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Protocol

DecodableWithConfiguration

A protocol for types that support decoding when supplied with an additional configuration type.

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

protocol DecodableWithConfiguration

Topics

Decoding

```
init(from: any Decoder, configuration: Self.DecodingConfiguration)
throws
```

Creates a new instance by retrieving the instance's data from the specified decoder with help from the provided configuration.

Required

Supporting Types

associatedtype DecodingConfiguration

The configuration type that assists in decoding.

Required

Relationships

Conforming Types

`AttributeContainer`

`AttributedString`

`Expression`

Conforms when each `Input` conforms to `Copyable`, each `Input` conforms to `Escapable`, `Output` conforms to `Copyable`, and `Output` conforms to `Escapable`.

`Predicate`

Conforms when each `Input` conforms to `Copyable` and `Escapable`.

See Also

Serializing Arbitrary Payloads

`typealias` `CodableWithConfiguration`

A type that can convert itself into and out of an external representation with the help of a configuration that handles encoding contained types.

`struct` `CodableConfiguration`

A property wrapper that makes a type codable, by supplying a configuration that provides additional information for serialization.

`protocol` `DecodingConfigurationProviding`

A protocol whose conformers provide a configuration instance to help decode types that don't support encoding by themselves.

`protocol` `EncodableWithConfiguration`

A protocol for types that support encoding when supplied with an additional configuration type.

`protocol` `EncodingConfigurationProviding`

A protocol whose conformers provide a configuration instance to help encode types that don't support encoding by themselves.