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package

standard library

Version: [go1.20.1](#) **Latest** | Published: Feb 14, 2023 | License: [BSD-3-Clause](#) | Imports: 3 |Imported by: [11,218](#)**Details** Valid [go.mod](#) file   Redistributable license   Tagged version  Stable version [Learn more](#)**Repository**[cs.opensource.google/go/go](https://cs.opensource.google/go/go)**Links** [Report a Vulnerability](#) Documentation <> **Documentation****Overview**

Package fnv implements FNV-1 and FNV-1a, non-cryptographic hash functions created by Glenn Fowler, Landon Curt Noll, and Phong Vo. See [https://en.wikipedia.org/wiki/Fowler-Noll-Vo\\_hash\\_function](https://en.wikipedia.org/wiki/Fowler-Noll-Vo_hash_function).

All the hash.Hash implementations returned by this package also implement encoding.BinaryMarshaler and encoding.BinaryUnmarshaler to marshal and unmarshal the internal state of the hash.

**Index**[func New128\(\) hash.Hash](#)[func New128a\(\) hash.Hash](#)[func New32\(\) hash.Hash32](#)[func New32a\(\) hash.Hash32](#)[func New64\(\) hash.Hash64](#)[func New64a\(\) hash.Hash64](#)**Constants**

This section is empty.

**Variables**

This section is empty.

**Functions**

## func **New128**

added in go1.9

```
func New128() hash.Hash
```

New128 returns a new 128-bit FNV-1 hash.Hash. Its Sum method will lay the value out in big-endian byte order.

## func **New128a**

added in go1.9

```
func New128a() hash.Hash
```

New128a returns a new 128-bit FNV-1a hash.Hash. Its Sum method will lay the value out in big-endian byte order.

## func **New32**

```
func New32() hash.Hash32
```

New32 returns a new 32-bit FNV-1 hash.Hash. Its Sum method will lay the value out in big-endian byte order.

## func **New32a**

```
func New32a() hash.Hash32
```

New32a returns a new 32-bit FNV-1a hash.Hash. Its Sum method will lay the value out in big-endian byte order.

## func **New64**

```
func New64() hash.Hash64
```

New64 returns a new 64-bit FNV-1 hash.Hash. Its Sum method will lay the value out in big-endian byte order.

## func **New64a**

```
func New64a() hash.Hash64
```

New64a returns a new 64-bit FNV-1a hash.Hash. Its Sum method will lay the value out in big-endian byte order.

## Types

This section is empty.



[fnv.go](#)

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