

Assembly: Solstice.Domain.dll

Represents an exception that is thrown when there is an error.

```
public class CoreException : Exception, ISerializable
```


















## Inheritance

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

## 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\(object, object\)](#) 

## Extension Methods

[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<Task<TResult>>\)](#)  
,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<TResult>\)](#),  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<Task<TResult>>\)](#),  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<TResult>\)](#)

## Constructors

### CoreException(int, string)

```
public CoreException(int statusCode, string message)
```

## Parameters

statusCode [int](#)

message [string](#)

## CoreException(int, string, Exception)

```
public CoreException(int statusCode, string message, Exception innerException)
```

### Parameters

statusCode [int](#)

message [string](#)

innerException [Exception](#)

## CoreException(string)

```
public CoreException(string message)
```

### Parameters

message [string](#)

## CoreException(string, Exception)

```
public CoreException(string message, Exception innerException)
```

### Parameters

message [string](#)

innerException [Exception](#)

## Properties

# StatusCode

```
public int StatusCode { get; }
```

## Property Value

[int](#)

## Methods

### Error400(params object[])

Generate a 400 error with or without a message.

```
public static CoreException Error400(params object[] values)
```

## Parameters

values [object](#)[]

## Returns

[CoreException](#)

### Error401(params object[])

Generate a 401 error with or without a message.

```
public static CoreException Error401(params object[] values)
```

## Parameters

values [object](#)[]

## Returns

[CoreException](#)

## Error403(params object[])

Generate a 403 error with or without a message.

```
public static CoreException Error403(params object[] values)
```

### Parameters

values [object](#)[]

### Returns

[CoreException](#)

## Error404(params object[])

Generate a 404 error with or without a message.

```
public static CoreException Error404(params object[] values)
```

### Parameters

values [object](#)[]

### Returns

[CoreException](#)

## Error500(params object[])

Generate a 500 error with or without a message.

```
public static CoreException Error500(params object[] values)
```

### Parameters

values [object](#)[]

Returns

[CoreException](#)

## Format(CoreExceptionEnum)

Used to generate exception message based on the provided [CoreExceptionEnum](#).

```
public static CoreException Format(CoreExceptionEnum coreExceptionEnum)
```

Parameters

coreExceptionEnum [CoreExceptionEnum](#)

Returns

[CoreException](#)

## Format(CoreExceptionEnum, params object[])

```
public static CoreException Format(CoreExceptionEnum coreExceptionEnum, params  
object[] values)
```

Parameters

coreExceptionEnum [CoreExceptionEnum](#)

values [object](#)[]

Returns

[CoreException](#)

# Format(Exception, CoreExceptionEnum, params object[])

```
public static CoreException Format(Exception ex, CoreExceptionEnum  
coreExceptionEnum, params object[] values)
```

## Parameters

ex [Exception](#)

coreExceptionEnum [CoreExceptionEnum](#)

values [object](#)[]

## Returns

[CoreException](#)

# Format(Exception, int, CoreExceptionEnum, params object[])

```
public static CoreException Format(Exception ex, int statusCode, CoreExceptionEnum  
coreExceptionEnum, params object[] values)
```

## Parameters

ex [Exception](#)

statusCode [int](#)

coreExceptionEnum [CoreExceptionEnum](#)

values [object](#)[]

## Returns

[CoreException](#)

# Format(int, CoreExceptionEnum, params object[])

```
public static CoreException Format(int statusCode, CoreExceptionEnum  
coreExceptionEnum, params object[] values)
```

## Parameters

statusCode [int](#)

coreExceptionEnum [CoreExceptionEnum](#)

values [object](#)[]

## Returns

[CoreException](#)



# Enum CoreExceptionEnum

Namespace: [Solstice.Domain.Exceptions](#)

Assembly: Solstice.Domain.dll

Represents the possible exceptions that can be thrown by the Solstice.Domain classes.

```
public enum CoreExceptionEnum
```

## Extension Methods

[CoreExceptionEnumExtension.Get\(CoreExceptionEnum\)](#)

## Fields

HTTP\_400 = 3

HTTP\_400\_WITH\_MESSAGE = 4

HTTP\_401 = 5

HTTP\_401\_WITH\_MESSAGE = 6

HTTP\_403 = 7

HTTP\_403\_WITH\_MESSAGE = 8

HTTP\_404 = 9

HTTP\_404\_WITH\_MESSAGE = 10

HTTP\_500 = 11

HTTP\_500\_WITH\_MESSAGE = 12

NO\_QUERY\_DTO = 2

NO\_REPOSITORY = 0

NO\_SERVICE = 1

# Class CoreExceptionEnumExtension

Namespace: [Solstice.Domain.Exceptions](#)

Assembly: Solstice.Domain.dll








Provides extension methods for the [CoreExceptionEnum](#) enumeration.

```
public static class CoreExceptionEnumExtension
```

## Inheritance

[object](#)  ← CoreExceptionEnumExtension

## Inherited Members

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

## Methods

### Get(CoreExceptionEnum)

Gets the error message associated with the specified [CoreExceptionEnum](#) value.

```
public static string Get(this CoreExceptionEnum coreExceptionEnum)
```

## Parameters

**coreExceptionEnum** [CoreExceptionEnum](#)

The [CoreExceptionEnum](#) value.

## Returns

[string](#) 

The error message associated with the specified [CoreExceptionEnum](#) value.

# Namespace Solstice.Domain.Extensions

## Classes

[EnumerableExtensions](#)

[QueryableExtensions](#)

# Class EnumerableExtensions

Namespace: [Solstice.Domain.Extensions](#)

Assembly: Solstice.Domain.dll

```
public static class EnumerableExtensions
```

## Inheritance

[object](#)  ← EnumerableExtensions

## Inherited Members

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

## Methods

### IsNotNullOrEmpty<T>(IEnumerable<T>)

```
public static bool IsNotNullOrEmpty<T>(this IEnumerable<T> list)
```

## Parameters

list [IEnumerable](#)  <T>

## Returns

[bool](#) 

## Type Parameters

T

### IsNullOrEmpty<T>(IEnumerable<T>)

```
public static bool IsNullOrEmpty<T>(this IEnumerable<T> list)
```

## Parameters

list [IEnumerable](#)<T>

## Returns

[bool](#)

## Type Parameters

T

# Class QueryableExtensions

Namespace: [Solstice.Domain.Extensions](#)

Assembly: Solstice.Domain.dll

```
public static class QueryableExtensions
```

## Inheritance

[object](#)  ← QueryableExtensions

## Inherited Members

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

## Methods

### IsNotNullOrEmpty<T>(IQueryable<T>)

```
public static bool IsNotNullOrEmpty<T>(this IQueryable<T> list)
```

## Parameters

list [IQueryable](#)  <T>

## Returns

[bool](#) 

## Type Parameters

T

### IsNullOrEmpty<T>(IQueryable<T>)

```
public static bool IsNullOrEmpty<T>(this IQueryable<T> list)
```

## Parameters

list [IQueryable](#)<T>

## Returns

[bool](#)

## Type Parameters

T

# Namespace Solstice.Domain.Models

## Classes

### [CoreModel](#)

CoreModel class provides a structure to encapsulate information related to Solstice functionality in the application. The information mainly includes id associated to each Solstice transaction or operation.

### [Page](#)

Represents a page in a Solstice context with a specific page number and size.

### [PageExtension](#)

Provides extension methods on a [Page](#) instance.

### [Paged<T>](#)

The 'Paged' class provides a simple way to encapsulate a collection of items with a certain count. It's generic, able to support any type of object (indicated by 'T') for pagination purposes.



# Class CoreModel

Namespace: [Solstice.Domain.Models](#)

Assembly: Solstice.Domain.dll








CoreModel class provides a structure to encapsulate information related to Solstice functionality in the application. The information mainly includes id associated to each Solstice transaction or operation.

```
public class CoreModel
```

## Inheritance

[object](#)  ← CoreModel

## Inherited Members

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

## Extension Methods

[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<Task<TResult>>\)](#) ,  
,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<TResult>\)](#) ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<Task<TResult>>\)](#) ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<TResult>\)](#).

## Properties

### Id

Gets or sets the unique identifier for the Solstice operation.

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

### Property Value

[int](#) 

# Class Page

Namespace: [Solstice.Domain.Models](#)

Assembly: Solstice.Domain.dll

Represents a page in a Solstice context with a specific page number and size.

```
public record Page : IEquatable<Page>
```








## Inheritance

[object](#)  ← Page

## Implements

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

## Inherited Members

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

## Extension Methods

[PageExtension.LineToSkip\(Page\)](#) ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<Task<TResult>>\)](#)  
,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<TResult>\)](#) ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<Task<TResult>>\)](#) ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<TResult>\)](#)

# Constructors

## Page(int, int)

Represents a page in a Solstice context with a specific page number and size.

```
public Page(int pageNumber = 1, int pageSize = 10)
```

## Parameters

PageNumber [int](#)

The number of the page, default is 1.

PageSize [int](#)

The size of the page, default is 10.

## Properties

### PageNumber

The number of the page, default is 1.

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

Property Value

[int](#)

### PageSize

The size of the page, default is 10.

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

Property Value

[int](#)

# Class PageExtension

Namespace: [Solstice.Domain.Models](#)

Assembly: Solstice.Domain.dll








Provides extension methods on a [Page](#) instance.

```
public static class PageExtension
```

## Inheritance

[object](#)  ← PageExtension

## Inherited Members

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

## Methods

### LineToSkip(Page)

Calculates how many entries need to be skipped for pagination.

```
public static int LineToSkip(this Page page)
```

## Parameters

page [Page](#)

A [Page](#) instance.

## Returns

[int](#) 

Returns the number of entries that needs to be skipped to get the correct page context.

# Class Paged<T>

Namespace: [Solstice.Domain.Models](#)

Assembly: Solstice.Domain.dll

The 'Paged' class provides a simple way to encapsulate a collection of items with a certain count. It's generic, able to support any type of object (indicated by 'T') for pagination purposes.


```
public class Paged<T>
```

## Type Parameters








**T**

The type of items held within the 'Paged' object.





## Inheritance

[object](#)  ← Paged<T>

## Inherited Members

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

## Extension Methods

[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<Task<TResult>>\)](#)  ,  
,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<TResult>\)](#)  ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<Task<TResult>>\)](#)  ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<TResult>\)](#) 

## Remarks

Properties include:

- 'Items': A collection of items of type 'T'. Nullable.
- 'Count': The total count of items present in the 'Items' collection.

# Properties

## Count

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

## Property Value

[int](#)

## Items

```
public ICollection<T>? Items { get; set; }
```

## Property Value

[ICollection](#) <T>

# Namespace Solstice.Domain.Utils

## Classes

[Error](#)

[MatchExtensions](#)

[ResultExtensions](#)

[Result<TSuccess, TError>](#)

# Class Error

Namespace: [Solstice.Domain.Utills](#)

Assembly: Solstice.Domain.dll

```
public record Error : IEquatable<Error>
```








## Inheritance

[object](#)  ← Error

## Implements

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

## Inherited Members

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

## Extension Methods

[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<Task<TResult>>\)](#)  
,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<TResult>\)](#) ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<Task<TResult>>\)](#) ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<TResult>\)](#)

## Constructors

### Error(string, string)

```
public Error(string Code, string Message)
```

## Parameters

Code [string](#) 

Message [string](#) 



# Fields

## None

```
public static Error None
```

Field Value

[Error](#)

## NullValue

```
public static Error NullValue
```

Field Value

[Error](#)

# Properties

## AlreadyExistsEmail

```
public static Error AlreadyExistsEmail { get; }
```

Property Value

[Error](#)

## AlreadyExistsUsername

```
public static Error AlreadyExistsUsername { get; }
```

Property Value

[Error](#)

## Code

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

Property Value

[string](#)

## InvalidCredentials

```
public static Error InvalidCredentials { get; }
```

Property Value

[Error](#)

## InvalidUser

```
public static Error InvalidUser { get; }
```

Property Value

[Error](#)

## Message

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

Property Value

[string](#)

# Class MatchExtensions

Namespace: [Solstice.Domain.Utills](#)








Assembly: Solstice.Domain.dll

```
public static class MatchExtensions
```

## Inheritance

[object](#)  ← MatchExtensions

## Inherited Members

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

## Methods

Some<T, TResult>(T?, Func<T, Task<TResult>>, Func<Task<TResult>>)

```
public static Task<TResult> Some<T, TResult>(this T? value, Func<T, Task<TResult>>  
onSome, Func<Task<TResult>> onNone) where T : struct
```

## Parameters

value T?

onSome [Func](#)  <T, [Task](#)  <TResult>>

onNone [Func](#)  <[Task](#)  <TResult>>

## Returns

[Task](#)  <TResult>

## Type Parameters

T

TResult

Some<T, TResult>(T?, Func<T, Task<TResult>>, Func<TResult>)

```
public static Task<TResult> Some<T, TResult>(this T? value, Func<T, Task<TResult>> onSome, Func<TResult> onNone) where T : struct
```

Parameters

value T?

onSome [Func](#)<T, [Task](#)<TResult>>

onNone [Func](#)<TResult>

Returns

[Task](#)<TResult>

Type Parameters

T

TResult

Some<T, TResult>(T?, Func<T, TResult>, Func<Task<TResult>>)

```
public static Task<TResult> Some<T, TResult>(this T? value, Func<T, TResult> onSome, Func<Task<TResult>> onNone) where T : struct
```

Parameters

value T?

onSome [Func](#)<T, TResult>

`onNone` [Func](#) <[Task](#) <TResult>>

Returns

[Task](#) <TResult>

Type Parameters

T

TResult

`Some<T, TResult>(T?, Func<T, TResult>, Func<TResult>)`

```
public static TResult Some<T, TResult>(this T? value, Func<T, TResult> onSome,
Func<TResult> onNone) where T : struct
```

Parameters

`value` T?

`onSome` [Func](#) <T, TResult>

`onNone` [Func](#) <TResult>

Returns

TResult

Type Parameters

T

TResult

`Some<T, TResult>(T?, Func<T, Task<TResult>>, Func<Task<TResult>>)`

```
public static Task<TResult> Some<T, TResult>(this T? value, Func<T, Task<TResult>>  
onSome, Func<Task<TResult>> onNone) where T : class
```

## Parameters

value T

onSome [Func](#)<T, [Task](#)<TResult>>

onNone [Func](#)<[Task](#)<TResult>>

## Returns

[Task](#)<TResult>

## Type Parameters

T

TResult

Some<T, TResult>(T?, Func<T, Task<TResult>>, Func<TResult>)

```
public static Task<TResult> Some<T, TResult>(this T? value, Func<T, Task<TResult>>  
onSome, Func<TResult> onNone) where T : class
```

## Parameters

value T

onSome [Func](#)<T, [Task](#)<TResult>>

onNone [Func](#)<TResult>

## Returns

[Task](#)<TResult>

## Type Parameters

T

TResult

Some<T, TResult>(T?, Func<T, TResult>, Func<Task<TResult>>)

```
public static Task<TResult> Some<T, TResult>(this T? value, Func<T, TResult> onSome,
Func<Task<TResult>> onNone) where T : class
```

## Parameters

value T

onSome [Func](#)<T, TResult>

onNone [Func](#)<[Task](#)<TResult>>

## Returns

[Task](#)<TResult>

## Type Parameters

T

TResult

Some<T, TResult>(T?, Func<T, TResult>, Func<TResult>)

```
public static TResult Some<T, TResult>(this T? value, Func<T, TResult> onSome,
Func<TResult> onNone) where T : class
```

## Parameters

value T

onSome [Func](#) <T, TResult>

onNone [Func](#) <TResult>

Returns

TResult

Type Parameters

T

TResult



# Class ResultExtensions

Namespace: [Solstice.Domain.Utills](#)








Assembly: Solstice.Domain.dll

```
public static class ResultExtensions
```

## Inheritance

[object](#)  ← ResultExtensions

## Inherited Members

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

## Methods

Match<TSuccess, TError, TResult>(Result<TSuccess, TError>, Func<TSuccess, TResult>, Func<TError, TResult>)

```
public static TResult Match<TSuccess, TError, TResult>(this Result<TSuccess, TError> result, Func<TSuccess, TResult> onSuccess, Func<TError, TResult> onError)
```

## Parameters

result [Result](#)  <TSuccess, TError>

onSuccess [Func](#)  <TSuccess, TResult>

onError [Func](#)  <TError, TResult>

## Returns

TResult

## Type Parameters

TSuccess

TError

TResult

# Class Result<TSuccess, TError>

Namespace: [Solstice.Domain.Utills](#)

Assembly: Solstice.Domain.dll

```
public class Result<TSuccess, TError>
```

## Type Parameters








TSuccess

TError

## Inheritance

[object](#)  ← Result<TSuccess, TError>

## Inherited Members

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

## Extension Methods

[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<Task<TResult>>\)](#)  
,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, Task<TResult>>, Func<TResult>\)](#) ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<Task<TResult>>\)](#) ,  
[MatchExtensions.Some<T, TResult>\(T?, Func<T, TResult>, Func<TResult>\)](#) ,  
[ResultExtensions.Match<TSuccess, TError, TResult>\(Result<TSuccess, TError>, Func<TSuccess, TResult>, Func<TError, TResult>\)](#)

## Constructors

### Result(TSuccess, TError, bool)

```
protected Result(TSuccess success, TError error, bool isSuccess)
```

## Parameters

success TSuccess

error TError

isSuccess [bool](#)

## Properties

### Error

```
public TError Error { get; }
```

### Property Value

TError

### IsSuccess

```
public bool IsSuccess { get; }
```

### Property Value

[bool](#)

### Success

```
public TSuccess Success { get; }
```

### Property Value

TSuccess

## Methods

## Err(TError)

```
public static Result<TSuccess, TError> Err(TError error)
```

### Parameters

**error** TError

### Returns

[Result](#)<TSuccess, TError>

## Ok(TSuccess)

```
public static Result<TSuccess, TError> Ok(TSuccess success)
```

### Parameters

**success** TSuccess

### Returns

[Result](#)<TSuccess, TError>