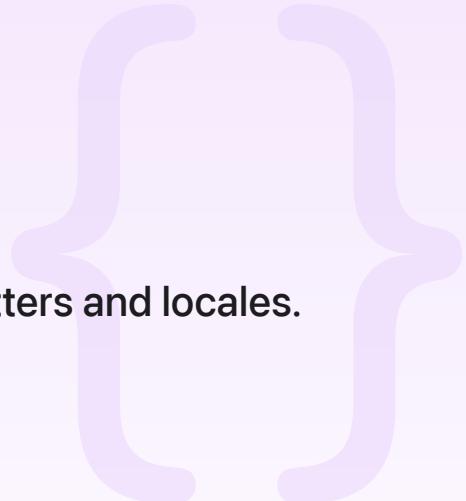Sample Code

Language Introspector

Converts data into human-readable text using formatters and locales.

Download

iOS 26.0+ | iPadOS 26.0+ | macOS 26.0+ | Xcode 26.0+

Overview

> **Note**
>
> This sample code project is associated with WWDC25 session 222: Enhance your app's multilingual experience.

See Also

Data formatting in Swift

`protocol FormatStyle`

A type that converts a given data type into a representation in another type, such as a string.

`struct IntegerFormatStyle`

A structure that converts between integer values and their textual representations.

`struct FloatingPointFormatStyle`

A structure that converts between floating-point values and their textual representations.

struct `FormatStyle`

A structure that converts between decimal values and their textual representations.

struct `ListFormatStyle`

A type that formats lists of items with a separator and conjunction appropriate for a given locale.

struct `StringStyle`

struct `FormatStyle`

A structure that converts between URL instances and their textual representations.

struct `FormatStyleCapitalizationContext`

The capitalization formatting context used when formatting dates and times.

≔ Format Style Configurations

Behaviors for traits like numeric precision, rounding, and scale, used for formatting and parsing numeric values.