

ost::CRC16Digest(3)

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NAME

ost::CRC16Digest –

A crc16 collection/computation hash accumulator class.

SYNOPSIS

#include <digest.h>

Inherits **ost::Digest**.**Public Member Functions**

```
CRC16Digest()
CRC16Digest (const CRC16Digest &crc)
virtual ~CRC16Digest ()
void initDigest (uint16 crc)
void initDigest (void)
unsigned getSize (void)
CRC16Digest & operator= (const CRC16Digest &right)
operator const uint16 () const
uint16 getDigest (void)
unsigned getDigest (unsigned char *buffer)
void putDigest (const unsigned char *buffer, unsigned length)
```

Protected Member Functions

```
int overflow (int c)
std::ostream & strDigest (std::ostream &os)
```

Detailed Description

A crc16 collection/computation hash accumulator class.

Author:

David Sugar <dyfet AT ostel DOT com> crc16 computation hash.

Constructor & Destructor Documentation

```
ost::CRC16Digest::CRC16Digest ()
ost::CRC16Digest::CRC16Digest (const CRC16Digest & crc)
virtual ost::CRC16Digest::~CRC16Digest () [inline, virtual]
```

Member Function Documentation

```
unsigned ost::CRC16Digest::getDigest (unsigned char * buffer) [virtual]
Implements ost::Digest.

uint16 ost::CRC16Digest::getDigest (void) [inline]
unsigned ost::CRC16Digest::getSize (void) [inline, virtual]
Implements ost::Digest.

void ost::CRC16Digest::initDigest (void) [inline, virtual]
Implements ost::Digest.

References initDigest().

Referenced by initDigest().

void ost::CRC16Digest::initDigest (uint16 crc) [inline]
ost::CRC16Digest::operator const uint16 () const [inline]
CRC16Digest& ost::CRC16Digest::operator= (const CRC16Digest & right)
int ost::CRC16Digest::overflow (int c) [protected]
void ost::CRC16Digest::putDigest (const unsigned char * buffer, unsigned length) [virtual]
Implements ost::Digest.

std::ostream& ost::CRC16Digest::strDigest (std::ostream & os) [protected, virtual]
Implements ost::Digest.
```

Author

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