Protocol

URLRepresentableIntent

An app intent with a URL representation.

iOS 18.0+ | iPadOS 18.0+ | Mac Catalyst | macOS 15.0+ | tvOS 18.0+ | visionOS 2.0+ | watchOS 11.0+

```
protocol URLRepresentableIntent : AppIntent
```

Overview

Add support for `URLRepresentableIntent` to your app intents to add a URL representation. This allows Siri and Shortcuts to treat the intent like a universal link to specific content, allowing actions to open the URL or to make it sharable.

Note that you need to use a universal link for your URL representation, you can't use a custom URL scheme. For more information about universal links, see Allowing apps and websites to link to your content.

Topics

Type Aliases

```
typealias URLRepresentation
```

Type Properties

```
static var urlRepresentation: Self.URLRepresentation
```

Required Default implementations provided.

Relationships

Inherits From

```
AppIntent
PersistentlyIdentifiable
Sendable
SendableMetatype
```

Conforming Types

```
OpenURLIntent
```

See Also

Actions

`protocol` `AppIntent`

An interface for providing an app-specific capability that people invoke from system experiences like Siri and the Shortcuts app.

`protocol` `AudioPlaybackIntent`

An App Intent that plays, pauses, or otherwise modifies audio playback state when it executes.

`protocol` `AudioRecordingIntent`

An app intent that starts, stops or otherwise modifies audio recording state.

~~`protocol` `AudioStartingIntent`~~

An App Intent that plays, pauses, or otherwise modifies audio playback state when it executes.

`Deprecated`

`protocol` `CameraCaptureIntent`

Designates intent that will launch an activity that uses device's camera to capture photos or videos. Marking your intent with this protocol makes it available as a possible action for Camera quick action.

protocol DeleteIntent

Delete the associated entity(s).

protocol DeprecatedAppIntent

An app intent that marks an action as deprecated and informs people which action to use instead.

protocol ~~ForegroundContinuableIntent~~

A protocol you use for app intents which begin their work with the app in the background but may request to continue in the foreground.

`Deprecated`

protocol OpenIntent

Open the associated item.

struct OpenURLIntent

An intent that opens a universal link.

protocol PlayVideoIntent

An intent that looks for videos based on a search term, then plays the content.

protocol ProgressReportingIntent

An intent that reports progress to the system during its execution

protocol PushToTalkTransmissionIntent

An intent that begins or ends an audio transmission with the Push to Talk framework.

protocol SetValueIntent

An intent that contains a value which can be set.

protocol ShowInAppSearchResultsIntent

An app intent that takes a person to search results for a specified search term.