

# java.security.\* MessageDigest

## MessageDigestSpi

Object

Object clone () ↴

Other Protected Methods

- # byte[] engineDigest ()
- # int engineDigest (byte[] buf, int offset, int len) ↴
- # int engineGetDigestLength ()
- # void engineReset ()
- # void engineUpdate (byte input)
- # void engineUpdate (byte[] input, int offset, int len)

## MessageDigest

# MessageDigest (String algorithm)

Static Methods

- MessageDigest getInstance (String algorithm) ↴
- MessageDigest getInstance (String algorithm, String provider) ↴
- MessageDigest getInstance (String algorithm, Provider provider) ↴
- boolean isEqual (byte digesta[], byte digestb[])

Accessors

- String getAlgorithm ()
- int getDigestLength ()
- Provider getProvider ()

Object

- Object clone () ↴
- String toString ()

Other Public Methods

- byte[] digest ()
- byte[] digest (byte[] input)
- int digest (byte[] buf, int offset, int len) ↴
- void reset ()
- void update (byte input)
- void update (byte[] input)
- void update (byte[] input, int offset, int len)

 java.io. **InputStream**

 java.io. **FilterInputStream**

## DigestInputStream

DigestInputStream (InputStream stream, MessageDigest digest)

Accessors

- MessageDigest get / setMessageDigest ()

Object

- String toString ()

Other Public Methods

- void on (boolean on)
- int read () ↴
- int read (byte[] b, int off, int len) ↴

 java.io. **OutputStream**

 java.io. **FilterOutputStream**

## DigestOutputStream

DigestOutputStream (OutputStream stream, MessageDigest digest)

Accessors

- MessageDigest get / setMessageDigest ()

Object

- String toString ()

Other Public Methods

- void on (boolean on)
- void write (int b) ↴
- void write (byte[] b, int off, int len) ↴