Enumeration

CryptoKitASN1Error

Errors from decoding ASN.1 content.

iOS 14.0+ | iPadOS 14.0+ | Mac Catalyst 14.0+ | macOS 11.0+ | tvOS 14.0+ | visionOS 1.0+ | watchOS 7.0+

```
enum CryptoKitASN1Error
```

Topics

Reporting errors

```
case invalidASN1IntegerEncoding
```

An ASN.1 integer doesn't use the minimum number of bytes for its encoding.

```
case invalidASN1Object
```

The format of the parsed ASN.1 object doesn't match the format required for the data type being decoded.

```
case invalidFieldIdentifier
```

The ASN.1 tag for this field is invalid or unsupported.

```
case invalidObjectIdentifier
```

An ASN.1 object identifier is invalid.

```
case invalidPEMDocument
```

The string doesn't parse as a PEM document.

```
case truncatedASN1Field
```

An ASN.1 field is truncated.

case `unexpectedFieldType`

The ASN.1 tag for the parsed field doesn't match the required format.

case `unsupportedFieldLength`

The encoding used for the field length is unsupported.

Relationships

Conforms To

```
Equatable
Error
Hashable
Sendable
SendableMetatype
```

See Also

Errors

enum `CryptoKitError`

General cryptography errors used by CryptoKit.