Foundation / AttributeScopes

Enumeration

AttributeScopes

Collections of attributes that system frameworks define.

iOS 15.0+ | iPadOS 15.0+ | Mac Catalyst 15.0+ | macOS 12.0+ | tvOS 15.0+ | visionOS 1.0+ | watchOS 8.0+

```
@frozen
enum AttributeScopes
```

Overview

Attribute scopes define groups of attributes appropriate for use with attributed strings in a certain domain. Attribute definitions contain a name, value type, and encode/decode methods to support serialization.

For example, the AttributeScopes.FoundationAttributes scope provides an attribute type for a link to a URL, AttributeScopes.FoundationAttributes.LinkAttribute, along with a property to access this type, link. Because AttributeScopes.Foundation Attributes implements AttributeDynamicLookup, you can access the link attribute by name, as this example shows:

```
var attrStr = AttributedString("Example site")
attrStr.link = URL(string: "http://example.com")
```

Topics

Foundation-Defined Attributes

var foundation: `AttributeScopes.FoundationAttributes.Type`

A property for accessing the attribute scopes that Foundation defines.

struct `FoundationAttributes`

Attribute scopes that Foundation defines.

SwiftUI-Defined Attributes

var swiftUI: `AttributeScopes.SwiftUIAttributes.Type`

A property for accessing the attribute scopes that SwiftUI defines.

struct `SwiftUIAttributes`

Attribute scopes that SwiftUI defines.

UIKit-Defined Attributes

var uiKit: `AttributeScopes.UIKitAttributes.Type`

A property for accessing the attribute scopes that UIKit defines.

struct `UIKitAttributes`

Attribute scopes that UIKit defines.

AppKit-Defined Attributes

var appKit: `AttributeScopes.AppKitAttributes.Type`

A property for accessing the attribute scopes that AppKit defines.

struct `AppKitAttributes`

Attribute scopes that AppKit defines.

Structures

struct `AccessibilityAttributes`

struct `CoreTextAttributes`

A namespace for attributes defined by CoreText.

struct `SpeechAttributes`

Instance Properties

```
var accessibility: AttributeScopes.AccessibilityAttributes.Type
```

Relationships

Conforms To

```
BitwiseCopyable, Copyable
```

See Also

Using Defined Attributes

```
enum AttributeDynamicLookup
```
   A type to support dynamic member lookup of attributes and containers.

```
struct ScopedAttributeContainer
```
   An attribute container that allows dynamic member lookup of its contents within the specified attribute scope.