

[Hummingbird](#) / URLEncodedFormDecoder

Structure

URLEncodedFormDecoder

The wrapper struct for decoding URL encoded form data to Codable classes

```
struct URLEncodedFormDecoder
```

Topics

Initializers

```
init(dateDecodingStrategy: URLEncodedFormDecoder.DateDecodingStrategy, userInfo: [CodingUserInfoKey : Sendable])
```

Create URLEncodedFormDecoder

Instance Properties

```
var dateDecodingStrategy: DateDecodingStrategy
```

The strategy to use in Encoding dates. Defaults to `.deferredToDate`.

```
var userInfo: [CodingUserInfoKey : Sendable]
```

Contextual user-provided information for use during encoding.

Instance Methods

```
func decode<T>(T.Type, from: String) throws -> T
```

Decode from URL encoded form data to type

Enumerations

```
enum DateDecodingStrategy
```

The strategy to use for decoding Date values.

Default Implementations

☰ RequestDecoder Implementations

Relationships

Conforms To

RequestDecoder, Swift.Copyable, Swift.Sendable

See Also

Encoding/Decoding

```
protocol RequestDecoder
```

protocol for decoder deserializing from a Request body

```
protocol ResponseEncoder
```

protocol for encoders generating a Response

```
protocol ResponseEncodable
```

Protocol for encodable object that can generate a response. The router will encode the response using the encoder stored in `Application.encoder`.

`protocol ResponseGenerator`

Object that can generate a Response.

`protocol ResponseCodable`

Protocol for codable object that can generate a response

`struct URLEncodedFormEncoder`

The wrapper struct for encoding Codable classes to URL encoded form data
