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sha1

package

standard library

Version: [go1.20.1](#) **Latest** | Published: Feb 14, 2023 | License: [BSD-3-Clause](#) | Imports: 7 |Imported by: [44,528](#)

Details

- Valid [go.mod](#) file
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Documentation

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Overview

Package sha1 implements the SHA-1 hash algorithm as defined in [RFC 3174](#).

SHA-1 is cryptographically broken and should not be used for secure applications.

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Constants

[func New\(\) hash.Hash](#)[func Sum\(data \[\]byte\) \[Size\]byte](#)

Examples

[New](#)[New \(File\)](#)[Sum](#)

Constants

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```
const BlockSize = 64
```

The blocksize of SHA-1 in bytes.

[View Source](#)

```
const Size = 20
```

The size of a SHA-1 checksum in bytes.

Variables

This section is empty.

Functions

func New

```
func New() hash.Hash
```

New returns a new hash.Hash computing the SHA1 checksum. The Hash also implements encoding.BinaryMarshaler and encoding.BinaryUnmarshaler to marshal and unmarshal the internal state of the hash.

► [Example](#)

► [Example \(File\)](#)

func Sum

added in go1.2

```
func Sum(data []byte) [Size]byte
```

Sum returns the SHA-1 checksum of the data.

► [Example](#)

Types

This section is empty.



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