adler32 package standard library

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Overview

Package adler32 implements the Adler-32 checksum.

It is defined in RFC 1950:

```
Adler-32 is composed of two sums accumulated per byte: s1 is
the sum of all bytes, s2 is the sum of all s1 values. Both sums
are done modulo 65521. s1 is initialized to 1, s2 to zero.  The
Adler-32 checksum is stored as s2*65536 + s1 in most-
significant-byte first (network) order.
```

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Constants

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```
const Size = 4
```

The size of an Adler-32 checksum in bytes.

Variables

This section is empty.

Functions

func Checksum

```
func Checksum(data []byte) uint32
```

Checksum returns the Adler-32 checksum of data.

func New

```
func New() hash.Hash32
```

New returns a new hash.Hash32 computing the Adler-32 checksum. Its Sum method will lay the value out in big-endian byte order. The returned Hash32 also implements encoding.BinaryMarshaler and encoding.BinaryUnmarshaler to marshal and unmarshal the internal state of the hash.

Types

This section is empty.

Source Files

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