

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\(object, object\)](#) 

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

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

[IEnumerableExtensions](#)

[IQueryableExtensions](#)

Class IEnumerableExtensions

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








Assembly: Solstice.Domain.dll

```
public static class IEnumerableExtensions
```

Inheritance

[object](#)  ← IEnumerableExtensions

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 IQueryableExtensions

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








Assembly: Solstice.Domain.dll

```
public static class IQueryableExtensions
```

Inheritance

[object](#)  ← IQueryableExtensions

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 Radiant functionality in the application. The information mainly includes id associated to each Radiant transaction or operation.

[Page](#)

Represents a page in a Radiant 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 Radiant functionality in the application. The information mainly includes id associated to each Radiant 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\(\)](#) 

Properties

Id

Gets or sets the unique identifier for the Radiant operation.

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

Property Value

[int](#) 

Class Page

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

Assembly: Solstice.Domain.dll

Represents a page in a Radiant 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\(Page\)](#)

Constructors

Page(int, int)

Represents a page in a Radiant 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\(\)](#) 

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>