Namespace MiniAnalyzers.Core

Classes

AnalysisRunner

Runs Roslyn analyzers over a solution or a project and returns only source-based diagnostics enriched for the UI (project name, file path, location, and a context snippet).

DiagnosticInfo

Simple DTO produced by the analysis step and consumed by the UI. Represents a single analyzer diagnostic in a user friendly form.

Class AnalysisRunner

Namespace: MiniAnalyzers.Core

Assembly: MiniAnalyzers.Core.dll

Runs Roslyn analyzers over a solution or a project and returns only source-based diagnostics enriched for the UI (project name, file path, location, and a context snippet).

```
public static class AnalysisRunner
```

Inheritance

object ← AnalysisRunner

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

AnalyzeProjectAsync(string, IEnumerable<DiagnosticAnalyzer>, CancellationToken, int)

Opens a single CSharp project and executes the given analyzers. Returns only analyzer diagnostics with source locations.

```
public static Task<IReadOnlyList<DiagnosticInfo>> AnalyzeProjectAsync(string projectPath,
IEnumerable<DiagnosticAnalyzer> analyzers, CancellationToken cancellationToken = default,
int contextLines = 2)
```

Parameters

`projectPath` string

Absolute path to a .csproj file.

`analyzers` IEnumerable<DiagnosticAnalyzer>

Analyzers to run.

`cancellationToken` CancellationToken

Cooperative cancellation token.

`contextLines` int

Number of context lines to include in the snippet.

Returns

Task<IReadOnlyList<DiagnosticInfo>>

Flat list of diagnostics enriched with project and file info.

AnalyzeSolutionAsync(string, IEnumerable<DiagnosticAnalyzer>, CancellationToken, int)

Opens a solution and executes the given analyzers for all C# projects. Returns only analyzer diagnostics with source locations.

```
public static Task<IReadOnlyList<DiagnosticInfo>> AnalyzeSolutionAsync(string solutionPath,
IEnumerable<DiagnosticAnalyzer> analyzers, CancellationToken cancellationToken = default,
int contextLines = 2)
```

Parameters

`solutionPath` string

Absolute path to a .sln file.

`analyzers` IEnumerable<DiagnosticAnalyzer>

Analyzers to run.

`cancellationToken` CancellationToken

Cooperative cancellation token.

`contextLines` int

Number of context lines to include above and below the primary diagnostic line. Defaults to 2 (2 up, 2 down).

Returns

Task<IReadOnlyList<DiagnosticInfo>>

Flat list of diagnostics enriched with project and file info.

Class DiagnosticInfo

Namespace: MiniAnalyzers.Core

Assembly: MiniAnalyzers.Core.dll

Simple DTO produced by the analysis step and consumed by the UI. Represents a single analyzer diagnostic in a user friendly form.

```
public sealed class DiagnosticInfo
```

Inheritance

object ← DiagnosticInfo

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.ReferenceEquals(object, object) , object.ToString()

Properties

Analyzer

Short analyzer title that produced the diagnostic.

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

Property Value

string

Column

One based column number of the primary location.

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

Property Value

int

ContextSnippet

Preformatted code excerpt around the location. The exact span is marked with [| and |].

```
public string? ContextSnippet { get; init; }
```

Property Value

string

FilePath

Absolute file path that contains the diagnostic.

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

Property Value

string

Id

Diagnostic ID, for example MNA0001.

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

Property Value

string

Line

One based line number of the primary location.

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

Property Value

int

Message

Human readable diagnostic message.

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

Property Value

string

ProjectName

Name of the project where the diagnostic was found.

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

Property Value

string

Severity

Severity as a string, for example Warning or Error.

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

Property Value

string

Suggestion

Optional fix recommendation coming from the analyzer (Diagnostic.Properties["Suggestion"]).

```
public string? Suggestion { get; init; }
```

Property Value

string

Namespace MiniAnalyzers.Roslyn.Analyzers

Classes

AsyncVoidAnalyzer

Analyzer that detects usage of `async void` methods and local functions.

Why this matters:

- Exceptions in `async void` bypass normal `try/catch` flow and crash the process.
- `async void` cannot be awaited, which makes them hard to test or compose.
- The recommended practice is to return Task or Task<TResult>.

ConsoleWriteLineAnalyzer

Flags calls to `System.Console.WriteLine`. Rationale: Console I/O is not suitable for production diagnostics. Prefer a structured logging framework.

EmptyCatchBlockAnalyzer

Flags empty catch blocks that swallow exceptions without handling. First pass: report when the catch block contains zero statements.

WeakVariableNameAnalyzer

Flags short or non-descriptive names across multiple declaration contexts. Targets:

- Local variables (including deconstruction and pattern variables)
- Fields (non-const)
- Parameters

Rules:

- Length rule: names of length ≤ 2 are flagged, except allow-list entries
- Token rule: names in a small weak-name set (e.g., "tmp", "data", "foo") are flagged
- For-loop counters: 'i', 'j', 'k' are allowed in the for-initializer only
- Discard identifier "_" is ignored

Diagnostic text is enriched with type-aware suggestions:

- For bool types: suggest 'is/has/can' prefix
- For arrays and IEnumerable<T>: suggest plural naming

Class AsyncVoidAnalyzer

Namespace: MiniAnalyzers.Roslyn.Analyzers

Assembly: MiniAnalyzers.Roslyn.dll

Analyzer that detects usage of `async void` methods and local functions.

Why this matters:

- Exceptions in `async void` bypass normal `try/catch` flow and crash the process.
- `async void` cannot be awaited, which makes them hard to test or compose.
- The recommended practice is to return Task or Task<TResult>.

```
[DiagnosticAnalyzer("C#", new string[] { })]
public sealed class AsyncVoidAnalyzer : DiagnosticAnalyzer
```

Inheritance

object ← DiagnosticAnalyzer ← AsyncVoidAnalyzer

Inherited Members

DiagnosticAnalyzer.Equals(object) , DiagnosticAnalyzer.GetHashCode() , DiagnosticAnalyzer.ToString() , object.Equals(object, object) , object.GetType() , object.ReferenceEquals(object, object)

Fields

DiagnosticId

Unique identifier for this diagnostic rule. IDs should remain stable, since users and tools rely on them.

```
public const string DiagnosticId = "MNA0001"
```

Field Value

string

Properties

SupportedDiagnostics

Returns a set of descriptors for the diagnostics that this analyzer is capable of producing.

```
public override ImmutableArray<DiagnosticDescriptor> SupportedDiagnostics { get; }
```

Property Value

ImmutableArray <DiagnosticDescriptor>

Methods

Initialize(AnalysisContext)

Registers analysis callbacks for methods, local functions, and anonymous delegates. Skips generated code and enables concurrent execution.

```
public override void Initialize(AnalysisContext context)
```

Parameters

`context` AnalysisContext

Class ConsoleWriteLineAnalyzer

Namespace: MiniAnalyzers.Roslyn.Analyzers

Assembly: MiniAnalyzers.Roslyn.dll

Flags calls to `System.Console.WriteLine`. Rationale: Console I/O is not suitable for production diagnostics. Prefer a structured logging framework.

```
[DiagnosticAnalyzer("C#", new string[] { })]
public sealed class ConsoleWriteLineAnalyzer : DiagnosticAnalyzer
```

Inheritance

object ← DiagnosticAnalyzer ← ConsoleWriteLineAnalyzer

Inherited Members

DiagnosticAnalyzer.Equals(object) , DiagnosticAnalyzer.GetHashCode() , DiagnosticAnalyzer.ToString() , object.Equals(object, object) , object.GetType() , object.ReferenceEquals(object, object)

Fields

DiagnosticId

Keep IDs stable and consistent with numbering.

```
public const string DiagnosticId = "MNA0003"
```

Field Value

string

DiagnosticIdA

Keep IDs stable and consistent with numbering.

```
public const string DiagnosticIdA = "MNA0003A"
```

Field Value

string

Properties

SupportedDiagnostics

Returns a set of descriptors for the diagnostics that this analyzer is capable of producing.

```
public override ImmutableArray<DiagnosticDescriptor> SupportedDiagnostics { get; }
```

Property Value

ImmutableArray <DiagnosticDescriptor >

Methods

Initialize(AnalysisContext)

Registers operation analysis for invocations of `System.Console.Write`/`WriteLine`. Skips generated code and enables concurrent execution.

```
public override void Initialize(AnalysisContext context)
```

Parameters

`context` AnalysisContext

Analyzer registration context.

Class EmptyCatchBlockAnalyzer

Namespace: MiniAnalyzers.Roslyn.Analyzers

Assembly: MiniAnalyzers.Roslyn.dll

Flags empty catch blocks that swallow exceptions without handling. First pass: report when the catch block contains zero statements.

```
[DiagnosticAnalyzer("C#", new string[] { })]
public sealed class EmptyCatchBlockAnalyzer : DiagnosticAnalyzer
```

Inheritance

object ← DiagnosticAnalyzer ← EmptyCatchBlockAnalyzer

Inherited Members

DiagnosticAnalyzer.Equals(object) , DiagnosticAnalyzer.GetHashCode() , DiagnosticAnalyzer.ToString() , object.Equals(object, object) , object.GetType() , object.ReferenceEquals(object, object)

Fields

DiagnosticId

Keep IDs stable and consistent with the project numbering.

```
public const string DiagnosticId = "MNA0002"
```

Field Value

string

Properties

SupportedDiagnostics

Returns a set of descriptors for the diagnostics that this analyzer is capable of producing.

```
public override ImmutableArray<DiagnosticDescriptor> SupportedDiagnostics { get; }
```

Property Value

ImmutableArray<DiagnosticDescriptor>

Methods

Initialize(AnalysisContext)

Called once when the analyzer is initialized for a given compilation.

This method configures analysis options (ignoring generated code, enabling concurrency) and registers the callbacks we want Roslyn to invoke, in this case, for every `catch` clause.

```
public override void Initialize(AnalysisContext context)
```

Parameters

`context` AnalysisContext

The AnalysisContext used to register analysis actions.

Class WeakVariableNameAnalyzer

Namespace: MiniAnalyzers.Roslyn.Analyzers

Assembly: MiniAnalyzers.Roslyn.dll

Flags short or non-descriptive names across multiple declaration contexts. Targets:

- Local variables (including deconstruction and pattern variables)
- Fields (non-const)
- Parameters

Rules:

- Length rule: names of length ≤ 2 are flagged, except allow-list entries
- Token rule: names in a small weak-name set (e.g., "tmp", "data", "foo") are flagged
- For-loop counters: 'i', 'j', 'k' are allowed in the for-initializer only
- Discard identifier "_" is ignored

Diagnostic text is enriched with type-aware suggestions:

- For bool types: suggest 'is/has/can' prefix
- For arrays and IEnumerable<T>: suggest plural naming

```
[DiagnosticAnalyzer("C#", new string[] { })]
public sealed class WeakVariableNameAnalyzer : DiagnosticAnalyzer
```

Inheritance

object ← DiagnosticAnalyzer ← WeakVariableNameAnalyzer

Inherited Members

DiagnosticAnalyzer.Equals(object) , DiagnosticAnalyzer.GetHashCode() , DiagnosticAnalyzer.ToString() , object.Equals(object, object) , object.GetType() , object.ReferenceEquals(object, object)

Fields

DiagnosticId

Keep the ID in sync with numbering.

```
public const string DiagnosticId = "MNA0004"
```

Field Value

string

Properties

SupportedDiagnostics

Returns a set of descriptors for the diagnostics that this analyzer is capable of producing.

```
public override ImmutableArray<DiagnosticDescriptor> SupportedDiagnostics { get; }
```

Property Value

ImmutableArray <DiagnosticDescriptor >

Methods

Initialize(AnalysisContext)

Register once per-compilation, cache framework symbols, and pass them to all callbacks. This avoids resolving well-known types on every variable we analyze.

```
public override void Initialize(AnalysisContext context)
```

Parameters

`context` AnalysisContext

Analyzer registration context.

Namespace MiniAnalyzers.Tests

Classes

AnalysisRunnerTests

AsyncVoidAnalyzerTests

BigIntegrationTest

ConsoleWriteLineAnalyzerTests

EmptyCatchBlockAnalyzerTests

WeakVariableNameAnalyzerTests

Class AnalysisRunnerTests

Namespace: MiniAnalyzers.Tests

Assembly: MiniAnalyzers.Tests.dll

```
[TestClass]
public class AnalysisRunnerTests
```

Inheritance

object ← AnalysisRunnerTests

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

AsyncVoidProject_ExactlyOne_MNA0001()

```
[TestMethod]
public Task AsyncVoidProject_ExactlyOne_MNA0001()
```

Returns

Task

AsyncVoid_EventHandler_Toggle_By_EditorConfig(string, int)

```
[TestMethod]
[DataRow(new object?[] { "AsyncVoidProject", 1 })]
public Task AsyncVoid_EventHandler_Toggle_By_EditorConfig(string sample, int expectedCount)
```

Parameters

`sample` string

`expectedCount` int

Returns

Task

ConsoleWrite_RequiredPrefix_Project_WithFixedEditorConfig(string, int)

```
[TestMethod]
[DataRow(new object?[] { "MNA0003A", 1 })]
[DataRow(new object?[] { "MNA0003", 1 })]
public Task ConsoleWrite_RequiredPrefix_Project_WithFixedEditorConfig(string diagnosticId,
int expectedCount)
```

Parameters

`diagnosticId` string

`expectedCount` int

Returns

Task

EmptyCatchProject_ExactlyOne_MNA0002()

```
[TestMethod]
public Task EmptyCatchProject_ExactlyOne_MNA0002()
```

Returns

Task

EmptyCatch_ErrorSeverity_Project_HasExactlyOneError()

```
[TestMethod]
public Task EmptyCatch_ErrorSeverity_Project_HasExactlyOneError()
```

Returns

Task

FindsAsyncVoidDiagnosticInSampleProject()

```
[TestMethod]
public Task FindsAsyncVoidDiagnosticInSampleProject()
```

Returns

Task

MNA0004_AllKeys_Visible()

```
[TestMethod]
public Task MNA0004_AllKeys_Visible()
```

Returns

Task

MixedIssuesProject_Exact_Diagnostic_Counts(string, int)

```
[TestMethod]
[DataRow(new object?[] { "MNA0001", 2 })]
[DataRow(new object?[] { "MNA0002", 1 })]
[DataRow(new object?[] { "MNA0004", 5 })]
public Task MixedIssuesProject_Exact_Diagnostic_Counts(string diagnosticId,
int expectedCount)
```

Parameters

`diagnosticId` string

`expectedCount` int

Returns

Task

MixedIssuesProject_Finds_All_Analyzers()

```
[TestMethod]
public Task MixedIssuesProject_Finds_All_Analyzers()
```

Returns

Task

WeakVar_Foreach_Toggle(string, int)

```
[TestMethod]
[DataRow(new object?[] { "WeakVarForeach_Off", 0 })]
public Task WeakVar_Foreach_Toggle(string sample, int expectedCount)
```

Parameters

`sample` string

`expectedCount` int

Returns

Task

Class AsyncVoidAnalyzerTests

Namespace: MiniAnalyzers.Tests

Assembly: MiniAnalyzers.Tests.dll

```
[TestClass]
public sealed class AsyncVoidAnalyzerTests
```

Inheritance

object ← AsyncVoidAnalyzerTests

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.ReferenceEquals(object, object) , object.ToString()

Methods

DoesNotFlagAsyncLambdaAsEventHandler()

```
[TestMethod]
public Task DoesNotFlagAsyncLambdaAsEventHandler()
```

Returns

Task

DoesNotFlagAsyncLambdaAssignedToFuncTask()

```
[TestMethod]
public Task DoesNotFlagAsyncLambdaAssignedToFuncTask()
```

Returns

Task

DoesNotFlagEventHandler()

```
[TestMethod]
public Task DoesNotFlagEventHandler()
```

Returns

Task

DoesNotFlagOverrideAsyncVoidMethod()

```
[TestMethod]
public Task DoesNotFlagOverrideAsyncVoidMethod()
```

Returns

Task

FlagsAsyncAnonymousMethodAssignedToAction()

```
[TestMethod]
public Task FlagsAsyncAnonymousMethodAssignedToAction()
```

Returns

Task

FlagsAsyncLambdaAssignedToAction()

```
[TestMethod]
public Task FlagsAsyncLambdaAssignedToAction()
```

Returns

Task

FlagsAsyncVoidLocalFunction()

```
[TestMethod]
public Task FlagsAsyncVoidLocalFunction()
```

Returns

Task

FlagsAsyncVoidMethod()

```
[TestMethod]
public Task FlagsAsyncVoidMethod()
```

Returns

Task

Class BigIntegrationTest

Namespace: MiniAnalyzers.Tests

Assembly: MiniAnalyzers.Tests.dll

```
[TestClass]
public class BigIntegrationTest
```

Inheritance

object ← BigIntegrationTest

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

AllAnalyzersSolution_Integrated_Aggregates_Across_Projects()

```
[TestMethod]
public Task AllAnalyzersSolution_Integrated_Aggregates_Across_Projects()
```

Returns

Task

Class ConsoleWriteLineAnalyzerTests

Namespace: MiniAnalyzers.Tests

Assembly: MiniAnalyzers.Tests.dll

```
[TestClass]
public sealed class ConsoleWriteLineAnalyzerTests
```

Inheritance

object ← ConsoleWriteLineAnalyzerTests

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.ReferenceEquals(object, object) , object.ToString()

Methods

DoesNotFlag_CustomConsoleClass()

```
[TestMethod]
public Task DoesNotFlag_CustomConsoleClass()
```

Returns

Task

DoesNotFlag_DebugWriteLine()

```
[TestMethod]
public Task DoesNotFlag_DebugWriteLine()
```

Returns

Task

Flags_Basic_ConsoleWrite()

```
[TestMethod]
public Task Flags_Basic_ConsoleWrite()
```

Returns

Task

Flags_Basic_ConsoleWriteLine()

```
[TestMethod]
public Task Flags_Basic_ConsoleWriteLine()
```

Returns

Task

Flags_FullyQualified_SystemConsoleWrite()

```
[TestMethod]
public Task Flags_FullyQualified_SystemConsoleWrite()
```

Returns

Task

Flags_FullyQualified_SystemConsoleWriteLine()

```
[TestMethod]
public Task Flags_FullyQualified_SystemConsoleWriteLine()
```

Returns

Task

Flags_StaticUsing_Write_And_WriteLine()

```
[TestMethod]
public Task Flags_StaticUsing_Write_And_WriteLine()
```

Returns

Task

Flags_WithTypeAlias_ToSystemConsole()

```
[TestMethod]
public Task Flags_WithTypeAlias_ToSystemConsole()
```

Returns

Task

Class EmptyCatchBlockAnalyzerTests

Namespace: MiniAnalyzers.Tests

Assembly: MiniAnalyzers.Tests.dll

```
[TestClass]
public sealed class EmptyCatchBlockAnalyzerTests
```

Inheritance

object ← EmptyCatchBlockAnalyzerTests

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.ReferenceEquals(object, object) , object.ToString()

Methods

DoesNotFlag_EmptyCatch_CustomDerivedFromOCE()

```
[TestMethod]
public Task DoesNotFlag_EmptyCatch_CustomDerivedFromOCE()
```

Returns

Task

DoesNotFlag_EmptyCatch_OperationCanceledException()

```
[TestMethod]
public Task DoesNotFlag_EmptyCatch_OperationCanceledException()
```

Returns

Task

DoesNotFlag_EmptyCatch_SemicolonOnly_OCE()

```
[TestMethod]
public Task DoesNotFlag_EmptyCatch_SemicolonOnly_OCE()
```

Returns

Task

DoesNotFlag_EmptyCatch_TaskCanceledException()

```
[TestMethod]
public Task DoesNotFlag_EmptyCatch_TaskCanceledException()
```

Returns

Task

DoesNotFlag_NonEmptyCatch_Rethrow()

```
[TestMethod]
public Task DoesNotFlag_NonEmptyCatch_Rethrow()
```

Returns

Task

DoesNotFlag_NonEmptyCatch_SimpleStatement()

```
[TestMethod]
public Task DoesNotFlag_NonEmptyCatch_SimpleStatement()
```

Returns

Task

Flags_CommentOnly_Block()

```
[TestMethod]
public Task Flags_CommentOnly_Block()
```

Returns

Task

Flags_EmptyCatch_Basic()

```
[TestMethod]
public Task Flags_EmptyCatch_Basic()
```

Returns

Task

Flags_EmptyCatch_WithExceptionType()

```
[TestMethod]
public Task Flags_EmptyCatch_WithExceptionType()
```

Returns

Task

Flags_EmptyCatch_WithSemicolonOnly()

```
[TestMethod]
public Task Flags_EmptyCatch_WithSemicolonOnly()
```

Returns

Task

Flags_EmptyCatch_WithWhenFilter()

```
[TestMethod]
public Task Flags_EmptyCatch_WithWhenFilter()
```

Returns

Task

Mixed_MultipleCatches_OnlyEmptyFlagged()

```
[TestMethod]
public Task Mixed_MultipleCatches_OnlyEmptyFlagged()
```

Returns

Task

Class WeakVariableNameAnalyzerTests

Namespace: MiniAnalyzers.Tests

Assembly: MiniAnalyzers.Tests.dll

```
[TestClass]
public sealed class WeakVariableNameAnalyzerTests
```

Inheritance

object ← WeakVariableNameAnalyzerTests

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.ReferenceEquals(object, object) , object.ToString()

Methods

Checks_EventArgsParameterNames(string, string, bool)

```
[TestMethod]
[DataRow(new object?[] { "System.EventArgs", "e", false })]
[DataRow(new object?[] { "System.EventArgs", "a", true })]
[DataRow(new object?[] { "int", "e", true })]
public Task Checks_EventArgsParameterNames(string type, string name, bool expectDiagnostic)
```

Parameters

`type` string

`name` string

`expectDiagnostic` bool

Returns

Task

Checks_Parameters(string, bool)

```
[TestMethod]
[DataRow(new object?[] { "tmp", true })]
[DataRow(new object?[] { "a", true })]
[DataRow(new object?[] { "data", true })]
[DataRow(new object?[] { "id", false })]
[DataRow(new object?[] { "ct", false })]
public Task Checks_Parameters(string name, bool expectDiagnostic)
```

Parameters

`name` string

`expectDiagnostic` bool

Returns

Task

DoesNotFlag_AllowedDeconstructionVariables(string, string)

```
[TestMethod]
[DataRow(new object?[] { "id", "ct" })]
[DataRow(new object?[] { "ok", "db" })]
public Task DoesNotFlag_AllowedDeconstructionVariables(string testItem1, string testItem2)
```

Parameters

`testItem1` string

`testItem2` string

Returns

Task

DoesNotFlag_AllowedFieldNames(string)

```
[TestMethod]
[DataRow("id")]
[DataRow("ct")]
[DataRow("ok")]
public Task DoesNotFlag_AllowedFieldNames(string name)
```

Parameters

`name` string

Returns

Task

DoesNotFlag_AllowedPatternVariables(string)

```
[TestMethod]
[DataRow("id")]
[DataRow("ct")]
public Task DoesNotFlag_AllowedPatternVariables(string name)
```

Parameters

`name` string

Returns

Task

DoesNotFlag_ForInitializerCounters(string)

```
[TestMethod]
[DataRow("i")]
[DataRow("j")]
[DataRow("k")]
public Task DoesNotFlag_ForInitializerCounters(string counter)
```

Parameters

`counter` string

Returns

Task

DoesNotFlag_GoodBooleanPatternNames(string)

```
[TestMethod]
[DataRow("isReady")]
[DataRow("hasItems")]
[DataRow("canExecute")]
[DataRow("shouldRun")]
[DataRow("wasProcessed")]
public Task DoesNotFlag_GoodBooleanPatternNames(string name)
```

Parameters

`name` string

Returns

Task

DoesNotFlag_GoodCollectionNames(string, string)

```
[TestMethod]
[DataRow(new object?[] { "int[]", "values" })]
[DataRow(new object?[] { "System.Collections.Generic.List<int>", "numbers" })]
[DataRow(new object?[] { "System.Collections.Generic.Dictionary<int,int>", "mapping" })]
[DataRow(new object?[] { "System.Collections.Generic.Queue<int>", "queue" })]
public Task DoesNotFlag_GoodCollectionNames(string type, string name)
```

Parameters

`type` string

`name` string

Returns

Task

DoesNotFlag_GoodOrAllowedNames(string)

```
[TestMethod]
[DataRow("count")]
[DataRow("isReady")]
[DataRow("customers")]
[DataRow("id")]
[DataRow("_")]
public Task DoesNotFlag_GoodOrAllowedNames(string name)
```

Parameters

`name` string

Returns

Task

Flags_Complex_Fields_And_Parameters(string, string, string, string)

```
[TestMethod]
[DataRow(new object?[] { "tmp", "val", "a", "b1" })]
[DataRow(new object?[] { "foo", "bar", "x", "y1" })]
[DataRow(new object?[] { "obj", "data", "aa", "zz" })]
public Task Flags_Complex_Fields_And_Parameters(string flag1, string flag2, string param1,
string param2)
```

Parameters

`flag1` string

`flag2` string

`param1` string

`param2` string

Returns

Task

Flags_Complex_Locals_Pattern_Deconstruction(string, string, string, string)

```
[TestMethod]
[DataRow(new object?[] { "a", "b1", "tmp", "val" })]
[DataRow(new object?[] { "x", "y1", "foo", "bar" })]
public Task Flags_Complex_Locals_Pattern_Deconstruction(string testItem1, string testItem2,
string testItem3, string testItem4)
```

Parameters

`testItem1` string

`testItem2` string

`testItem3` string

`testItem4` string

Returns

Task

Flags_CounterName_OutsideForInitializer(string)

```
[TestMethod]
[DataRow("i")]
[DataRow("j")]
```

```
[DataRow("k")]
public Task Flags_CounterName_OutsideForInitializer(string name)
```

Parameters

`name` string

Returns

Task

Flags_DeconstructionVariable_Foreach(string, string)

```
[TestMethod]
[DataRow(new object?[] { "tmp", "val" })]
public Task Flags_DeconstructionVariable_Foreach(string testItem1, string testItem2)
```

Parameters

`testItem1` string

`testItem2` string

Returns

Task

Flags_DeconstructionVariable_Local(string, string)

```
[TestMethod]
[DataRow(new object?[] { "tmp", "val" })]
public Task Flags_DeconstructionVariable_Local(string testItem1, string testItem2)
```

Parameters

`testItem1` string

`testItem2` string

Returns

Task

Flags_MultipleDeclarators()

```
[TestMethod]
public Task Flags_MultipleDeclarators()
```

Returns

Task

Flags_OutVariables(string)

```
[TestMethod]
[DataRow("tmp")]
[DataRow("a")]
public Task Flags_OutVariables(string name)
```

Parameters

`name` string

Returns

Task

Flags_PatternVariables(string)

```
[TestMethod]
[DataRow("tmp")]
[DataRow("a")]
public Task Flags_PatternVariables(string name)
```

Parameters

`name` string

Returns

Task

Flags_ShortOrTmp_LocalNames(string)

```
[TestMethod]
[DataRow("a")]
[DataRow("b1")]
[DataRow("aa")]
[DataRow("tmp")]
[DataRow("temp")]
[DataRow("obj")]
[DataRow("val")]
public Task Flags_ShortOrTmp_LocalNames(string name)
```

Parameters

`name` string

Returns

Task

Flags_WeakFieldNames(string)

```
[TestMethod]
[DataRow("tmp")]
[DataRow("a")]
[DataRow("data")]
public Task Flags_WeakFieldNames(string name)
```

Parameters

`name` string

Returns

Task

Flags_WeakNames_WithBooleanType(string)

```
[TestMethod]
[DataRow("b")]
[DataRow("aa")]
[DataRow("tmp")]
[DataRow("val")]
public Task Flags_WeakNames_WithBooleanType(string name)
```

Parameters

`name` string

Returns

Task

Flags_WeakNames_WithCollections(string, string)

```
[TestMethod]
[DataRow(new object?[] { "int[]", "tmp" })]
[DataRow(new object?[] { "System.Collections.Generic.List<int>", "data" })]
[DataRow(new object?[] { "System.Collections.Generic.Dictionary<int,int>", "item" })]
[DataRow(new object?[] { "System.Collections.Generic.HashSet<int>", "val" })]
public Task Flags_WeakNames_WithCollections(string type, string name)
```

Parameters

`type` string

`name` string

Returns

Task

MessageSuffix_Boolean()

```
[TestMethod]
public Task MessageSuffix_Boolean()
```

Returns

Task

MessageSuffix_Collection()

```
[TestMethod]
public Task MessageSuffix_Collection()
```

Returns

Task

Namespace MiniAnalyzers.UI

Classes

App

Interaction logic for App.xaml

FilterSettings

User-editable filters applied to the diagnostics grid.

MainWindow

MainWindow

RuleSummary

Lightweight view model for a diagnostic rule.

SettingsWindow

SettingsWindow

Class App

Namespace: MiniAnalyzers.UI

Assembly: MiniAnalyzers.UI.dll

Interaction logic for App.xaml

```
public class App : Application, IQueryAmbient
```

Inheritance

object ← DispatcherObject ← Application ← App

Implements

IQueryAmbient

Inherited Members

Application.FindResource(object) , Application.GetContentStream(Uri) , Application.GetCookie(Uri) , Application.GetRemoteStream(Uri) , Application.GetResourceStream(Uri) , Application.LoadComponent(object, Uri) , Application.LoadComponent(Uri) , Application.OnActivated(EventArgs) , Application.OnDeactivated(EventArgs) , Application.OnExit(ExitEventArgs) , Application.OnFragmentNavigation(FragmentNavigationEventArgs) , Application.OnLoadCompleted(NavigationEventArgs) , Application.OnNavigated(NavigationEventArgs) , Application.OnNavigating(NavigatingCancelEventArgs) , Application.OnNavigationFailed(NavigationFailedEventArgs) , Application.OnNavigationProgress(NavigationProgressEventArgs) , Application.OnNavigationStopped(NavigationEventArgs) , Application.OnSessionEnding(SessionEndingCancelEventArgs) , Application.OnStartup(StartupEventArgs) , Application.Run() , Application.Run(Window) , Application.SetCookie(Uri, string) , Application.Shutdown() , Application.Shutdown(int) , Application.TryFindResource(object) , Application.Current , Application.MainWindow , Application.Properties , Application.ResourceAssembly , Application.Resources , Application.ShutdownMode , Application.StartupUri , Application.ThemeMode , Application.Windows , Application.Activated , Application.Deactivated , Application.DispatcherUnhandledException , Application.Exit , Application.FragmentNavigation , Application.LoadCompleted , Application.Navigated , Application.Navigating , Application.NavigationFailed , Application.NavigationProgress , Application.NavigationStopped , Application.SessionEnding , Application.Startup , DispatcherObject.Dispatcher ,

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object) , object.ToString()

Methods

InitializeComponent()

InitializeComponent

```
public void InitializeComponent()
```

Main()

Application Entry Point.

```
[STAThread]
public static void Main()
```

Class FilterSettings

Namespace: MiniAnalyzers.UI

Assembly: MiniAnalyzers.UI.dll

User-editable filters applied to the diagnostics grid.

```
public sealed class FilterSettings : INotifyPropertyChanged
```

Inheritance

object ← FilterSettings

Implements

INotifyPropertyChanged

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.ReferenceEquals(object, object) , object.ToString()

Properties

ExcludeIdsCsv

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

Property Value

string

IncludeIdsCsv

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

Property Value

string

SearchText

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

Property Value

string

ShowError

```
public bool ShowError { get; set; }
```

Property Value

bool

ShowInfo

```
public bool ShowInfo { get; set; }
```

Property Value

bool

ShowWarning

```
public bool ShowWarning { get; set; }
```

Property Value

bool

Events

PropertyChanged

Occurs when a property value changes.

```
public event PropertyChangedEventHandler? PropertyChanged
```

Event Type

PropertyChangedEventHandler

Class MainWindow

Namespace: MiniAnalyzers.UI

Assembly: MiniAnalyzers.UI.dll

MainWindow

```
public class MainWindow : Window, IAnimatable, ISupportInitialize, IFrameworkInputElement,
IInputElement, IQueryAmbient, IAddChild, IComponentConnector
```

Inheritance

object ← DispatcherObject ← DependencyObject ← Visual ← UIElement ← FrameworkElement ← Control ← ContentControl ← Window ← MainWindow

Implements

IAnimatable, ISupportInitialize, IFrameworkInputElement, IInputElement, IQueryAmbient, IAddChild, IComponentConnector

Inherited Members

Window.AllowsTransparencyProperty , Window.DpiChangedEvent , Window.IconProperty , Window.IsActiveProperty , Window.LeftProperty , Window.ResizeModeProperty , Window.ShowActivatedProperty , Window.ShowInTaskbarProperty , Window.SizeToContentProperty , Window.TaskbarItemInfoProperty , Window.TitleProperty , Window.TopmostProperty , Window.TopProperty , Window.WindowStateProperty , Window.WindowStyleProperty , Window.Activate() , Window.ArrangeOverride(Size) , Window.Close() , Window.DragMove() , Window.GetWindow(DependencyObject) , Window.Hide() , Window.MeasureOverride(Size) , Window.OnActivated(EventArgs) , Window.OnClosed(EventArgs) , Window.OnClosing(CancelEventArgs) , Window.OnContentChanged(object, object) , Window.OnContentRendered(EventArgs) , Window.OnCreateAutomationPeer() , Window.OnDeactivated(EventArgs) , Window.OnDpiChanged(DpiScale, DpiScale) , Window.OnLocationChanged(EventArgs) , Window.OnManipulationBoundaryFeedback(ManipulationBoundaryFeedbackEventArgs) , Window.OnSourceInitialized(EventArgs) , Window.OnStateChanged(EventArgs) , Window.OnVisualChildrenChanged(DependencyObject, DependencyObject) , Window.OnVisualParentChanged(DependencyObject) , Window.Show() , Window.ShowDialog() , Window.AllowsTransparency , Window.DialogResult , Window.Icon , Window.IsActive , Window.Left , Window.LogicalChildren , Window.OwnedWindows , Window.Owner , Window.ResizeMode , Window.RestoreBounds , Window.ShowActivated , Window.ShowInTaskbar , Window.SizeToContent , Window.TaskbarItemInfo , Window.ThemeMode , Window.Title , Window.Top , Window.Topmost ,

Window.WindowStartupLocation , Window.WindowState , Window.WindowStyle ,
Window.Activated , Window.Closed , Window.Closing , Window.ContentRendered ,
Window.Deactivated , Window.DpiChanged , Window.LocationChanged ,
Window.SourceInitialized , Window.StateChanged , ContentControl.ContentProperty ,
ContentControl.ContentStringFormatProperty , ContentControl.ContentTemplateProperty ,
ContentControl.ContentTemplateSelectorProperty , ContentControl.HasContentProperty ,
ContentControl.AddChild(object) , ContentControl.AddText(string) ,
ContentControl.OnContentStringFormatChanged(string, string) ,
ContentControl.OnContentTemplateChanged(DataTemplate, DataTemplate) ,
ContentControl.OnContentTemplateSelectorChanged(DataTemplateSelector, DataTemplateSelector) ,
ContentControl.Content , ContentControl.ContentStringFormat , ContentControl.ContentTemplate ,
ContentControl.ContentTemplateSelector , ContentControl.HasContent ,
Control.BackgroundProperty , Control.BorderBrushProperty , Control.BorderThicknessProperty ,
Control.FontFamilyProperty , Control.FontSizeProperty , Control.FontStretchProperty ,
Control.FontStyleProperty , Control.FontWeightProperty , Control.ForegroundProperty ,
Control.HorizontalContentAlignmentProperty , Control.IsTabStopProperty ,
Control.MouseDoubleClickEvent , Control.PaddingProperty ,
Control.PreviewMouseDoubleClickEvent , Control.TabIndexProperty , Control.TemplateProperty ,
Control.VerticalContentAlignmentProperty , Control.OnMouseDoubleClick(MouseButtonEventArgs) ,
Control.OnPreviewMouseDoubleClick(MouseButtonEventArgs) ,
Control.OnTemplateChanged(ControlTemplate, ControlTemplate) , Control.ToString() ,
Control.Background , Control.BorderBrush , Control.BorderThickness , Control.FontFamily ,
Control.FontSize , Control.FontStretch , Control.FontStyle , Control.FontWeight ,
Control.Foreground , Control.HandlesScrolling , Control.HorizontalContentAlignment ,
Control.IsTabStop , Control.Padding , Control.TabIndex , Control.Template ,
Control.VerticalContentAlignment , Control.MouseDoubleClick ,
Control.PreviewMouseDoubleClick , FrameworkElement.ActualHeightProperty ,
FrameworkElement.ActualWidthProperty , FrameworkElement.BindingGroupProperty ,
FrameworkElement.ContextMenuClosingEvent , FrameworkElement.ContextMenuOpeningEvent ,
FrameworkElement.ContextMenuProperty , FrameworkElement.CursorProperty ,
FrameworkElement.DataContextProperty , FrameworkElement.DefaultStyleKeyProperty ,
FrameworkElement.FlowDirectionProperty , FrameworkElement.FocusVisualStyleProperty ,
FrameworkElement.ForceCursorProperty , FrameworkElement.HeightProperty ,
FrameworkElement.HorizontalAlignmentProperty , FrameworkElement.InputScopeProperty ,
FrameworkElement.LanguageProperty , FrameworkElement.LayoutTransformProperty ,
FrameworkElement.LoadedEvent , FrameworkElement.MarginProperty ,
FrameworkElement.MaxHeightProperty , FrameworkElement.MaxWidthProperty ,
FrameworkElement.MinHeightProperty , FrameworkElement.MinWidthProperty ,
FrameworkElement.NameProperty , FrameworkElement.OverridesDefaultStyleProperty ,
FrameworkElement.RequestBringIntoViewEvent , FrameworkElement.SizeChangedEvent ,

FrameworkElement.StyleProperty , FrameworkElement.TagProperty ,
FrameworkElement.ToolTipClosingEvent , FrameworkElement.ToolTipOpeningEvent ,
FrameworkElement.ToolTipProperty , FrameworkElement.UnloadedEvent ,
FrameworkElement.UseLayoutRoundingProperty , FrameworkElement.VerticalAlignmentProperty ,
FrameworkElement.WidthProperty , FrameworkElement.AddLogicalChild(object) ,
FrameworkElement.ApplyTemplate() , FrameworkElement.ArrangeCore(Rect) ,
FrameworkElement.BeginInit() , FrameworkElement.BeginStoryboard(Storyboard) ,
FrameworkElement.BeginStoryboard(Storyboard, HandoffBehavior) ,
FrameworkElement.BeginStoryboard(Storyboard, HandoffBehavior, bool) ,
FrameworkElement.BringIntoView() , FrameworkElement.BringIntoView(Rect) ,
FrameworkElement.EndInit() , FrameworkElement.FindName(string) ,
FrameworkElement.FindResource(object) ,
FrameworkElement.GetBindingExpression(DependencyProperty) ,
FrameworkElement.GetFlowDirection(DependencyObject) , FrameworkElement.GetLayoutClip(Size) ,
FrameworkElement.GetTemplateChild(string) , FrameworkElement.GetUIParentCore() ,
FrameworkElement.GetVisualChild(int) , FrameworkElement.MeasureCore(Size) ,
FrameworkElement.MoveFocus(TraversalRequest) , FrameworkElement.OnApplyTemplate() ,
FrameworkElement.OnContextMenuClosing(ContextMenuEventArgs) ,
FrameworkElement.OnContextMenuOpening(ContextMenuEventArgs) ,
FrameworkElement.OnGotFocus(RoutedEventArgs) , FrameworkElement.OnInitialized(EventArgs) ,
FrameworkElement.OnPropertyChanged(DependencyPropertyChangedEventArgs) ,
FrameworkElement.OnRenderSizeChanged(SizeChangedInfo) ,
FrameworkElement.OnStyleChanged(Style, Style) ,
FrameworkElement.OnToolTipClosing(ToolTipEventArgs) ,
FrameworkElement.OnToolTipOpening(ToolTipEventArgs) ,
FrameworkElement.ParentLayoutInvalidated(UIElement) ,
FrameworkElement.PredictFocus(FocusNavigationDirection) ,
FrameworkElement.RegisterName(string, object) , FrameworkElement.RemoveLogicalChild(object) ,
FrameworkElement.SetBinding(DependencyProperty, string) ,
FrameworkElement.SetBinding(DependencyProperty, BindingBase) ,
FrameworkElement.SetFlowDirection(DependencyObject, FlowDirection) ,
FrameworkElement.SetResourceReference(DependencyProperty, object) ,
FrameworkElement.TryFindResource(object) , FrameworkElement.UnregisterName(string) ,
FrameworkElement.UpdateDefaultStyle() , FrameworkElement.ActualHeight ,
FrameworkElement.ActualWidth , FrameworkElement.BindingGroup ,
FrameworkElement.ContextMenu , FrameworkElement.Cursor , FrameworkElement.DataContext ,
FrameworkElement.DefaultStyleKey , FrameworkElement.FlowDirection ,
FrameworkElement.FocusVisualStyle , FrameworkElement.ForceCursor , FrameworkElement.Height ,
FrameworkElement.HorizontalAlignment , FrameworkElement.InheritanceBehavior ,
FrameworkElement.InputScope , FrameworkElement.IsInitialized , FrameworkElement.IsLoaded ,

FrameworkElement.Language , FrameworkElement.LayoutTransform , FrameworkElement.Margin , FrameworkElement.MaxHeight , FrameworkElement.MaxWidth , FrameworkElement.MinHeight , FrameworkElement.MinWidth , FrameworkElement.Name , FrameworkElement.OverridesDefaultStyle , FrameworkElement.Parent , FrameworkElement.Resources , FrameworkElement.Style , FrameworkElement.Tag , FrameworkElement.TemplatedParent , FrameworkElement.ToolTip , FrameworkElement.Triggers , FrameworkElement.UseLayoutRounding , FrameworkElement.VerticalAlignment , FrameworkElement.VisualChildrenCount , FrameworkElement.Width , FrameworkElement.ContextMenuClosing , FrameworkElement.ContextMenuOpening , FrameworkElement.DataContextChanged , FrameworkElement.Initialized , FrameworkElement.Loaded , FrameworkElement.RequestBringIntoView , FrameworkElement.SizeChanged , FrameworkElement.SourceUpdated , FrameworkElement.TargetUpdated , FrameworkElement.ToolTipClosing , FrameworkElement.ToolTipOpening , FrameworkElement.Unloaded , UIElement.AllowDropProperty , UIElement.AreAnyTouchesCapturedProperty , UIElement.AreAnyTouchesCapturedWithinProperty , UIElement.AreAnyTouchesDirectlyOverProperty , UIElement.AreAnyTouchesOverProperty , UIElement.BitmapEffectInputProperty , UIElement.BitmapEffectProperty , UIElement.CacheModeProperty , UIElement.ClipProperty , UIElement.ClipToBoundsProperty , UIElement.DragEnterEvent , UIElement.DragLeaveEvent , UIElement.DragOverEvent , UIElement.DropEvent , UIElement.EffectProperty , UIElement.FocusableProperty , UIElement.GiveFeedbackEvent , UIElement.GotFocusEvent , UIElement.GotKeyboardFocusEvent , UIElement.GotMouseCaptureEvent , UIElement.GotStylusCaptureEvent , UIElement.GotTouchCaptureEvent , UIElement.IsEnabledProperty , UIElement.IsFocusedProperty , UIElement.IsHitTestVisibleProperty , UIElement.IsKeyboardFocusedProperty , UIElement.IsKeyboardFocusWithinProperty , UIElement.IsManipulationEnabledProperty , UIElement.IsMouseCapturedProperty , UIElement.IsMouseCaptureWithinProperty , UIElement.IsMouseDirectlyOverProperty , UIElement.IsMouseOverProperty , UIElement.IsStylusCapturedProperty , UIElement.IsStylusCaptureWithinProperty , UIElement.IsStylusDirectlyOverProperty , UIElement.IsStylusOverProperty , UIElement.IsVisibleProperty , UIElement.KeyDownEvent , UIElement.KeyUpEvent , UIElement.LostFocusEvent , UIElement.LostKeyboardFocusEvent , UIElement.LostMouseCaptureEvent , UIElement.LostStylusCaptureEvent , UIElement.LostTouchCaptureEvent , UIElement.ManipulationBoundaryFeedbackEvent , UIElement.ManipulationCompletedEvent , UIElement.ManipulationDeltaEvent , UIElement.ManipulationInertiaStartingEvent , UIElement.ManipulationStartedEvent , UIElement.ManipulationStartingEvent , UIElement.MouseDownEvent , UIElement.MouseEnterEvent , UIElement.MouseLeaveEvent , UIElement.MouseLeftButtonDownEvent , UIElement.MouseLeftButtonUpEvent , UIElement.MouseMoveEvent , UIElement.MouseRightButtonDownEvent , UIElement.MouseRightButtonUpEvent , UIElement.MouseUpEvent , UIElement.MouseWheelEvent , UIElement.OpacityMaskProperty ,

UIElement.OpacityProperty , UIElement.PreviewDragEnterEvent ,
UIElement.PreviewDragLeaveEvent , UIElement.PreviewDragOverEvent ,
UIElement.PreviewDropEvent , UIElement.PreviewGiveFeedbackEvent ,
UIElement.PreviewGotKeyboardFocusEvent , UIElement.PreviewKeyDownEvent ,
UIElement.PreviewKeyUpEvent , UIElement.PreviewLostKeyboardFocusEvent ,
UIElement.PreviewMouseDownEvent , UIElement.PreviewMouseLeftButtonDownEvent ,
UIElement.PreviewMouseLeftButtonUpEvent , UIElement.PreviewMouseMoveEvent ,
UIElement.PreviewMouseRightButtonDownEvent , UIElement.PreviewMouseRightButtonUpEvent ,
UIElement.PreviewMouseUpEvent , UIElement.PreviewMouseWheelEvent ,
UIElement.PreviewQueryContinueDragEvent , UIElement.PreviewStylusButtonDownEvent ,
UIElement.PreviewStylusButtonUpEvent , UIElement.PreviewStylusDownEvent ,
UIElement.PreviewStylusInAirMoveEvent , UIElement.PreviewStylusInRangeEvent ,
UIElement.PreviewStylusMoveEvent , UIElement.PreviewStylusOutOfRangeEvent ,
UIElement.PreviewStylusSystemGestureEvent , UIElement.PreviewStylusUpEvent ,
UIElement.PreviewTextInputEvent , UIElement.PreviewTouchDownEvent ,
UIElement.PreviewTouchMoveEvent , UIElement.PreviewTouchUpEvent ,
UIElement.QueryContinueDragEvent , UIElement.QueryCursorEvent ,
UIElement.RenderTransformOriginProperty , UIElement.RenderTransformProperty ,
UIElement.SnapsToDevicePixelsProperty , UIElement.StylusButtonDownEvent ,
UIElement.StylusButtonUpEvent , UIElement.StylusDownEvent , UIElement.StylusEnterEvent ,
UIElement.StylusInAirMoveEvent , UIElement.StylusInRangeEvent , UIElement.StylusLeaveEvent ,
UIElement.StylusMoveEvent , UIElement.StylusOutOfRangeEvent ,
UIElement.StylusSystemGestureEvent , UIElement.StylusUpEvent , UIElement.TextInputEvent ,
UIElement.TouchDownEvent , UIElement.TouchEnterEvent , UIElement.TouchLeaveEvent ,
UIElement.TouchMoveEvent , UIElement.TouchUpEvent , UIElement.UidProperty ,
UIElement.VisibilityProperty , UIElement.AddHandler(RoutedEvent, Delegate) ,
UIElement.AddHandler(RoutedEvent, Delegate, bool) ,
UIElement.AddToEventRoute(EventRoute, RoutedEventArgs) ,
UIElement.ApplyAnimationClock(DependencyProperty, AnimationClock) ,
UIElement.ApplyAnimationClock(DependencyProperty, AnimationClock, HandoffBehavior) ,
UIElement.Arrange(Rect) , UIElement.BeginAnimation(DependencyProperty, AnimationTimeline) ,
UIElement.BeginAnimation(DependencyProperty, AnimationTimeline, HandoffBehavior) ,
UIElement.CaptureMouse() , UIElement.CaptureStylus() , UIElement.CaptureTouch(TouchDevice) ,
UIElement.Focus() , UIElement.GetAnimationBaseValue(DependencyProperty) ,
UIElement.HitTestCore(GeometryHitTestParameters) , UIElement.HitTestCore(PointHitTestParameters) ,
UIElement.InputHitTest(Point) , UIElement.InvalidateArrange() , UIElement.InvalidateMeasure() ,
UIElement.InvalidateVisual() , UIElement.Measure(Size) ,
UIElement.OnAccessKey(AccessKeyEventArgs) , UIElement.OnChildDesiredSizeChanged(UIElement) ,
UIElement.OnDragEnter(DragEventArgs) , UIElement.OnDragLeave(DragEventArgs) ,
UIElement.OnDragOver(DragEventArgs) , UIElement.OnDrop(DragEventArgs) ,

UIElement.OnGiveFeedback(GiveFeedbackEventArgs) ,
UIElement.OnGotKeyboardFocus(KeyboardFocusChangedEventArgs) ,
UIElement.OnGotMouseCapture(MouseEventArgs) ,
UIElement.OnGotStylusCapture(StylusEventArgs) , UIElement.OnGotTouchCapture(TouchEventArgs) ,
UIElement.OnIsKeyboardFocusedChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsKeyboardFocusWithinChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsMouseCapturedChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsMouseCaptureWithinChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsMouseDirectlyOverChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsStylusCapturedChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsStylusCaptureWithinChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsStylusDirectlyOverChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnKeyDown(KeyEventArgs) , UIElement.OnKeyUp(KeyEventArgs) ,
UIElement.OnLostFocus(RoutedEventArgs) ,
UIElement.OnLostKeyboardFocus(KeyboardFocusChangedEventArgs) ,
UIElement.OnLostMouseCapture(MouseEventArgs) ,
UIElement.OnLostStylusCapture(StylusEventArgs) , UIElement.OnLostTouchCapture(TouchEventArgs) ,
UIElement.OnManipulationCompleted(ManipulationCompletedEventArgs) ,
UIElement.OnManipulationDelta(ManipulationDeltaEventArgs) ,
UIElement.OnManipulationInertiaStarting(ManipulationInertiaStartingEventArgs) ,
UIElement.OnManipulationStarted(ManipulationStartedEventArgs) ,
UIElement.OnManipulationStarting(ManipulationStartingEventArgs) ,
UIElement.OnMouseDown(MouseButtonEventArgs) , UIElement.OnMouseEnter(MouseEventArgs) ,
UIElement.OnMouseLeave(MouseEventArgs) ,
UIElement.OnMouseLeftButtonDown(MouseButtonEventArgs) ,
UIElement.OnMouseLeftButtonUp(MouseButtonEventArgs) ,
UIElement.OnMouseMove(MouseEventArgs) ,
UIElement.OnMouseRightButtonDown(MouseButtonEventArgs) ,
UIElement.OnMouseRightButtonUp(MouseButtonEventArgs) ,
UIElement.OnMouseUp(MouseButtonEventArgs) ,
UIElement.OnMouseWheel(MouseWheelEventArgs) ,
UIElement.OnPreviewDragEnter(DragEventArgs) , UIElement.OnPreviewDragLeave(DragEventArgs) ,
UIElement.OnPreviewDragOver(DragEventArgs) , UIElement.OnPreviewDrop(DragEventArgs) ,
UIElement.OnPreviewGiveFeedback(GiveFeedbackEventArgs) ,
UIElement.OnPreviewGotKeyboardFocus(KeyboardFocusChangedEventArgs) ,
UIElement.OnPreviewKeyDown(KeyEventArgs) , UIElement.OnPreviewKeyUp(KeyEventArgs) ,
UIElement.OnPreviewLostKeyboardFocus(KeyboardFocusChangedEventArgs) ,
UIElement.OnPreviewMouseDown(MouseButtonEventArgs) ,
UIElement.OnPreviewMouseLeftButtonDown(MouseButtonEventArgs) ,
UIElement.OnPreviewMouseLeftButtonUp(MouseButtonEventArgs) ,

UIElement.OnPreviewMouseMove(MouseEventArgs) ,
UIElement.OnPreviewMouseRightButtonDown(MouseButtonEventArgs) ,
UIElement.OnPreviewMouseRightButtonUp(MouseButtonEventArgs) ,
UIElement.OnPreviewMouseUp(MouseButtonEventArgs) ,
UIElement.OnPreviewMouseWheel(MouseWheelEventArgs) ,
UIElement.OnPreviewQueryContinueDrag(QueryContinueDragEventArgs) ,
UIElement.OnPreviewStylusButtonDown(StylusButtonEventArgs) ,
UIElement.OnPreviewStylusButtonUp(StylusButtonEventArgs) ,
UIElement.OnPreviewStylusDown(StylusDownEventArgs) ,
UIElement.OnPreviewStylusInAirMove(StylusEventArgs) ,
UIElement.OnPreviewStylusInRange(StylusEventArgs) ,
UIElement.OnPreviewStylusMove(StylusEventArgs) ,
UIElement.OnPreviewStylusOutOfRange(StylusEventArgs) ,
UIElement.OnPreviewStylusSystemGesture(StylusSystemGestureEventArgs) ,
UIElement.OnPreviewStylusUp(StylusEventArgs) ,
UIElement.OnPreviewTextInput(TextCompositionEventArgs) ,
UIElement.OnPreviewTouchDown(TouchEventArgs) ,
UIElement.OnPreviewTouchMove(TouchEventArgs) , UIElement.OnPreviewTouchUp(TouchEventArgs) ,
UIElement.OnQueryContinueDrag(QueryContinueDragEventArgs) ,
UIElement.OnQueryCursor(QueryCursorEventArgs) , UIElement.OnRender(DrawingContext) ,
UIElement.OnStylusButtonDown(StylusButtonEventArgs) ,
UIElement.OnStylusButtonUp(StylusButtonEventArgs) ,
UIElement.OnStylusDown(StylusDownEventArgs) , UIElement.OnStylusEnter(StylusEventArgs) ,
UIElement.OnStylusInAirMove(StylusEventArgs) , UIElement.OnStylusInRange(StylusEventArgs) ,
UIElement.OnStylusLeave(StylusEventArgs) , UIElement.OnStylusMove(StylusEventArgs) ,
UIElement.OnStylusOutOfRange(StylusEventArgs) ,
UIElement.OnStylusSystemGesture(StylusSystemGestureEventArgs) ,
UIElement.OnStylusUp(StylusEventArgs) , UIElement.OnTextInput(TextCompositionEventArgs) ,
UIElement.OnTouchDown(TouchEventArgs) , UIElement.OnTouchEnter(TouchEventArgs) ,
UIElement.OnTouchLeave(TouchEventArgs) , UIElement.OnTouchMove(TouchEventArgs) ,
UIElement.OnTouchUp(TouchEventArgs) , UIElement.RaiseEvent(RoutedEventArgs) ,
UIElement.ReleaseAllTouchCaptures() , UIElement.ReleaseMouseCapture() ,
UIElement.ReleaseStylusCapture() , UIElement.ReleaseTouchCapture(TouchDevice) ,
UIElement.RemoveHandler(RoutedEvent, Delegate) , UIElement.TranslatePoint(Point, UIElement) ,
UIElement.UpdateLayout() , UIElement.AllowDrop , UIElement.AreAnyTouchesCaptured ,
UIElement.AreAnyTouchesCapturedWithin , UIElement.AreAnyTouchesDirectlyOver ,
UIElement.AreAnyTouchesOver , UIElement.BitmapEffect , UIElement.BitmapEffectInput ,
UIElement.CacheMode , UIElement.Clip , UIElement.ClipToBounds ,
UIElement.CommandBindings , UIElement.DesiredSize , UIElement.Effect , UIElement.Focusable ,
UIElement.HasAnimatedProperties , UIElement.HasEffectiveKeyboardFocus ,

UIElement.InputBindings , UIElement.IsArrangeValid , UIElement.IsEnabled ,
UIElement.IsEnabledCore , UIElement.IsFocused , UIElement.IsHitTestVisible ,
UIElement.IsInputMethodEnabled , UIElement.IsKeyboardFocused ,
UIElement.IsKeyboardFocusWithin , UIElement.IsManipulationEnabled , UIElement.IsMeasureValid ,
UIElement.IsMouseCaptured , UIElement.IsMouseCaptureWithin , UIElement.IsMouseDirectlyOver ,
UIElement.IsMouseOver , UIElement.IsStylusCaptured , UIElement.IsStylusCaptureWithin ,
UIElement.IsStylusDirectlyOver , UIElement.IsStylusOver , UIElement.IsVisible , UIElement.Opacity ,
UIElement.OpacityMask , UIElement.PersistId , UIElement.RenderSize ,
UIElement.RenderTransform , UIElement.RenderTransformOrigin , UIElement.SnapsToDevicePixels ,
UIElement.StylusPlugIns , UIElement.TouchesCaptured , UIElement.TouchesCapturedWithin ,
UIElement.TouchesDirectlyOver , UIElement.TouchesOver , UIElement.Uid , UIElement.Visibility ,
UIElement.DragEnter , UIElement.DragLeave , UIElement.DragOver , UIElement.Drop ,
UIElement.FocusableChanged , UIElement.GiveFeedback , UIElement.GotFocus ,
UIElement.GotKeyboardFocus , UIElement.GotMouseCapture , UIElement.GotStylusCapture ,
UIElement.GotTouchCapture , UIElement.IsEnabledChanged , UIElement.IsHitTestVisibleChanged ,
UIElement.IsKeyboardFocusedChanged , UIElement.IsKeyboardFocusWithinChanged ,
UIElement.IsMouseCapturedChanged , UIElement.IsMouseCaptureWithinChanged ,
UIElement.IsMouseDirectlyOverChanged , UIElement.IsStylusCapturedChanged ,
UIElement.IsStylusCaptureWithinChanged , UIElement.IsStylusDirectlyOverChanged ,
UIElement.IsVisibleChanged , UIElement.KeyDown , UIElement.KeyUp ,
UIElement.LayoutUpdated , UIElement.LostFocus , UIElement.LostKeyboardFocus ,
UIElement.LostMouseCapture , UIElement.LostStylusCapture , UIElement.LostTouchCapture ,
UIElement.ManipulationBoundaryFeedback , UIElement.ManipulationCompleted ,
UIElement.ManipulationDelta , UIElement.ManipulationInertiaStarting ,
UIElement.ManipulationStarted , UIElement.ManipulationStarting , UIElement.MouseDown ,
UIElement.MouseEnter , UIElement.MouseLeave , UIElement.MouseLeftButtonDown ,
UIElement.MouseLeftButtonUp , UIElement.MouseMove , UIElement.MouseRightButtonDown ,
UIElement.MouseRightButtonUp , UIElement.MouseUp , UIElement.MouseWheel ,
UIElement.PreviewDragEnter , UIElement.PreviewDragLeave , UIElement.PreviewDragOver ,
UIElement.PreviewDrop , UIElement.PreviewGiveFeedback , UIElement.PreviewGotKeyboardFocus ,
UIElement.PreviewKeyDown , UIElement.PreviewKeyUp , UIElement.PreviewLostKeyboardFocus ,
UIElement.PreviewMouseDown , UIElement.PreviewMouseLeftButtonDown ,
UIElement.PreviewMouseLeftButtonUp , UIElement.PreviewMouseMove ,
UIElement.PreviewMouseRightButtonDown , UIElement.PreviewMouseRightButtonUp ,
UIElement.PreviewMouseUp , UIElement.PreviewMouseWheel ,
UIElement.PreviewQueryContinueDrag , UIElement.PreviewStylusButtonDown ,
UIElement.PreviewStylusButtonUp , UIElement.PreviewStylusDown ,
UIElement.PreviewStylusInAirMove , UIElement.PreviewStylusInRange ,
UIElement.PreviewStylusMove , UIElement.PreviewStylusOutOfRange ,
UIElement.PreviewStylusSystemGesture , UIElement.PreviewStylusUp , UIElement.PreviewTextInput ,

UIElement.PreviewTouchDown , UIElement.PreviewTouchMove , UIElement.PreviewTouchUp , UIElement.QueryContinueDrag , UIElement.QueryCursor , UIElement.StylusButtonDown , UIElement.StylusButtonUp , UIElement.StylusDown , UIElement.StylusEnter , UIElement.StylusInAirMove , UIElement.StylusInRange , UIElement.StylusLeave , UIElement.StylusMove , UIElement.StylusOutOfRange , UIElement.StylusSystemGesture , UIElement.StylusUp , UIElement.TextInput , UIElement.TouchDown , UIElement.TouchEnter , UIElement.TouchLeave , UIElement.TouchMove , UIElement.TouchUp , Visual.AddVisualChild(Visual) , Visual.FindCommonVisualAncestor(DependencyObject) , Visual.IsAncestorOf(DependencyObject) , Visual.IsDescendantOf(DependencyObject) , Visual.PointFromScreen(Point) , Visual.PointToScreen(Point) , Visual.RemoveVisualChild(Visual) , Visual.TransformToAncestor(Visual3D) , Visual.TransformToAncestor(Visual) , Visual.TransformToDescendant(Visual) , Visual.TransformToVisual(Visual) , Visual.VisualBitmapEffect , Visual.VisualBitmapEffectInput , Visual.VisualBitmapScalingMode , Visual.VisualCacheMode , Visual.VisualClearTypeHint , Visual.VisualClip , Visual.VisualEdgeMode , Visual.VisualEffect , Visual.VisualOffset , Visual.VisualOpacity , Visual.VisualOpacityMask , Visual.VisualParent , Visual.VisualScrollableAreaClip , Visual.VisualTextHintingMode , Visual.VisualTextRenderingMode , Visual.VisualTransform , Visual.VisualXSnappingGuidelines , Visual.VisualYSnappingGuidelines , DependencyObject.ClearValue(DependencyProperty) , DependencyObject.ClearValue(DependencyPropertyKey) , DependencyObject.CoerceValue(DependencyProperty) , DependencyObject.Equals(object) , DependencyObject.GetHashCode() , DependencyObject.GetLocalValueEnumerator() , DependencyObject.GetValue(DependencyProperty) , DependencyObject.InvalidateProperty(DependencyProperty) , DependencyObject.ReadLocalValue(DependencyProperty) , DependencyObject.SetCurrentValue(DependencyProperty, object) , DependencyObject.SetValue(DependencyProperty, object) , DependencyObject.SetValue(DependencyPropertyKey, object) , DependencyObject.ShouldSerializeProperty(DependencyProperty) , DependencyObject.DependencyObjectType , DependencyObject.IsSealed , DispatcherObject.Dispatcher , object.Equals(object, object) , object.GetType() , object.MemberwiseClone() , object.ReferenceEquals(object, object)

Constructors

MainWindow()

```
public MainWindow()
```

Properties

Filters

```
public FilterSettings Filters { get; }
```

Property Value

FilterSettings

Results

```
public ObservableCollection<DiagnosticInfo> Results { get; }
```

Property Value

ObservableCollection <DiagnosticInfo>

Methods

InitializeComponent()

InitializeComponent

```
public void InitializeComponent()
```

Class RuleSummary

Namespace: MiniAnalyzers.UI

Assembly: MiniAnalyzers.UI.dll

Lightweight view model for a diagnostic rule.

```
public sealed record RuleSummary : IEquatable<RuleSummary>
```

Inheritance

object ← RuleSummary

Implements

IEquatable<RuleSummary>

Inherited Members

object.Equals(object) , object.Equals(object, object) , object.GetHashCode() , object.GetType() , object.ReferenceEquals(object, object) , object.ToString()

Constructors

RuleSummary(string, string)

Lightweight view model for a diagnostic rule.

```
public RuleSummary(string id, string Title)
```

Parameters

`id` string

`Title` string

Properties

Title

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

Property Value

string

id

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

Property Value

string

Class SettingsWindow

Namespace: MiniAnalyzers.UI

Assembly: MiniAnalyzers.UI.dll

SettingsWindow

```
public class SettingsWindow : Window, IAnimatable, ISupportInitialize,
IFrameworkInputElement, IInputElement, IQueryAmbient, IAddChild,
IComponentConnector, IStyleConnector
```

Inheritance

object ← DispatcherObject ← DependencyObject ← Visual ← UIElement ← FrameworkElement ← Control ← ContentControl ← Window ← SettingsWindow

Implements

IAnimatable, ISupportInitialize, IFrameworkInputElement, IInputElement, IQueryAmbient, IAddChild, IComponentConnector, IStyleConnector

Inherited Members

Window.AllowsTransparencyProperty , Window.DpiChangedEvent , Window.IconProperty , Window.IsActiveProperty , Window.LeftProperty , Window.ResizeModeProperty , Window.ShowActivatedProperty , Window.ShowInTaskbarProperty , Window.SizeToContentProperty , Window.TaskbarItemInfoProperty , Window.TitleProperty , Window.TopmostProperty , Window.TopProperty , Window.WindowStateProperty , Window.WindowStyleProperty , Window.Activate() , Window.ArrangeOverride(Size) , Window.Close() , Window.DragMove() , Window.GetWindow(DependencyObject) , Window.Hide() , Window.MeasureOverride(Size) , Window.OnActivated(EventArgs) , Window.OnClosed(EventArgs) , Window.OnClosing(CancelEventArgs) , Window.OnContentChanged(object, object) , Window.OnContentRendered(EventArgs) , Window.OnCreateAutomationPeer() , Window.OnDeactivated(EventArgs) , Window.OnDpiChanged(DpiScale, DpiScale) , Window.OnLocationChanged(EventArgs) , Window.OnManipulationBoundaryFeedback(ManipulationBoundaryFeedbackEventArgs) , Window.OnSourceInitialized(EventArgs) , Window.OnStateChanged(EventArgs) , Window.OnVisualChildrenChanged(DependencyObject, DependencyObject) , Window.OnVisualParentChanged(DependencyObject) , Window.Show() , Window.ShowDialog() , Window.AllowsTransparency , Window.DialogResult , Window.Icon , Window.IsActive , Window.Left , Window.LogicalChildren , Window.OwnedWindows , Window.Owner , Window.ResizeMode , Window.RestoreBounds , Window.ShowActivated , Window.ShowInTaskbar , Window.SizeToContent , Window.TaskbarItemInfo ,

Window.ThemeMode , Window.Title , Window.Top , Window.Topmost ,
Window.WindowStartupLocation , Window.WindowState , Window.WindowStyle ,
Window.Activated , Window.Closed , Window.Closing , Window.ContentRendered ,
Window.Deactivated , Window.DpiChanged , Window.LocationChanged ,
Window.SourceInitialized , Window.StateChanged , ContentControl.ContentProperty ,
ContentControl.ContentStringFormatProperty , ContentControl.ContentTemplateProperty ,
ContentControl.ContentTemplateSelectorProperty , ContentControl.HasContentProperty ,
ContentControl.AddChild(object) , ContentControl.AddText(string) ,
ContentControl.OnContentStringFormatChanged(string, string) ,
ContentControl.OnContentTemplateChanged(DataTemplate, DataTemplate) ,
ContentControl.OnContentTemplateSelectorChanged(DataTemplateSelector, DataTemplateSelector) ,
ContentControl.Content , ContentControl.ContentStringFormat , ContentControl.ContentTemplate ,
ContentControl.ContentTemplateSelector , ContentControl.HasContent ,
Control.BackgroundProperty , Control.BorderBrushProperty , Control.BorderThicknessProperty ,
Control.FontFamilyProperty , Control.FontSizeProperty , Control.FontStretchProperty ,
Control.FontStyleProperty , Control.FontWeightProperty , Control.ForegroundProperty ,
Control.HorizontalContentAlignmentProperty , Control.IsTabStopProperty ,
Control.MouseDoubleClickEvent , Control.PaddingProperty ,
Control.PreviewMouseDoubleClickEvent , Control.TabIndexProperty , Control.TemplateProperty ,
Control.VerticalContentAlignmentProperty , Control.OnMouseDoubleClick(MouseButtonEventArgs) ,
Control.OnPreviewMouseDoubleClick(MouseButtonEventArgs) ,
Control.OnTemplateChanged(ControlTemplate, ControlTemplate) , Control.ToString() ,
Control.Background , Control.BorderBrush , Control.BorderThickness , Control.FontFamily ,
Control.FontSize , Control.FontStretch , Control.FontStyle , Control.FontWeight ,
Control.Foreground , Control.HandlesScrolling , Control.HorizontalContentAlignment ,
Control.IsTabStop , Control.Padding , Control.TabIndex , Control.Template ,
Control.VerticalContentAlignment , Control.MouseDoubleClick ,
Control.PreviewMouseDoubleClick , FrameworkElement.ActualHeightProperty ,
FrameworkElement.ActualWidthProperty , FrameworkElement.BindingGroupProperty ,
FrameworkElement.ContextMenuClosingEvent , FrameworkElement.ContextMenuOpeningEvent ,
FrameworkElement.ContextMenuProperty , FrameworkElement.CursorProperty ,
FrameworkElement.DataContextProperty , FrameworkElement.DefaultStyleKeyProperty ,
FrameworkElement.FlowDirectionProperty , FrameworkElement.FocusVisualStyleProperty ,
FrameworkElement.ForceCursorProperty , FrameworkElement.HeightProperty ,
FrameworkElement.HorizontalAlignmentProperty , FrameworkElement.InputScopeProperty ,
FrameworkElement.LanguageProperty , FrameworkElement.LayoutTransformProperty ,
FrameworkElement.LoadedEvent , FrameworkElement.MarginProperty ,
FrameworkElement.MaxHeightProperty , FrameworkElement.MaxWidthProperty ,
FrameworkElement.MinHeightProperty , FrameworkElement.MinWidthProperty ,
FrameworkElement.NameProperty , FrameworkElement.OverridesDefaultStyleProperty ,

FrameworkElement.RequestBringIntoViewEvent , FrameworkElement.SizeChangedEvent ,
FrameworkElement.StyleProperty , FrameworkElement.TagProperty ,
FrameworkElement.ToolTipClosingEvent , FrameworkElement.ToolTipOpeningEvent ,
FrameworkElement.ToolTipProperty , FrameworkElement.UnloadedEvent ,
FrameworkElement.UseLayoutRoundingProperty , FrameworkElement.VerticalAlignmentProperty ,
FrameworkElement.WidthProperty , FrameworkElement.AddLogicalChild(object) ,
FrameworkElement.ApplyTemplate() , FrameworkElement.ArrangeCore(Rect) ,
FrameworkElement.BeginInit() , FrameworkElement.BeginStoryboard(Storyboard) ,
FrameworkElement.BeginStoryboard(Storyboard, HandoffBehavior) ,
FrameworkElement.BeginStoryboard(Storyboard, HandoffBehavior, bool) ,
FrameworkElement.BringIntoView() , FrameworkElement.BringIntoView(Rect) ,
FrameworkElement.EndInit() , FrameworkElement.FindName(string) ,
FrameworkElement.FindResource(object) ,
FrameworkElement.GetBindingExpression(DependencyProperty) ,
FrameworkElement.GetFlowDirection(DependencyObject) , FrameworkElement.GetLayoutClip(Size) ,
FrameworkElement.GetTemplateChild(string) , FrameworkElement.GetUIParentCore() ,
FrameworkElement.GetVisualChild(int) , FrameworkElement.MeasureCore(Size) ,
FrameworkElement.MoveFocus(TraversalRequest) , FrameworkElement.OnApplyTemplate() ,
FrameworkElement.OnContextMenuClosing(ContextMenuEventArgs) ,
FrameworkElement.OnContextMenuOpening(ContextMenuEventArgs) ,
FrameworkElement.OnGotFocus(RoutedEventArgs) , FrameworkElement.OnInitialized(EventArgs) ,
FrameworkElement.OnPropertyChanged(DependencyPropertyChangedEventArgs) ,
FrameworkElement.OnRenderSizeChanged(SizeChangedInfo) ,
FrameworkElement.OnStyleChanged(Style, Style) ,
FrameworkElement.OnToolTipClosing(ToolTipEventArgs) ,
FrameworkElement.OnToolTipOpening(ToolTipEventArgs) ,
FrameworkElement.ParentLayoutInvalidated(UIElement) ,
FrameworkElement.PredictFocus(FocusNavigationDirection) ,
FrameworkElement.RegisterName(string, object) , FrameworkElement.RemoveLogicalChild(object) ,
FrameworkElement.SetBinding(DependencyProperty, string) ,
FrameworkElement.SetBinding(DependencyProperty, BindingBase) ,
FrameworkElement.SetFlowDirection(DependencyObject, FlowDirection) ,
FrameworkElement.SetResourceReference(DependencyProperty, object) ,
FrameworkElement.TryFindResource(object) , FrameworkElement.UnregisterName(string) ,
FrameworkElement.UpdateDefaultStyle() , FrameworkElement.ActualHeight ,
FrameworkElement.ActualWidth , FrameworkElement.BindingGroup ,
FrameworkElement.ContextMenu , FrameworkElement.Cursor , FrameworkElement.DataContext ,
FrameworkElement.DefaultStyleKey , FrameworkElement.FlowDirection ,
FrameworkElement.FocusVisualStyle , FrameworkElement.ForceCursor , FrameworkElement.Height ,
FrameworkElement.HorizontalAlignment , FrameworkElement.InheritanceBehavior ,

FrameworkElement.InputScope , FrameworkElement.IsInitialized , FrameworkElement.IsLoaded ,
FrameworkElement.Language , FrameworkElement.LayoutTransform , FrameworkElement.Margin ,
FrameworkElement.MaxHeight , FrameworkElement.MaxWidth , FrameworkElement.MinHeight ,
FrameworkElement.MinWidth , FrameworkElement.Name ,
FrameworkElement.OverridesDefaultStyle , FrameworkElement.Parent ,
FrameworkElement.Resources , FrameworkElement.Style , FrameworkElement.Tag ,
FrameworkElement.TemplatedParent , FrameworkElement.ToolTip , FrameworkElement.Triggers ,
FrameworkElement.UseLayoutRounding , FrameworkElement.VerticalAlignment ,
FrameworkElement.VisualChildrenCount , FrameworkElement.Width ,
FrameworkElement.ContextMenuClosing , FrameworkElement.ContextMenuOpening ,
FrameworkElement.DataContextChanged , FrameworkElement.Initialized ,
FrameworkElement.Loaded , FrameworkElement.RequestBringIntoView ,
FrameworkElement.SizeChanged , FrameworkElement.SourceUpdated ,
FrameworkElement.TargetUpdated , FrameworkElement.ToolTipClosing ,
FrameworkElement.ToolTipOpening , FrameworkElement.Unloaded ,
UIElement.AllowDropProperty , UIElement.AreAnyTouchesCapturedProperty ,
UIElement.AreAnyTouchesCapturedWithinProperty , UIElement.AreAnyTouchesDirectlyOverProperty ,
UIElement.AreAnyTouchesOverProperty , UIElement.BitmapEffectInputProperty ,
UIElement.BitmapEffectProperty , UIElement.CacheModeProperty , UIElement.ClipProperty ,
UIElement.ClipToBoundsProperty , UIElement.DragEnterEvent , UIElement.DragLeaveEvent ,
UIElement.DragOverEvent , UIElement.DropEvent , UIElement.EffectProperty ,
UIElement.FocusableProperty , UIElement.GiveFeedbackEvent , UIElement.GotFocusEvent ,
UIElement.GotKeyboardFocusEvent , UIElement.GotMouseCaptureEvent ,
UIElement.GotStylusCaptureEvent , UIElement.GotTouchCaptureEvent ,
UIElement.IsEnabledProperty , UIElement.IsFocusedProperty , UIElement.IsHitTestVisibleProperty ,
UIElement.IsKeyboardFocusedProperty , UIElement.IsKeyboardFocusWithinProperty ,
UIElement.IsManipulationEnabledProperty , UIElement.IsMouseCapturedProperty ,
UIElement.IsMouseCaptureWithinProperty , UIElement.IsMouseDirectlyOverProperty ,
UIElement.IsMouseOverProperty , UIElement.IsStylusCapturedProperty ,
UIElement.IsStylusCaptureWithinProperty , UIElement.IsStylusDirectlyOverProperty ,
UIElement.IsStylusOverProperty , UIElement.IsVisibleProperty , UIElement.KeyDownEvent ,
UIElement.KeyUpEvent , UIElement.LostFocusEvent , UIElement.LostKeyboardFocusEvent ,
UIElement.LostMouseCaptureEvent , UIElement.LostStylusCaptureEvent ,
UIElement.LostTouchCaptureEvent , UIElement.ManipulationBoundaryFeedbackEvent ,
UIElement.ManipulationCompletedEvent , UIElement.ManipulationDeltaEvent ,
UIElement.ManipulationInertiaStartingEvent , UIElement.ManipulationStartedEvent ,
UIElement.ManipulationStartingEvent , UIElement.MouseDownEvent , UIElement.MouseEnterEvent ,
UIElement.MouseLeaveEvent , UIElement.MouseLeftButtonDownEvent ,
UIElement.MouseLeftButtonUpEvent , UIElement.MouseMoveEvent ,
UIElement.MouseRightButtonDownEvent , UIElement.MouseRightButtonUpEvent ,

UIElement.MouseUpEvent , UIElement.MouseWheelEvent , UIElement.OpacityMaskProperty ,
UIElement.OpacityProperty , UIElement.PreviewDragEnterEvent ,
UIElement.PreviewDragLeaveEvent , UIElement.PreviewDragOverEvent ,
UIElement.PreviewDropEvent , UIElement.PreviewGiveFeedbackEvent ,
UIElement.PreviewGotKeyboardFocusEvent , UIElement.PreviewKeyDownEvent ,
UIElement.PreviewKeyUpEvent , UIElement.PreviewLostKeyboardFocusEvent ,
UIElement.PreviewMouseDownEvent , UIElement.PreviewMouseLeftButtonDownEvent ,
UIElement.PreviewMouseLeftButtonUpEvent , UIElement.PreviewMouseMoveEvent ,
UIElement.PreviewMouseRightButtonDownEvent , UIElement.PreviewMouseRightButtonUpEvent ,
UIElement.PreviewMouseUpEvent , UIElement.PreviewMouseWheelEvent ,
UIElement.PreviewQueryContinueDragEvent , UIElement.PreviewStylusButtonDownEvent ,
UIElement.PreviewStylusButtonUpEvent , UIElement.PreviewStylusDownEvent ,
UIElement.PreviewStylusInAirMoveEvent , UIElement.PreviewStylusInRangeEvent ,
UIElement.PreviewStylusMoveEvent , UIElement.PreviewStylusOutOfRangeEvent ,
UIElement.PreviewStylusSystemGestureEvent , UIElement.PreviewStylusUpEvent ,
UIElement.PreviewTextInputEvent , UIElement.PreviewTouchDownEvent ,
UIElement.PreviewTouchMoveEvent , UIElement.PreviewTouchUpEvent ,
UIElement.QueryContinueDragEvent , UIElement.QueryCursorEvent ,
UIElement.RenderTransformOriginProperty , UIElement.RenderTransformProperty ,
UIElement.SnapsToDevicePixelsProperty , UIElement.StylusButtonDownEvent ,
UIElement.StylusButtonUpEvent , UIElement.StylusDownEvent , UIElement.StylusEnterEvent ,
UIElement.StylusInAirMoveEvent , UIElement.StylusInRangeEvent , UIElement.StylusLeaveEvent ,
UIElement.StylusMoveEvent , UIElement.StylusOutOfRangeEvent ,
UIElement.StylusSystemGestureEvent , UIElement.StylusUpEvent , UIElement.TextInputEvent ,
UIElement.TouchDownEvent , UIElement.TouchEnterEvent , UIElement.TouchLeaveEvent ,
UIElement.TouchMoveEvent , UIElement.TouchUpEvent , UIElement.UidProperty ,
UIElement.VisibilityProperty , UIElement.AddHandler(RoutedEvent, Delegate) ,
UIElement.AddHandler(RoutedEvent, Delegate, bool) ,
UIElement.AddToEventRoute(EventRoute, RoutedEventArgs) ,
UIElement.ApplyAnimationClock(DependencyProperty, AnimationClock) ,
UIElement.ApplyAnimationClock(DependencyProperty, AnimationClock, HandoffBehavior) ,
UIElement.Arrange(Rect) , UIElement.BeginAnimation(DependencyProperty, AnimationTimeline) ,
UIElement.BeginAnimation(DependencyProperty, AnimationTimeline, HandoffBehavior) ,
UIElement.CaptureMouse() , UIElement.CaptureStylus() , UIElement.CaptureTouch(TouchDevice) ,
UIElement.Focus() , UIElement.GetAnimationBaseValue(DependencyProperty) ,
UIElement.HitTestCore(GeometryHitTestParameters) , UIElement.HitTestCore(PointHitTestParameters) ,
UIElement.InputHitTest(Point) , UIElement.InvalidateArrange() , UIElement.InvalidateMeasure() ,
UIElement.InvalidateVisual() , UIElement.Measure(Size) ,
UIElement.OnAccessKey(AccessKeyEventArgs) , UIElement.OnChildDesiredSizeChanged(UIElement) ,
UIElement.OnDragEnter(DragEventArgs) , UIElement.OnDragLeave(DragEventArgs) ,

UIElement.OnDragOver(DragEventArgs) , UIElement.OnDrop(DragEventArgs) ,
UIElement.OnGiveFeedback(GiveFeedbackEventArgs) ,
UIElement.OnGotKeyboardFocus(KeyboardFocusChangedEventArgs) ,
UIElement.OnGotMouseCapture(MouseEventArgs) ,
UIElement.OnGotStylusCapture(StylusEventArgs) , UIElement.OnGotTouchCapture(TouchEventArgs) ,
UIElement.OnIsKeyboardFocusedChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsKeyboardFocusWithinChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsMouseCapturedChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsMouseCaptureWithinChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsMouseDirectlyOverChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsStylusCapturedChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsStylusCaptureWithinChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnIsStylusDirectlyOverChanged(DependencyPropertyChangedEventArgs) ,
UIElement.OnKeyDown(KeyEventArgs) , UIElement.OnKeyUp(KeyEventArgs) ,
UIElement.OnLostFocus(RoutedEventArgs) ,
UIElement.OnLostKeyboardFocus(KeyboardFocusChangedEventArgs) ,
UIElement.OnLostMouseCapture(MouseEventArgs) ,
UIElement.OnLostStylusCapture(StylusEventArgs) , UIElement.OnLostTouchCapture(TouchEventArgs) ,
UIElement.OnManipulationCompleted(ManipulationCompletedEventArgs) ,
UIElement.OnManipulationDelta(ManipulationDeltaEventArgs) ,
UIElement.OnManipulationInertiaStarting(ManipulationInertiaStartingEventArgs) ,
UIElement.OnManipulationStarted(ManipulationStartedEventArgs) ,
UIElement.OnManipulationStarting(ManipulationStartingEventArgs) ,
UIElement.OnMouseDown(MouseButtonEventArgs) , UIElement.OnMouseEnter(MouseEventArgs) ,
UIElement.OnMouseLeave(MouseEventArgs) ,
UIElement.OnMouseLeftButtonDown(MouseButtonEventArgs) ,
UIElement.OnMouseLeftButtonUp(MouseButtonEventArgs) ,
UIElement.OnMouseMove(MouseEventArgs) ,
UIElement.OnMouseRightButtonDown(MouseButtonEventArgs) ,
UIElement.OnMouseRightButtonUp(MouseButtonEventArgs) ,
UIElement.OnMouseUp(MouseButtonEventArgs) ,
UIElement.OnMouseWheel(MouseWheelEventArgs) ,
UIElement.OnPreviewDragEnter(DragEventArgs) , UIElement.OnPreviewDragLeave(DragEventArgs) ,
UIElement.OnPreviewDragOver(DragEventArgs) , UIElement.OnPreviewDrop(DragEventArgs) ,
UIElement.OnPreviewGiveFeedback(GiveFeedbackEventArgs) ,
UIElement.OnPreviewGotKeyboardFocus(KeyboardFocusChangedEventArgs) ,
UIElement.OnPreviewKeyDown(KeyEventArgs) , UIElement.OnPreviewKeyUp(KeyEventArgs) ,
UIElement.OnPreviewLostKeyboardFocus(KeyboardFocusChangedEventArgs) ,
UIElement.OnPreviewMouseDown(MouseButtonEventArgs) ,
UIElement.OnPreviewMouseLeftButtonDown(MouseButtonEventArgs) ,

UIElement.OnPreviewMouseLeftButtonUp(MouseButtonEventArgs) ,
UIElement.OnPreviewMouseMove(MouseEventArgs) ,
UIElement.OnPreviewMouseRightButtonDown(MouseButtonEventArgs) ,
UIElement.OnPreviewMouseRightButtonUp(MouseButtonEventArgs) ,
UIElement.OnPreviewMouseUp(MouseButtonEventArgs) ,
UIElement.OnPreviewMouseWheel(MouseWheelEventArgs) ,
UIElement.OnPreviewQueryContinueDrag(QueryContinueDragEventArgs) ,
UIElement.OnPreviewStylusButtonDown(StylusButtonEventArgs) ,
UIElement.OnPreviewStylusButtonUp(StylusButtonEventArgs) ,
UIElement.OnPreviewStylusDown(StylusDownEventArgs) ,
UIElement.OnPreviewStylusInAirMove(StylusEventArgs) ,
UIElement.OnPreviewStylusInRange(StylusEventArgs) ,
UIElement.OnPreviewStylusMove(StylusEventArgs) ,
UIElement.OnPreviewStylusOutOfRange(StylusEventArgs) ,
UIElement.OnPreviewStylusSystemGesture(StylusSystemGestureEventArgs) ,
UIElement.OnPreviewStylusUp(StylusEventArgs) ,
UIElement.OnPreviewTextInput(TextCompositionEventArgs) ,
UIElement.OnPreviewTouchDown(TouchEventArgs) ,
UIElement.OnPreviewTouchMove(TouchEventArgs) , UIElement.OnPreviewTouchUp(TouchEventArgs) ,
UIElement.OnQueryContinueDrag(QueryContinueDragEventArgs) ,
UIElement.OnQueryCursor(QueryCursorEventArgs) , UIElement.OnRender(DrawingContext) ,
UIElement.OnStylusButtonDown(StylusButtonEventArgs) ,
UIElement.OnStylusButtonUp(StylusButtonEventArgs) ,
UIElement.OnStylusDown(StylusDownEventArgs) , UIElement.OnStylusEnter(StylusEventArgs) ,
UIElement.OnStylusInAirMove(StylusEventArgs) , UIElement.OnStylusInRange(StylusEventArgs) ,
UIElement.OnStylusLeave(StylusEventArgs) , UIElement.OnStylusMove(StylusEventArgs) ,
UIElement.OnStylusOutOfRange(StylusEventArgs) ,
UIElement.OnStylusSystemGesture(StylusSystemGestureEventArgs) ,
UIElement.OnStylusUp(StylusEventArgs) , UIElement.OnTextInput(TextCompositionEventArgs) ,
UIElement.OnTouchDown(TouchEventArgs) , UIElement.OnTouchEnter(TouchEventArgs) ,
UIElement.OnTouchLeave(TouchEventArgs) , UIElement.OnTouchMove(TouchEventArgs) ,
UIElement.OnTouchUp(TouchEventArgs) , UIElement.RaiseEvent(RoutedEventArgs) ,
UIElement.ReleaseAllTouchCaptures() , UIElement.ReleaseMouseCapture() ,
UIElement.ReleaseStylusCapture() , UIElement.ReleaseTouchCapture(TouchDevice) ,
UIElement.RemoveHandler(RoutedEvent, Delegate) , UIElement.TranslatePoint(Point, UIElement) ,
UIElement.UpdateLayout() , UIElement.AllowDrop , UIElement.AreAnyTouchesCaptured ,
UIElement.AreAnyTouchesCapturedWithin , UIElement.AreAnyTouchesDirectlyOver ,
UIElement.AreAnyTouchesOver , UIElement.BitmapEffect , UIElement.BitmapEffectInput ,
UIElement.CacheMode , UIElement.Clip , UIElement.ClipToBounds ,
UIElement.CommandBindings , UIElement.DesiredSize , UIElement.Effect , UIElement.Focusable ,

UIElement.HasAnimatedProperties , UIElement.HasEffectiveKeyboardFocus ,
UIElement.InputBindings , UIElement.IsArrangeValid , UIElement.IsEnabled ,
UIElement.IsEnabledCore , UIElement.IsFocused , UIElement.IsHitTestVisible ,
UIElement.IsInputMethodEnabled , UIElement.IsKeyboardFocused ,
UIElement.IsKeyboardFocusWithin , UIElement.IsManipulationEnabled , UIElement.IsMeasureValid ,
UIElement.IsMouseCaptured , UIElement.IsMouseCaptureWithin , UIElement.IsMouseDirectlyOver ,
UIElement.IsMouseOver , UIElement.IsStylusCaptured , UIElement.IsStylusCaptureWithin ,
UIElement.IsStylusDirectlyOver , UIElement.IsStylusOver , UIElement.IsVisible , UIElement.Opacity ,
UIElement.OpacityMask , UIElement.PersistId , UIElement.RenderSize ,
UIElement.RenderTransform , UIElement.RenderTransformOrigin , UIElement.SnapsToDevicePixels ,
UIElement.StylusPlugIns , UIElement.TouchesCaptured , UIElement.TouchesCapturedWithin ,
UIElement.TouchesDirectlyOver , UIElement.TouchesOver , UIElement.Uid , UIElement.Visibility ,
UIElement.DragEnter , UIElement.DragLeave , UIElement.DragOver , UIElement.Drop ,
UIElement.FocusableChanged , UIElement.GiveFeedback , UIElement.GotFocus ,
UIElement.GotKeyboardFocus , UIElement.GotMouseCapture , UIElement.GotStylusCapture ,
UIElement.GotTouchCapture , UIElement.IsEnabledChanged , UIElement.IsHitTestVisibleChanged ,
UIElement.IsKeyboardFocusedChanged , UIElement.IsKeyboardFocusWithinChanged ,
UIElement.IsMouseCapturedChanged , UIElement.IsMouseCaptureWithinChanged ,
UIElement.IsMouseDirectlyOverChanged , UIElement.IsStylusCapturedChanged ,
UIElement.IsStylusCaptureWithinChanged , UIElement.IsStylusDirectlyOverChanged ,
UIElement.IsVisibleChanged , UIElement.KeyDown , UIElement.KeyUp ,
UIElement.LayoutUpdated , UIElement.LostFocus , UIElement.LostKeyboardFocus ,
UIElement.LostMouseCapture , UIElement.LostStylusCapture , UIElement.LostTouchCapture ,
UIElement.ManipulationBoundaryFeedback , UIElement.ManipulationCompleted ,
UIElement.ManipulationDelta , UIElement.ManipulationInertiaStarting ,
UIElement.ManipulationStarted , UIElement.ManipulationStarting , UIElement.MouseDown ,
UIElement.MouseEnter , UIElement.MouseLeave , UIElement.MouseLeftButtonDown ,
UIElement.MouseLeftButtonUp , UIElement.MouseMove , UIElement.MouseRightButtonDown ,
UIElement.MouseRightButtonUp , UIElement.MouseUp , UIElement.MouseWheel ,
UIElement.PreviewDragEnter , UIElement.PreviewDragLeave , UIElement.PreviewDragOver ,
UIElement.PreviewDrop , UIElement.PreviewGiveFeedback , UIElement.PreviewGotKeyboardFocus ,
UIElement.PreviewKeyDown , UIElement.PreviewKeyUp , UIElement.PreviewLostKeyboardFocus ,
UIElement.PreviewMouseDown , UIElement.PreviewMouseLeftButtonDown ,
UIElement.PreviewMouseLeftButtonUp , UIElement.PreviewMouseMove ,
UIElement.PreviewMouseRightButtonDown , UIElement.PreviewMouseRightButtonUp ,
UIElement.PreviewMouseUp , UIElement.PreviewMouseWheel ,
UIElement.PreviewQueryContinueDrag , UIElement.PreviewStylusButtonDown ,
UIElement.PreviewStylusButtonUp , UIElement.PreviewStylusDown ,
UIElement.PreviewStylusInAirMove , UIElement.PreviewStylusInRange ,
UIElement.PreviewStylusMove , UIElement.PreviewStylusOutOfRange ,

UIElement.PreviewStylusSystemGesture, UIElement.PreviewStylusUp, UIElement.PreviewTextInput, UIElement.PreviewTouchDown, UIElement.PreviewTouchMove, UIElement.PreviewTouchUp, UIElement.QueryContinueDrag, UIElement.QueryCursor, UIElement.StylusButtonDown, UIElement.StylusButtonUp, UIElement.StylusDown, UIElement.StylusEnter, UIElement.StylusInAirMove, UIElement.StylusInRange, UIElement.StylusLeave, UIElement.StylusMove, UIElement.StylusOutOfRange, UIElement.StylusSystemGesture, UIElement.StylusUp, UIElement.TextInput, UIElement.TouchDown, UIElement.TouchEnter, UIElement.TouchLeave, UIElement.TouchMove, UIElement.TouchUp, Visual.AddVisualChild(Visual), Visual.FindCommonVisualAncestor(DependencyObject), Visual.IsAncestorOf(DependencyObject), Visual.IsDescendantOf(DependencyObject), Visual.PointFromScreen(Point), Visual.PointToScreen(Point), Visual.RemoveVisualChild(Visual), Visual.TransformToAncestor(Visual3D), Visual.TransformToAncestor(Visual), Visual.TransformToDescendant(Visual), Visual.TransformToVisual(Visual), Visual.VisualBitmapEffect, Visual.VisualBitmapEffectInput, Visual.VisualBitmapScalingMode, Visual.VisualCacheMode, Visual.VisualClearTypeHint, Visual.VisualClip, Visual.VisualEdgeMode, Visual.VisualEffect, Visual.VisualOffset, Visual.VisualOpacity, Visual.VisualOpacityMask, Visual.VisualParent, Visual.VisualScrollableAreaClip, Visual.VisualTextHintingMode, Visual.VisualTextRenderingMode, Visual.VisualTransform, Visual.VisualXSnappingGuidelines, Visual.VisualYSnappingGuidelines, DependencyObject.ClearValue(DependencyProperty), DependencyObject.ClearValue(DependencyPropertyKey), DependencyObject.CoerceValue(DependencyProperty), DependencyObject.Equals(object), DependencyObject.GetHashCode(), DependencyObject.GetLocalValueEnumerator(), DependencyObject.GetValue(DependencyProperty), DependencyObject.InvalidateProperty(DependencyProperty), DependencyObject.ReadLocalValue(DependencyProperty), DependencyObject.SetCurrentValue(DependencyProperty, object), DependencyObject.SetValue(DependencyProperty, object), DependencyObject.SetValue(DependencyPropertyKey, object), DependencyObject.ShouldSerializeProperty(DependencyProperty), DependencyObject.DependencyObjectType, DependencyObject.IsSealed, DispatcherObject.Dispatcher, object.Equals(object, object), object.GetType(), object.MemberwiseClone(), object.ReferenceEquals(object, object)

Constructors

SettingsWindow(FilterSettings, IEnumerable<RuleSummary>)

```
public SettingsWindow(FilterSettings settings, IEnumerable<RuleSummary> rules)
```

Parameters

`settings` FilterSettings

`rules` IEnumerable<RuleSummary>

Methods

InitializeComponent()

InitializeComponent

```
public void InitializeComponent()
```