

[Apple CryptoKit / SHA3\\_512Digest](#)

## Structure

# SHA3\_512Digest

The output of a Secure Hashing Algorithm 3 (SHA-2) hash with a 512-bit digest.

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst 26.0+ | macOS 26.0+ | tvOS 26.0+ | visionOS 2.0+ | watchOS 26.0+

```
struct SHA3_512Digest
```

## Topics

### Instance Properties

```
var description: String
```

A human-readable description of the digest.

### Instance Methods

```
func hash(into: inout Hasher)
```

Hashes the essential components of the digest by feeding them into the given hash function.

### Type Properties

```
static var byteCount: Int
```

The number of bytes in the digest.

## Relationships

## Conforms To

ContiguousBytes  
Copyable  
CustomStringConvertible  
Digest  
Equatable  
Hashable  
Sendable  
SendableMetatype  
Sequence