Disk

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Chapter 1

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Chapter 4

Namespace Documentation

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- class Views__ViewStart
- class Views_Authentication_Login
- class Views_Directory_Create
- class Views_Directory_Index
- class Views_File_Index
- class Views_File_Upload
- class Views_Shared__ValidationScriptsPartial
- class Views_Shared_Error
- class Views_Shared_Layout

4.2 Disk Namespace Reference

4.3 Disk.Api Namespace Reference

Classes

- class **Program**
- class Startup

4.4 Disk.Api.Configuration Namespace Reference

Classes

- class **AuthenticationConfiguration**
- class **DbContextConfiguration**
- class **HealthChecksConfiguration**
- class **LoggingConfiguration**
- class **SwaggerConfiguration**

4.5 Disk.Api.Controllers Namespace Reference

Classes

- class DirectoryController
- class FileController
- class HealthCheckController

  Responsible for health reports.
- class LoginController

  Responsible for authentication features.

4.6 Disk.Api.Data Namespace Reference

Classes

- class ApplicationDbContext
- class Directory
- class File
- class User

4.7 Disk.Common Namespace Reference

Classes

- class ConfigurationMissingException
- class **Cookies**
- class **HttpRequestHeadersExtensions**
- class **HttpResponseMessageExtensions**
- class **IConfigurationExtensions**
- class **IHostEnvironmentExtensions**
- class ServiceAttribute

4.8 Disk.Common.DTO Namespace Reference

Classes

- class BaseResponse
- class DirectoryBaseResponse
- class DirectoryRequest
- class DirectoryResponse
- class FileResponse
- class LoginRequest
- class UserResponse

4.9 Disk.Search Namespace Reference

Classes

- class DbContextPropertyResolver
- class ExpressionParser
- interface IExpressionParser
- interface IProperty
- interface IPropertyResolver
- class **IServiceCollectionExtesions**
- class Property

4.10 Disk.Search.Query Namespace Reference

Classes

- class InvalidQueryException
- interface IQuery
- interface IQueryNode
- interface IQueryParser
- class **QueryImplementation**
- class QueryParser

4.11 Disk.Search.Query.Nodes Namespace Reference

Classes

- class AddNode
- class AndNode
- class DivideNode
- class EqualNode
- class GreaterThanNode
- class GreaterThanOrEqualNode
- class LessThanNode
- class LessThanOrEqualNode
- class LikeNode
- class MultiplyNode
- class NotEqualNode
- class OperatorNode
- class OrNode
- class SubstractNode
- class ValueNode

4.12 Disk.Ui Namespace Reference

Classes

- class Program
- class Startup

4.13 Disk.Ui.Authentication Namespace Reference

Classes

- class ApiAuthenticationHandler
- class ApiAuthenticationOptions
- class UserPrincipal

4.14 Disk.Ui.Configuration Namespace Reference

Classes

- class **HealthChecksConfiguration**
- class **LoggingConfiguration**
- class RedirectMiddleware

4.15 Disk.Ui.Controllers Namespace Reference

Classes

- class ApiProxyController
- class AuthenticationController
- class DirectoryController
- class FileController
- class HealthCheckController
- class Request

4.16 Disk.Ui.Models Namespace Reference

Classes

- class DirectoryViewModel
- class ErrorViewModel
- class FileUploadViewModel
- class FileViewModel
- class LoginViewModel

Enumerations

- enum **FileType** { **Unknown** = 0, **Image** = 1, **Text** = 2, **Video** = 3 }

4.17 Disk.Ui.Services Namespace Reference

Classes

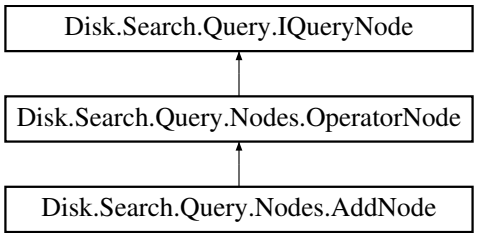
- class AuthenticationService
- class DirectoryService
- class FileService
- interface IObjectSerializer
- class **IObjectSerializerExtensions**
- class ObjectSerializer
- class RestClient

Chapter 5

Class Documentation

5.1 Disk.Search.Query.Nodes.AddNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.AddNode:



Public Member Functions

- **AddNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

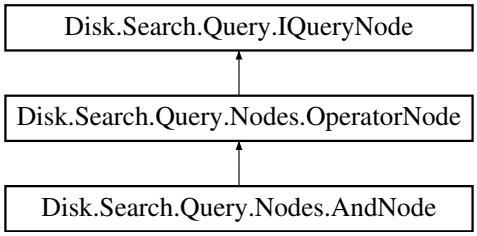
Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/AddNode.cs

5.2 Disk.Search.Query.Nodes.AndNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.AndNode:



Public Member Functions

- **AndNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

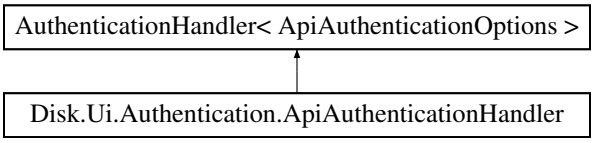
Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/AndNode.cs

5.3 Disk.Ui.Authentication.ApiAuthenticationHandler Class Reference

Inheritance diagram for Disk.Ui.Authentication.ApiAuthenticationHandler:



Public Member Functions

- **ApiAuthenticationHandler** (AuthenticationService authenticationService, IOptionsMonitor< ApiAuthenticationOptions > options, ILoggerFactory loggerFactory, UrlEncoder encoder, ISystemClock clock)

Protected Member Functions

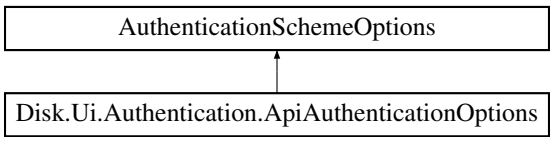
- override async Task< AuthenticateResult > **HandleAuthenticateAsync** ()

The documentation for this class was generated from the following file:

- src/Ui/Authentication/ApiAuthenticationHandler.cs

5.4 Disk.Ui.Authentication.ApiAuthenticationOptions Class Reference

Inheritance diagram for Disk.Ui.Authentication.ApiAuthenticationOptions:

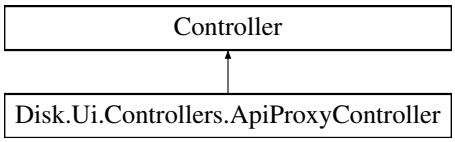


The documentation for this class was generated from the following file:

- src/Ui/Authentication/ApiAuthenticationOptions.cs

5.5 Disk.Ui.Controllers.ApiProxyController Class Reference

Inheritance diagram for Disk.Ui.Controllers.ApiProxyController:



Public Member Functions

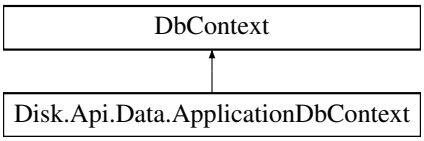
- **ApiProxyController** (IConfiguration configuration)
- Task **ApiProxyCatchAll** (string rest)
- Task **SwaggerProxyCatchAll** (string rest)

The documentation for this class was generated from the following file:

- src/Ui/Controllers/ApiProxyController.cs

5.6 Disk.Api.Data.ApplicationDbContext Class Reference

Inheritance diagram for Disk.Api.Data.ApplicationDbContext:



Public Member Functions

- **ApplicationDbContext** (DbContextOptions< ApplicationDbContext > options)

Properties

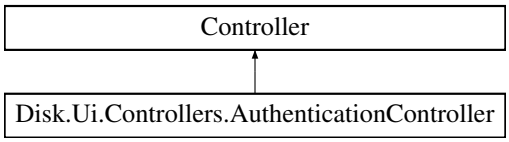
- DbSet< Directory > **Directories** = null! `[get, set]`
- DbSet< User > **Users** = null! `[get, set]`
- DbSet< File > **Files** = null! `[get, set]`

The documentation for this class was generated from the following file:

- src/Api/Data/ApplicationDbContext.cs

5.7 Disk.Ui.Controllers.AuthenticationController Class Reference

Inheritance diagram for Disk.Ui.Controllers.AuthenticationController:



Public Member Functions

- **AuthenticationController** (ILogger< AuthenticationController > logger, AuthenticationService authentication↩ Service)
- IActionResult **Login** ()
- async Task< IActionResult > **Login** (Request request)
- IActionResult **Logout** ()

The documentation for this class was generated from the following file:

- src/Ui/Controllers/AuthenticationController.cs

5.8 Disk.Ui.Services.AuthenticationService Class Reference

Public Member Functions

- **AuthenticationService** (RestClient restClient, IHttpContextAccessor httpContextAccessor, IObjectSerializer serializer)
- async Task< UserPrincipal?> **AuthenticateAsync** (string login, string password)
- async Task< UserPrincipal?> **CheckAuthenticationAsync** ()

The documentation for this class was generated from the following file:

- src/Ui/Services/AuthenticationService.cs

5.9 Disk.Common.DTO.BaseResponse Class Reference

Public Member Functions

- **BaseResponse** (string? message=null, bool succes=true)

Properties

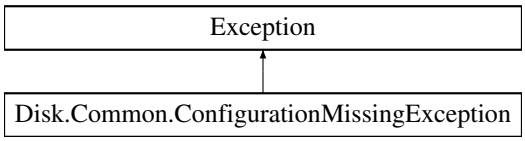
- string? **Message** `[get, set]`
- bool **Succes** `[get, set]`

The documentation for this class was generated from the following file:

- src/Common/DTO/BaseResponse.cs

5.10 Disk.Common.ConfigurationMissingException Class Reference

Inheritance diagram for Disk.Common.ConfigurationMissingException:



Public Member Functions

- **ConfigurationMissingException** (string key)

Properties

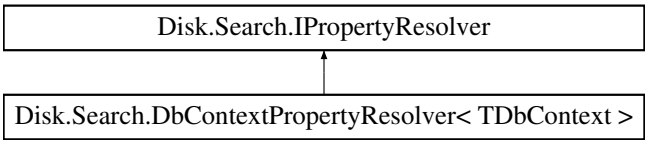
- string **Key** `[get]`

The documentation for this class was generated from the following file:

- src/Common/ConfigurationMissingException.cs

5.11 Disk.Search.DbContextPropertyResolver< TDbContext > Class Template Reference

Inheritance diagram for Disk.Search.DbContextPropertyResolver< TDbContext >:



Public Member Functions

- Expression? **ResolveProperty**< **T** > (string propertyName, bool allowNesting)
- ParameterExpression **ResolveParameter**< **T** > ()

Protected Attributes

- List< Type > **SupportedTypes**

Properties

- Dictionary< Type, ParameterExpression > **Parameters** `[get, set]`
- Dictionary< Type, Dictionary< string, MemberExpression > > **Properties** `[get]`

5.11.1 Member Data Documentation

5.11.1.1 SupportedTypes

```
List<Type> Disk.Search.DbContextPropertyResolver< TDbContext >.SupportedTypes  [protected]
```

Initial value:

```
= new List<Type>
        {
            typeof(int),
            typeof(long),
            typeof(string),
            typeof(bool),
        }
```

The documentation for this class was generated from the following file:

- src/Search/DbContextPropertyResolver.cs

5.12 Disk.Api.Data.Directory Class Reference

Properties

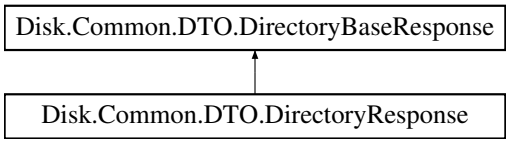
- Guid **Id** `[get, set]`
- string **Name** = null! `[get, set]`
- Guid? **ParentID** `[get, set]`
- bool **IsRoot** `[get, set]`

The documentation for this class was generated from the following file:

- src/Api/Data/Directory.cs

5.13 Disk.Common.DTO.DirectoryBaseResponse Class Reference

Inheritance diagram for Disk.Common.DTO.DirectoryBaseResponse:



Public Member Functions

- **DirectoryBaseResponse** (Guid id, string name)

Properties

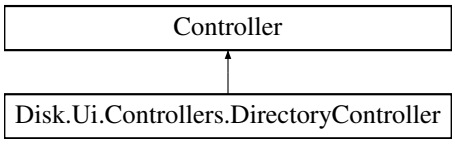
- Guid **Id** `[get, set]`
- string **Name** `[get, set]`

The documentation for this class was generated from the following file:

- src/Common/DTO/DirectoryBaseResponse.cs

5.14 Disk.Ui.Controllers.DirectoryController Class Reference

Inheritance diagram for Disk.Ui.Controllers.DirectoryController:



Public Member Functions

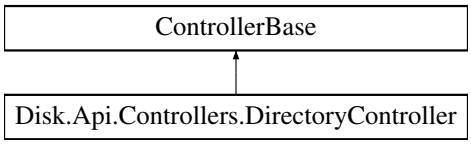
- **DirectoryController** (ILogger< DirectoryController > logger, DirectoryService directoryService)
- async Task< IActionResult > **Index** (Guid? directoryId=null, [FromQuery] string? query=null, [FromQuery] string? includeSubdirectories=null)
- async Task< IActionResult > **Create** (Guid? parentId)
- async Task< IActionResult > **Create** (Guid? parentId, [FromForm(Name="name")] string name)

The documentation for this class was generated from the following file:

- src/Ui/Controllers/DirectoryController.cs

5.15 Disk.Api.Controllers.DirectoryController Class Reference

Inheritance diagram for Disk.Api.Controllers.DirectoryController:



Public Member Functions

- **DirectoryController** (IConfiguration config, ApplicationDbContext context, IExpressionParser expressionParser)
- IActionResult **Get** ([FromQuery] string? query=null, [FromQuery] bool? includeSubdirectories=false)
- IActionResult **Get** (Guid? id, [FromQuery] string? query=null, [FromQuery] bool? includeSubdirectories=false)
- async Task< IActionResult > **CreateDirectory** (Guid parentId, [FromBody] DirectoryRequest request)

The documentation for this class was generated from the following file:

- src/Api/Controllers/DirectoryController.cs

5.16 Disk.Common.DTO.DirectoryRequest Class Reference

Properties

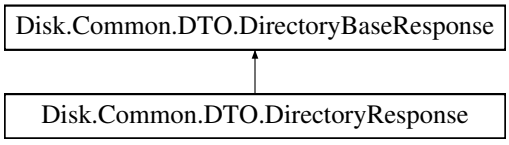
- string **Name** = null! `[get, set]`

The documentation for this class was generated from the following file:

- src/Common/DTO/DirectoryRequest.cs

5.17 Disk.Common.DTO.DirectoryResponse Class Reference

Inheritance diagram for Disk.Common.DTO.DirectoryResponse:



Properties

- List< DirectoryBaseResponse > **Directories** = null! `[get, set]`
- List< FileResponse > **Files** = null! `[get, set]`
- bool **InvalidQuery** `[get, set]`

Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Common/DTO/DirectoryResponse.cs

5.18 Disk.Ui.Services.DirectoryService Class Reference

Public Member Functions

- **DirectoryService** (RestClient restClient, IObjectSerializer serializer)
- async Task< DirectoryResponse > **GetDirectoryAsync** (Guid? id, string? query, bool? includeSubdirectories)
- async Task< DirectoryBaseResponse > **CreateDirectoryAsync** (Guid? parentId, string name)

The documentation for this class was generated from the following file:

- src/Ui/Services/DirectoryService.cs

5.19 Disk.Ui.Models.DirectoryViewModel Class Reference

Public Member Functions

- **DirectoryViewModel** (bool? includeSubdirectories, string? query, List< DirectoryBaseResponse > directories, List< FileResponse > files, bool invalidQuery, Guid directoryId)

Properties

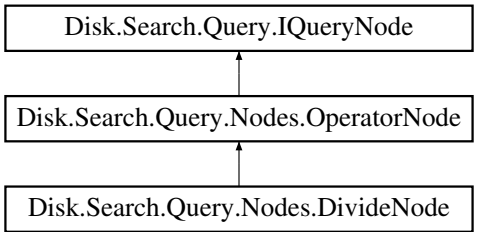
- bool **IncludeSubdirectories** `[get]`
- string **Query** `[get]`
- bool **InvalidQuery** `[get]`
- Guid **DirectoryId** `[get]`
- List< DirectoryBaseResponse > **Directories** `[get]`
- List< FileResponse > **Files** `[get]`

The documentation for this class was generated from the following file:

- src/Ui/Models/DirectoryViewModel.cs

5.20 Disk.Search.Query.Nodes.DivideNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.DivideNode:



Public Member Functions

- **DivideNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

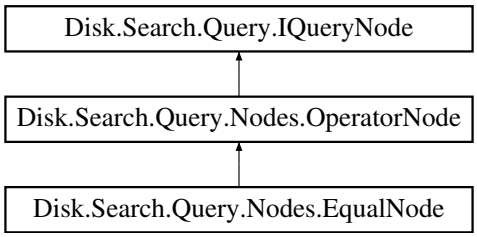
Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/DivideNode.cs

5.21 Disk.Search.Query.Nodes.EqualNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.EqualNode:



Public Member Functions

- **EqualNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/EqualNode.cs

5.22 Disk.Ui.Models.ErrorViewModel Class Reference

Public Attributes

- bool **ShowRequestId** => !string.IsNullOrEmpty(this.RequestId)

Properties

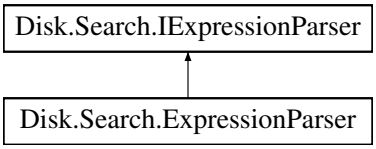
- string **RequestId** = null! `[get, set]`

The documentation for this class was generated from the following file:

- src/Ui/Models/ErrorViewModel.cs

5.23 Disk.Search.ExpressionParser Class Reference

Inheritance diagram for Disk.Search.ExpressionParser:



Public Member Functions

- **ExpressionParser** (IQueryParser queryParser, IPropertyResolver propertyResolver)
- virtual Expression< Func< T, bool > > **ParseExpression**< **T** > (string expression)

The documentation for this class was generated from the following file:

- src/Search/ExpressionParser.cs

5.24 Disk.Api.Data.File Class Reference

Properties

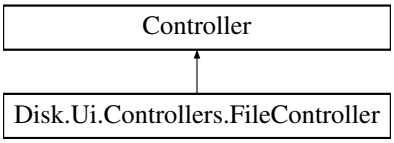
- Guid **Id** `[get, set]`
- string **Name** = null! `[get, set]`
- int **Size** `[get, set]`
- Guid **DirectoryId** `[get, set]`

The documentation for this class was generated from the following file:

- src/Api/Data/File.cs

5.25 Disk.Ui.Controllers.FileController Class Reference

Inheritance diagram for Disk.Ui.Controllers.FileController:



Public Member Functions

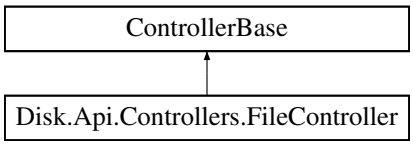
- **FileController** (ILogger< FileController > logger, FileService fileService)
- async Task< IActionResult > **Index** (Guid id)
- IActionResult **Upload** (Guid directoryId)
- async Task< IActionResult > **Upload** (Guid directoryId, IFormFile file)

The documentation for this class was generated from the following file:

- src/Ui/Controllers/FileController.cs

5.26 Disk.Api.Controllers.FileController Class Reference

Inheritance diagram for Disk.Api.Controllers.FileController:



Public Member Functions

- **FileController** (IConfiguration config, ApplicationDbContext context, IContentTypeProvider contentTypeProvider)
- IActionResult **GetFile** (Guid id)
- IActionResult **GetFileInfo** (Guid id)
- async Task< IActionResult > **Upload** (Guid directoryId, IFormFile file)

The documentation for this class was generated from the following file:

- src/Api/Controllers/FileController.cs

5.27 Disk.Common.DTO.FileResponse Class Reference

Public Member Functions

- **FileResponse** (Guid id, string name, long size)

Properties

- Guid **Id** `[get, set]`
- string **Name** = "" `[get, set]`
- long **Size** `[get, set]`

The documentation for this class was generated from the following file:

- src/Common/DTO/FileResponse.cs

5.28 Disk.Ui.Services.FileService Class Reference

Public Member Functions

- **FileService** (RestClient restClient, IObjectSerializer serializer, IHttpClientFactory httpClientFactory, IConfiguration configuration)
- async Task< FileResponse > **GetFileInfo** (Guid id)
- async Task **UploadFile** (Guid directoryId, IFormFile file)

The documentation for this class was generated from the following file:

- src/Ui/Services/FileService.cs

5.29 Disk.Ui.Models.FileUploadViewModel Class Reference

Public Member Functions

- **FileUploadViewModel** (Guid directoryId)

Properties

- Guid **DirectoryId** `[get]`

The documentation for this class was generated from the following file:

- src/Ui/Models/FileUploadViewModel.cs

5.30 Disk.Ui.Models.FileViewModel Class Reference

Public Member Functions

- **FileViewModel** (FileResponse file, FileType fileType)

Properties

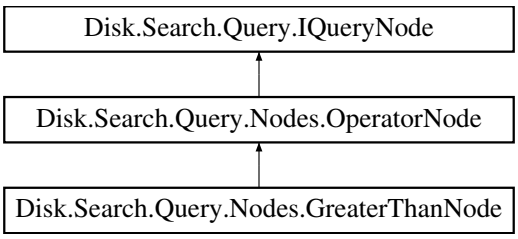
- FileResponse **File** `[get]`
- FileType **FileType** `[get, set]`

The documentation for this class was generated from the following file:

- src/Ui/Models/FileViewModel.cs

5.31 Disk.Search.Query.Nodes.GreaterThanNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.GreaterThanNode:



Public Member Functions

- **GreaterThanNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

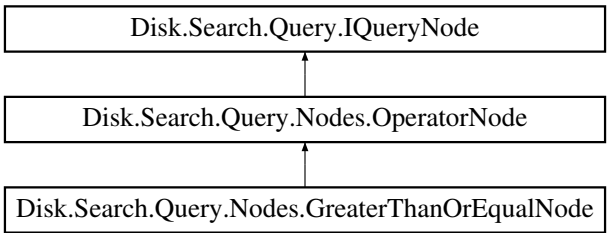
Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/GreaterThanNode.cs

5.32 Disk.Search.Query.Nodes.GreaterThanOrEqualNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.GreaterThanOrEqualNode:



Public Member Functions

- **GreaterThanOrEqualNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

Additional Inherited Members

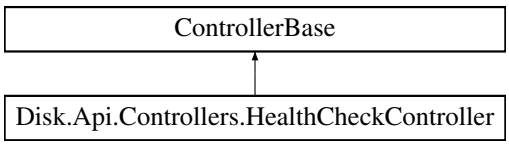
The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/GreaterThanOrEqualNode.cs

5.33 Disk.Api.Controllers.HealthCheckController Class Reference

Responsible for health reports.

Inheritance diagram for Disk.Api.Controllers.HealthCheckController:



Public Member Functions

- **HealthCheckController** (IOptions< HealthCheckOptions > healthCheckOptions, HealthCheckService healthCheckService)
- async Task GetHealthCheck ()

  Returns health report of the application.

5.33.1 Detailed Description

Responsible for health reports.

5.33.2 Member Function Documentation

5.33.2.1 GetHealthCheck()

```
async Task Disk.Api.Controllers.HealthCheckController.GetHealthCheck ( )
```

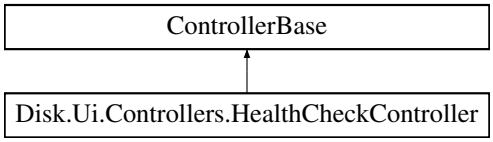
Returns health report of the application.

The documentation for this class was generated from the following file:

- src/Api/Controllers/HealthCheckController.cs

5.34 Disk.Ui.Controllers.HealthCheckController Class Reference

Inheritance diagram for Disk.Ui.Controllers.HealthCheckController:



Public Member Functions

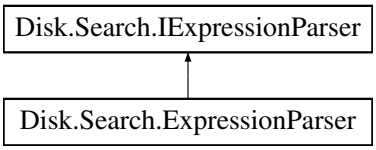
- **HealthCheckController** (IOptions< HealthCheckOptions > healthCheckOptions, HealthCheckService healthCheckService)
- async Task **GetHealthCheck** ()

The documentation for this class was generated from the following file:

- src/Ui/Controllers/HealthCheckController.cs

5.35 Disk.Search.IExpressionParser Interface Reference

Inheritance diagram for Disk.Search.IExpressionParser:



Public Member Functions

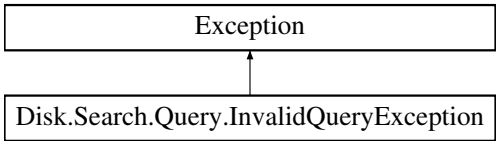
- Expression< Func< T, bool > > **ParseExpression**< **T** > (string expression)

The documentation for this interface was generated from the following file:

- src/Search/IExpressionParser.cs

5.36 Disk.Search.Query.InvalidQueryException Class Reference

Inheritance diagram for Disk.Search.Query.InvalidQueryException:



Public Member Functions

- **InvalidQueryException** (string? message)
- **InvalidQueryException** (string? message, Exception? innerException)

Protected Member Functions

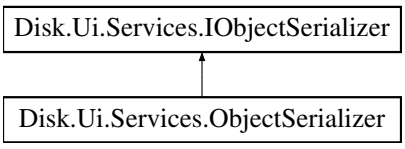
- **InvalidQueryException** (SerializationInfo info, StreamingContext context)

The documentation for this class was generated from the following file:

- src/Search/Query/InvalidQueryException.cs

5.37 Disk.Ui.Services.IObjectSerializer Interface Reference

Inheritance diagram for Disk.Ui.Services.IObjectSerializer:



Public Member Functions

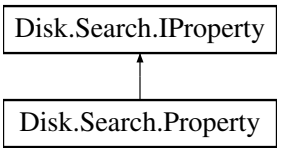
- string **Serialize**< **T** > (T ob)
- T **Deserialize**< **T** > (string se)

The documentation for this interface was generated from the following file:

- src/Ui/Services/IObjectSerializer.cs

5.38 Disk.Search.IProperty Interface Reference

Inheritance diagram for Disk.Search.IProperty:



Properties

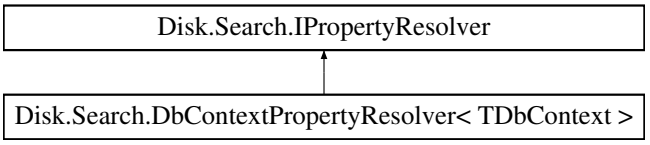
- Expression **Expression** `[get]`
- Type **ReturnType** `[get]`

The documentation for this interface was generated from the following file:

- src/Search/IProperty.cs

5.39 Disk.Search.IPropertyResolver Interface Reference

Inheritance diagram for Disk.Search.IPropertyResolver:



Public Member Functions

- ParameterExpression **ResolveParameter**< **T** > ()
- Expression? **ResolveProperty**< **T** > (string propertyName, bool allowNesting=false)

The documentation for this interface was generated from the following file:

- src/Search/IPropertyResolver.cs

5.40 Disk.Search.Query.IQuery Interface Reference

Inherited by Disk.Search.Query.QueryImplementation.

Public Member Functions

- Expression< Func< T, bool > > **ToExpression**< **T** > (IPropertyResolver propertyResolver)

Properties

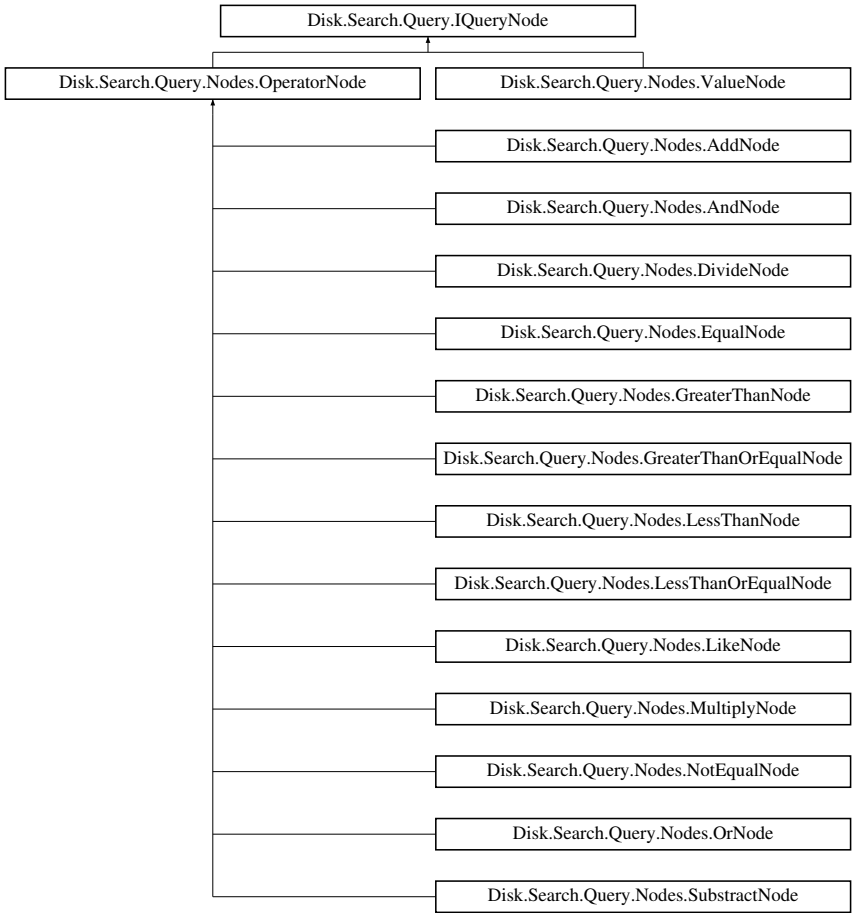
- IQueryNode **Root** `[get]`

The documentation for this interface was generated from the following file:

- src/Search/Query/IQuery.cs

5.41 Disk.Search.Query.IQueryNode Interface Reference

Inheritance diagram for Disk.Search.Query.IQueryNode:



Public Member Functions

- Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

Properties

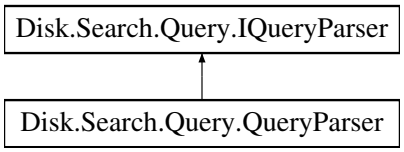
- bool **IsConstant** `[get]`

The documentation for this interface was generated from the following file:

- src/Search/Query/IQueryNode.cs

5.42 Disk.Search.Query.IQueryParser Interface Reference

Inheritance diagram for Disk.Search.Query.IQueryParser:



Public Member Functions

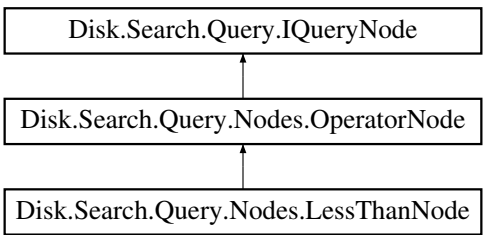
- IQuery **Parse** (string expression)

The documentation for this interface was generated from the following file:

- src/Search/Query/IQueryParser.cs

5.43 Disk.Search.Query.Nodes.LessThanNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.LessThanNode:



Public Member Functions

- **LessThanNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

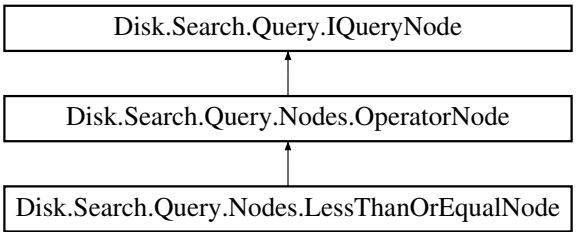
Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/LessThanNode.cs

5.44 Disk.Search.Query.Nodes.LessThanOrEqualNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.LessThanOrEqualNode:



Public Member Functions

- **LessThanOrEqualNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

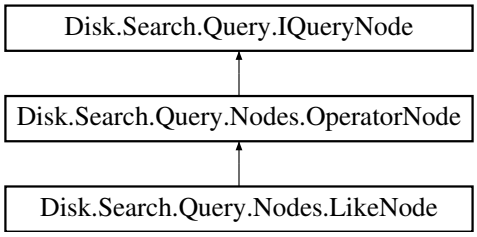
Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/LessThanOrEqualNode.cs

5.45 Disk.Search.Query.Nodes.LikeNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.LikeNode:



Public Member Functions

- **LikeNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

Additional Inherited Members

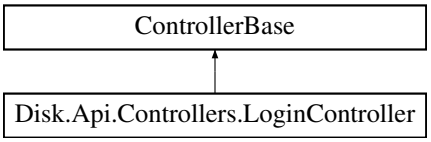
The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/LikeNode.cs

5.46 Disk.Api.Controllers.LoginController Class Reference

Responsible for authentication features.

Inheritance diagram for Disk.Api.Controllers.LoginController:



Public Member Functions

- **LoginController** (IConfiguration config, ApplicationDbContext context, IPasswordHasher< User > passwordHasher)
- IActionResult Login ([FromBody] LoginRequest userModel)

  Logs in user.
- IActionResult CheckIfLoggedIn ()

  Returns information about logged in user.

5.46.1 Detailed Description

Responsible for authentication features.

5.46.2 Member Function Documentation

5.46.2.1 CheckIfLoggedIn()

```
IActionResult Disk.Api.Controllers.LoginController.CheckIfLoggedIn ( )
```

Returns information about logged in user.

5.46.2.2 Login()

```
IActionResult Disk.Api.Controllers.LoginController.Login (
            [FromBody] LoginRequest userModel )
```

Logs in user.

The documentation for this class was generated from the following file:

- src/Api/Controllers/LoginController.cs

5.47 Disk.Common.DTO.LoginRequest Class Reference

Public Member Functions

- **LoginRequest** (string login, string password)

Properties

- string **Login** = null! `[get, set]`
- string **Password** = null! `[get, set]`

The documentation for this class was generated from the following file:

- src/Common/DTO/LoginRequest.cs

5.48 Disk.Ui.Models.LoginViewModel Class Reference

Properties

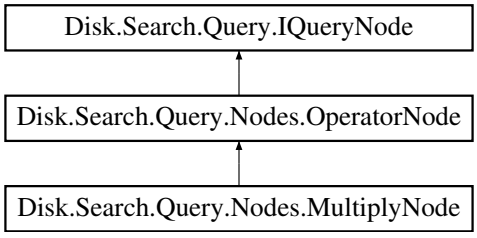
- string **Login** = "" `[get, set]`
- string? **Message** = null `[get, set]`

The documentation for this class was generated from the following file:

- src/Ui/Models/LoginViewModel.cs

5.49 Disk.Search.Query.Nodes.MultiplyNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.MultiplyNode:



Public Member Functions

- **MultiplyNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

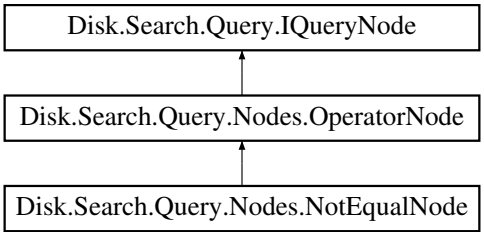
Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/MultiplyNode.cs

5.50 Disk.Search.Query.Nodes.NotEqualNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.NotEqualNode:



Public Member Functions

- **NotEqualNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

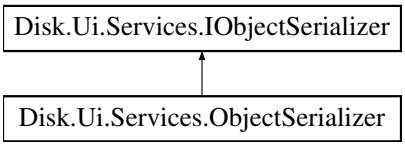
Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/NotEqualNode.cs

5.51 Disk.Ui.Services.ObjectSerializer Class Reference

Inheritance diagram for Disk.Ui.Services.ObjectSerializer:



Public Member Functions

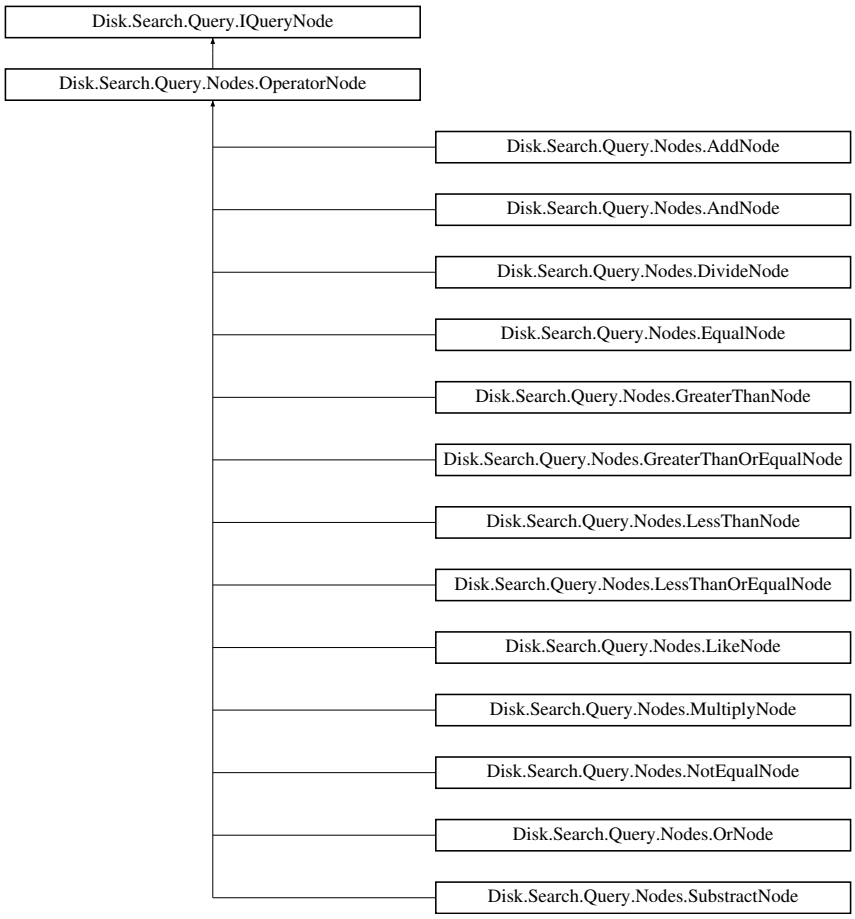
- string **Serialize**< **T** > (T value)
- T **Deserialize**< **T** > (string value)

The documentation for this class was generated from the following file:

- src/Ui/Services/ObjectSerializer.cs

5.52 Disk.Search.Query.Nodes.OperatorNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.OperatorNode:



Public Member Functions

- **OperatorNode** (IQueryNode left, IQueryNode right)
- abstract Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

Public Attributes

- bool **IsConstant** => this.Left.IsConstant && this.Right.IsConstant

Properties

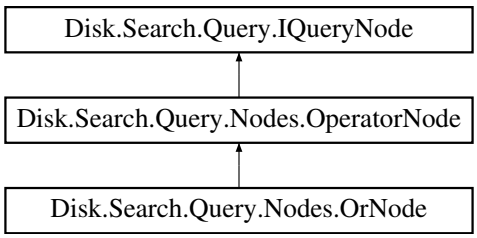
- IQueryNode **Left** `[get]`
- IQueryNode **Right** `[get]`

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/OperatorNode.cs

5.53 Disk.Search.Query.Nodes.OrNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.OrNode:



Public Member Functions

- **OrNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/OrNode.cs

5.54 Disk.Ui.Program Class Reference

Static Public Member Functions

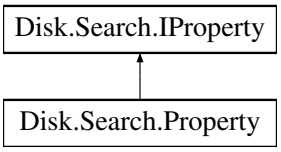
- static void **Main** (string[ ] args)
- static IHostBuilder **CreateHostBuilder** (string[ ] args)

The documentation for this class was generated from the following file:

- src/Ui/Program.cs

5.55 Disk.Search.Property Class Reference

Inheritance diagram for Disk.Search.Property:



Public Member Functions

- **Property** (Expression expression, Type returnType)

Properties

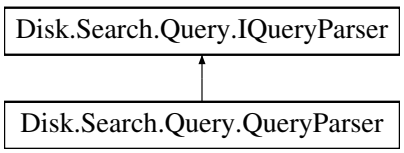
- Expression **Expression** `[get]`
- Type **ReturnType** `[get]`

The documentation for this class was generated from the following file:

- src/Search/Property.cs

5.56 Disk.Search.Query.QueryParser Class Reference

Inheritance diagram for Disk.Search.Query.QueryParser:



Public Member Functions

- virtual IQuery **Parse** (string query)

Protected Member Functions

- virtual IQuery **Parse** (List< string > expressions)
- virtual IQueryNode **ParseNode** (List< string > expressions)
- virtual string **GetCleanExpression** (string expression)

The documentation for this class was generated from the following file:

- src/Search/Query/QueryParser.cs

5.57 Disk.Ui.Configuration.RedirectMiddleware Class Reference

Public Member Functions

- **RedirectMiddleware** (RequestDelegate next, ILogger< RedirectMiddleware > logger)
- async Task **InvokeAsync** (HttpContext httpContext)

The documentation for this class was generated from the following file:

- src/Ui/Configuration/RedirectMiddleware.cs

5.58 Disk.Ui.Controllers.Request Class Reference

Properties

- string **Login** = null! `[get, set]`
- string **Password** = null! `[get, set]`

The documentation for this class was generated from the following file:

- src/Ui/Controllers/AuthenticationController.cs

5.59 Disk.Ui.Services.RestClient Class Reference

Public Member Functions

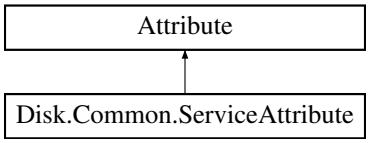
- **RestClient** (IHttpClientFactory httpClientFactory, IHttpContextAccessor httpContextAccessor, IConfiguration configuration, IObjectSerializer serializer)
- async Task< HttpResponseMessage > **PostAsync**< **T** > (string uri, T request)
- async Task< HttpResponseMessage > **GetAsync** (string uri)
- string? **GetAuthenticationToken** ()

The documentation for this class was generated from the following file:

- src/Ui/Services/RestClient.cs

5.60 Disk.Common.ServiceAttribute Class Reference

Inheritance diagram for Disk.Common.ServiceAttribute:



Properties

- ServiceLifetime **Lifetime** = ServiceLifetime.Transient `[get, set]`

The documentation for this class was generated from the following file:

- src/Common/DependencyInjection/ServiceAttribute.cs

5.61 Disk.Api.Startup Class Reference

Public Member Functions

- **Startup** (IConfiguration configuration, IWebHostEnvironment environment)
- void **ConfigureServices** (IServiceCollection services)
- void **Configure** (IApplicationBuilder app)

The documentation for this class was generated from the following file:

- src/Api/Startup.cs

5.62 Disk.Ui.Startup Class Reference

Public Member Functions

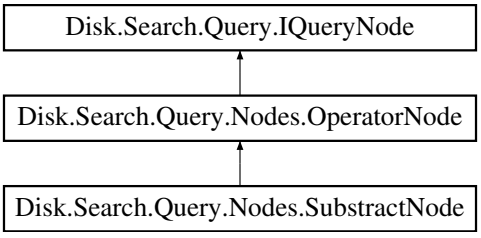
- **Startup** (IConfiguration configuration)
- void **ConfigureServices** (IServiceCollection services)
- void **Configure** (IApplicationBuilder app, IWebHostEnvironment env)

The documentation for this class was generated from the following file:

- src/Ui/Startup.cs

5.63 Disk.Search.Query.Nodes.SubstractNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.SubstractNode:



Public Member Functions

- **SubstractNode** (IQueryNode left, IQueryNode right)
- override Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

Additional Inherited Members

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/SubstractNode.cs

5.64 Disk.Api.Data.User Class Reference

Properties

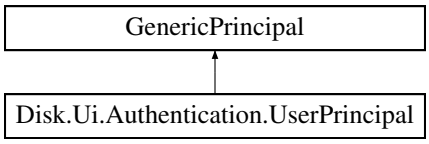
- int **Id** `[get, set]`
- string **Login** = null! `[get, set]`
- string **Password** = null! `[get, set]`
- string **EmailAddress** = null! `[get, set]`

The documentation for this class was generated from the following file:

- src/Api/Data/User.cs

5.65 Disk.Ui.Authentication.UserPrincipal Class Reference

Inheritance diagram for Disk.Ui.Authentication.UserPrincipal:



Public Member Functions

- **UserPrincipal** (string login, string? token=null)
- override? string **ToString** ()

Properties

- string **Name** = "Name" `[get]`
- string? **Token** `[get]`

The documentation for this class was generated from the following file:

- src/Ui/Authentication/UserPrincipal.cs

5.66 Disk.Common.DTO.UserResponse Class Reference

Properties

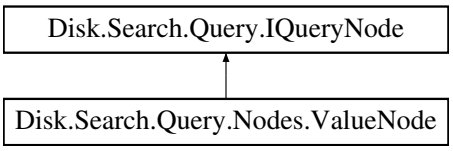
- string? **Login** `[get, set]`
- string? **Email** `[get, set]`

The documentation for this class was generated from the following file:

- src/Common/DTO/UserResponse.cs

5.67 Disk.Search.Query.Nodes.ValueNode Class Reference

Inheritance diagram for Disk.Search.Query.Nodes.ValueNode:



Public Member Functions

- **ValueNode** (string value)
- Expression **ToExpression**< **T** > (IPropertyResolver propertyResolver)

Public Attributes

- bool **IsConstant** => false

Properties

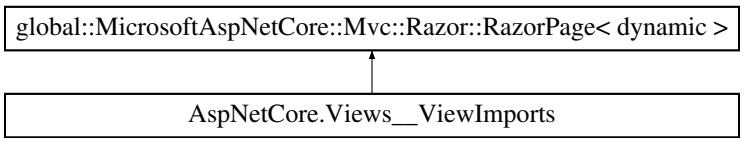
- string **Value** `[get]`

The documentation for this class was generated from the following file:

- src/Search/Query/Nodes/ValueNode.cs

5.68 AspNetCore.Views__ViewImports Class Reference

Inheritance diagram for AspNetCore.Views__ViewImports:



Public Member Functions

- async override global::System.Threading.Tasks.Task **ExecuteAsync** ()

Properties

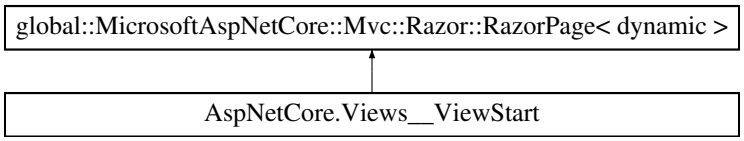
- global::Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider **ModelExpressionProvider** `[get]`
- global::Microsoft.AspNetCore.Mvc.IUrlHelper **Url** `[get]`
- global::Microsoft.AspNetCore.Mvc.IViewComponentHelper **Component** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IJsonHelper **Json** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IHtmlHelper< dynamic > **Html** `[get]`

The documentation for this class was generated from the following file:

- src/Ui/obj/Debug/netcoreapp3.1/Razor/Views/_ViewImports.cshtml.g.cs

5.69 AspNetCore.Views__ViewStart Class Reference

Inheritance diagram for AspNetCore.Views__ViewStart:



Public Member Functions

- async override global::System.Threading.Tasks.Task **ExecuteAsync** ()

Properties

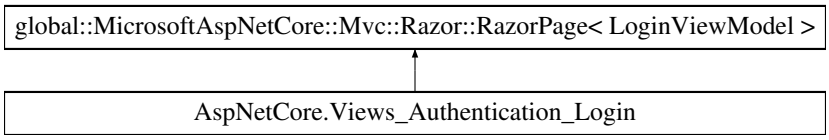
- global::Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider **ModelExpressionProvider** `[get]`
- global::Microsoft.AspNetCore.Mvc.IUrlHelper **Url** `[get]`
- global::Microsoft.AspNetCore.Mvc.IViewComponentHelper **Component** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IJsonHelper **Json** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IHtmlHelper< dynamic > **Html** `[get]`

The documentation for this class was generated from the following file:

- src/Ui/obj/Debug/netcoreapp3.1/Razor/Views/_ViewStart.cshtml.g.cs

5.70 AspNetCore.Views_Authentication_Login Class Reference

Inheritance diagram for AspNetCore.Views_Authentication_Login:



Public Member Functions

- async override global::System.Threading.Tasks.Task **ExecuteAsync** ()

Properties

- global::Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider **ModelExpressionProvider** `[get]`
- global::Microsoft.AspNetCore.Mvc.IUrlHelper **Url** `[get]`
- global::Microsoft.AspNetCore.Mvc.IViewComponentHelper **Component** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IJsonHelper **Json** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IHtmlHelper< LoginViewModel > **Html** `[get]`

5.70.1 Property Documentation

5.70.1.1 ModelExpressionProvider

```
global.Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider AspNetCore.Views_↩
Authentication_Login.ModelExpressionProvider  [get]
```

Initial value:

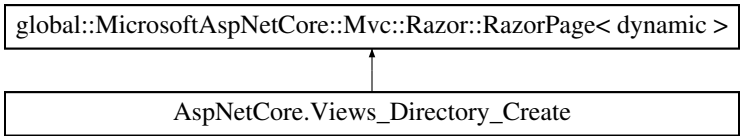
```
            <div class=""form-group"">
                <div class=""input-group"">
                    <div class=""input-group-prepend"">
                        <span class=""input-group-text""> <i class=""fa fa-user""></i> </span>
                    </div>
                    <input name=""login"" class=""form-control"" placeholder=""login"" type=""text""">
                </div>
            </div>
            <div class=""form-group"">
                <div class=""input-group"">
                    <div class=""input-group-prepend"">
                        <span class=""input-group-text""> <i class=""fa fa-lock""></i> </span>
                    </div>
                    <input name=""password"" class=""form-control"" placeholder=""password""
    type=""password"">
                </div>
            </div>
            <div class=""form-group"">
                <button type=""submit"" class=""btn btn-primary btn-block""> Login  </button>
            </div>
        "
```

The documentation for this class was generated from the following file:

- src/Ui/obj/Debug/netcoreapp3.1/Razor/Views/Authentication/Login.cshtml.g.cs

5.71 AspNetCore.Views_Directory_Create Class Reference

Inheritance diagram for AspNetCore.Views_Directory_Create:



Public Member Functions

- async override global::System.Threading.Tasks.Task **ExecuteAsync** ()

Properties

- global::Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider **ModelExpressionProvider** `[get]`
- global::Microsoft.AspNetCore.Mvc.IUrlHelper **Url** `[get]`
- global::Microsoft.AspNetCore.Mvc.IViewComponentHelper **Component** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IJsonHelper **Json** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IHtmlHelper< dynamic > **Html** `[get]`

5.71.1 Property Documentation

5.71.1.1 ModelExpressionProvider

```
global.Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider AspNetCore.Views_↩
Directory_Create.ModelExpressionProvider  [get]
```

Initial value:

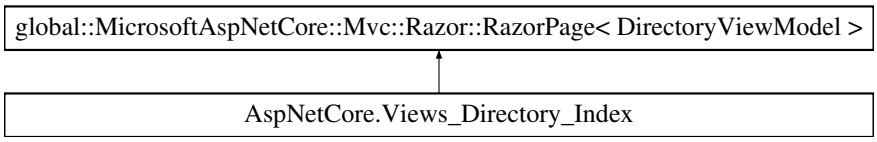
```
        <div class=""form-group mx-sm-3 mb-2"">
            <label for=""inputPassword2"" class=""sr-only"">New directory name</label>
            <input type=""text"" class=""form-control"" id=""name"" name=""name"" placeholder=""Directory
       name"">
        </div>
        <button type=""submit"" class=""btn btn-primary mb-2"">Create directory</button>
    "
```

The documentation for this class was generated from the following file:

- src/Ui/obj/Debug/netcoreapp3.1/Razor/Views/Directory/Create.cshtml.g.cs

5.72 AspNetCore.Views_Directory_Index Class Reference

Inheritance diagram for AspNetCore.Views_Directory_Index:



Public Member Functions

- async override global::System.Threading.Tasks.Task **ExecuteAsync** ()

Properties

- global::Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider **ModelExpressionProvider** `[get]`
- global::Microsoft.AspNetCore.Mvc.IUrlHelper **Url** `[get]`
- global::Microsoft.AspNetCore.Mvc.IViewComponentHelper **Component** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IJsonHelper **Json** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IHtmlHelper< DirectoryViewModel > **Html** `[get]`

5.72.1 Property Documentation

5.72.1.1 ModelExpressionProvider

```
global.Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider AspNetCore.Views_↩
Directory_Index.ModelExpressionProvider  [get]
```

Initial value:

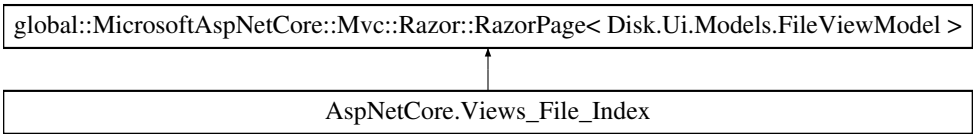
```
        <div class=""input-group md-form form-sm form-1 pl-0"">
            <div class=""input-group-prepend"">
                <span class=""input-group-text purple lighten-3"" id=""basic-text1"">
                    <i class=""fas fa-filter text-white"" aria-hidden=""true""></i>
                </span>
            </div>
            <input name=""query""
                   class=""form-control""
                   type=""text""
                   placeholder=""Filter files""
                   aria-label=""Filter""        <div class=""custom-control custom-checkbox my-1 mr-sm-2""
       style=""text-align: left; margin-left: 30px"">
            <input name=""includeSubdirectories""
                   type=""checkbox""
                   class=""custom-control-input""
                   id=""customControlInline""            <div style=""width: 85%; text-align: left;
       margin-left: 2em; margin-top: 0.5em"">
                <div style=""clear: both"">
                    <p style=""float: left"">
                        <span class=""fas fa-file""></span>
                        <a"
```

The documentation for this class was generated from the following file:

- src/Ui/obj/Debug/netcoreapp3.1/Razor/Views/Directory/Index.cshtml.g.cs

5.73 AspNetCore.Views_File_Index Class Reference

Inheritance diagram for AspNetCore.Views_File_Index:



Public Member Functions

- async override global::System.Threading.Tasks.Task **ExecuteAsync** ()

Properties

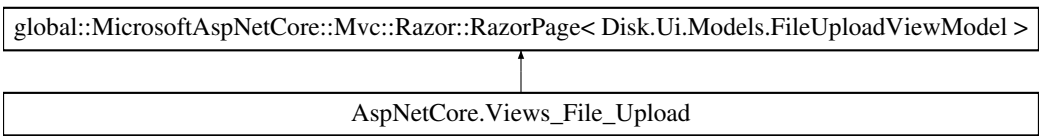
- global::Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider **ModelExpressionProvider** `[get]`
- global::Microsoft.AspNetCore.Mvc.IUrlHelper **Url** `[get]`
- global::Microsoft.AspNetCore.Mvc.IViewComponentHelper **Component** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IJsonHelper **Json** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IHtmlHelper< Disk.Ui.Models.FileViewModel > **Html** `[get]`

The documentation for this class was generated from the following file:

- src/Ui/obj/Debug/netcoreapp3.1/Razor/Views/File/Index.cshtml.g.cs

5.74 AspNetCore.Views_File_Upload Class Reference

Inheritance diagram for AspNetCore.Views_File_Upload:



Public Member Functions

- async override global::System.Threading.Tasks.Task **ExecuteAsync** ()

Properties

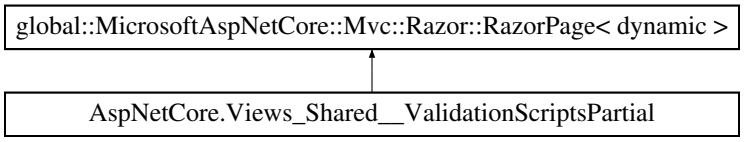
- global::Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider **ModelExpressionProvider** `[get]`
- global::Microsoft.AspNetCore.Mvc.IUrlHelper **Url** `[get]`
- global::Microsoft.AspNetCore.Mvc.IViewComponentHelper **Component** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IJsonHelper **Json** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IHtmlHelper< Disk.Ui.Models.FileUploadViewModel > **Html** `[get]`

The documentation for this class was generated from the following file:

- src/Ui/obj/Debug/netcoreapp3.1/Razor/Views/File/Upload.cshtml.g.cs

5.75 AspNetCore.Views_Shared__ValidationScriptsPartial Class Reference

Inheritance diagram for AspNetCore.Views_Shared__ValidationScriptsPartial:



Public Member Functions

- async override global::System.Threading.Tasks.Task **ExecuteAsync** ()

Properties

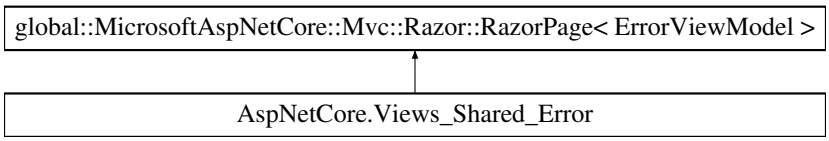
- global::Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider **ModelExpressionProvider** `[get]`
- global::Microsoft.AspNetCore.Mvc.IUrlHelper **Url** `[get]`
- global::Microsoft.AspNetCore.Mvc.IViewComponentHelper **Component** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IJsonHelper **Json** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IHtmlHelper< dynamic > **Html** `[get]`

The documentation for this class was generated from the following file:

- src/Ui/obj/Debug/netcoreapp3.1/Razor/Views/Shared/_ValidationScriptsPartial.cshtml.g.cs

5.76 AspNetCore.Views_Shared_Error Class Reference

Inheritance diagram for AspNetCore.Views_Shared_Error:



Public Member Functions

- async override global::System.Threading.Tasks.Task **ExecuteAsync** ()

Properties

- global::Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider **ModelExpressionProvider** `[get]`
- global::Microsoft.AspNetCore.Mvc.IUrlHelper **Url** `[get]`
- global::Microsoft.AspNetCore.Mvc.IViewComponentHelper **Component** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IJsonHelper **Json** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IHtmlHelper< ErrorViewModel > **Html** `[get]`

5.76.1 Property Documentation

5.76.1.1 ModelExpressionProvider

```
global.Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider AspNetCore.Views_↩
Shared_Error.ModelExpressionProvider  [get]
```

Initial value:

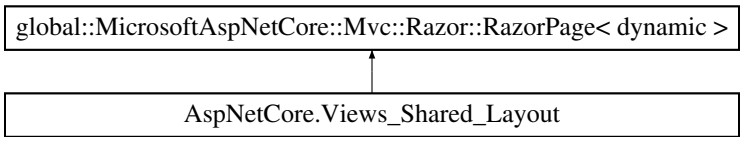
```
<h3>Development Mode</h3>
<p>
    Swapping to <strong>Development</strong> environment will display more detailed information about the
       error that occurred.
</p>
<p>
    <strong>The Development environment shouldn't be enabled for deployed applications.</strong>
    It can result in displaying sensitive information from exceptions to end users.
    For local debugging, enable the <strong>Development</strong> environment by setting the
       <strong>ASPNETCORE_ENVIRONMENT</strong> environment variable to <strong>Development</strong>
    and restarting the app.
</p>
"
```

The documentation for this class was generated from the following file:

- src/Ui/obj/Debug/netcoreapp3.1/Razor/Views/Shared/Error.cshtml.g.cs

5.77 AspNetCore.Views_Shared_Layout Class Reference

Inheritance diagram for AspNetCore.Views_Shared_Layout:



Public Member Functions

- async override global::System.Threading.Tasks.Task **ExecuteAsync** ()

Properties

- global::Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider **ModelExpressionProvider** `[get]`
- global::Microsoft.AspNetCore.Mvc.IUrlHelper **Url** `[get]`
- global::Microsoft.AspNetCore.Mvc.IViewComponentHelper **Component** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IJsonHelper **Json** `[get]`
- global::Microsoft.AspNetCore.Mvc.Rendering.IHtmlHelper< dynamic > **Html** `[get]`

5.77.1 Property Documentation

5.77.1.1 ModelExpressionProvider

```
global.Microsoft.AspNetCore.Mvc.ViewFeatures.IModelExpressionProvider AspNetCore.Views_↩
Shared_Layout.ModelExpressionProvider  [get]
```

Initial value:

```
    <link rel=""stylesheet""
       href=""https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css""
       integrity=""sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh""
       crossorigin=""anonymous"">
    <link rel=""stylesheet"" href=""https://use.fontawesome.com/releases/v5.7.0/css/all.css""
       integrity=""sha384-lZN37f5QGtY3VHgisS14W3ExzMWZxybE1SJSEsQp9S+oqd12jhcu+A56Ebc1zFSJ""
       crossorigin=""anonymous"">
"        <header>
            <nav class=""navbar navbar-expand-sm navbar-toggleable-sm navbar-light bg-white border-bottom
       box-shadow mb-3"">
                <div class=""container"">
                    <a class=""navbar-brand"" href=""/"">Root directory</a>
                    <button class=""navbar-toggler"" type=""button"" data-toggle=""collapse""
       data-target="".navbar-collapse"" aria-controls=""navbarSupportedContent""
                            aria-expanded=""false"" aria-label=""Toggle navigation"">
                        <span class=""navbar-toggler-icon""></span>
                    </button>
                    <div class=""navbar-collapse collapse d-sm-inline-flex flex-sm-row-reverse"">
                        <ul class=""navbar-nav flex-grow-1"">
                            <li style=""font-size: 1.25rem; padding-top: .3125rem; padding-bottom:
       .3125rem;"">
                                "
    <script src=""https://code.jquery.com/jquery-3.4.1.slim.min.js""
       integrity=""sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1yYfoRSJoZ+n""
       crossorigin=""anonymous""></script>
```

```
<script src=""https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js""
   integrity=""sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo""
   crossorigin=""anonymous""></script>
<script src=""https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js""
   integrity=""sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6""
   crossorigin=""anonymous""></script>
"
```

The documentation for this class was generated from the following file:

- src/Ui/obj/Debug/netcoreapp3.1/Razor/Views/Shared/Layout.cshtml.g.cs

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