

**NAME**

gnutls\_encode\_ber\_digest\_info - API function

**SYNOPSIS**

```
#include <gnutls/crypto.h>
```

```
int gnutls_encode_ber_digest_info(gnutls_digest_algorithm_t hash, const gnutls_datum_t * digest,  
gnutls_datum_t * output);
```

**ARGUMENTS**

gnutls\_digest\_algorithm\_t *hash*

the hash algorithm that was used to get the digest

const gnutls\_datum\_t \* *digest*

must contain the digest data

gnutls\_datum\_t \* *output*

will contain the allocated DigestInfo BER encoded data

**DESCRIPTION**

This function will encode the provided digest data, and its algorithm into an RSA PKCS1 1.5 DigestInfo structure.

**RETURNS**

On success, **GNUTLS\_E\_SUCCESS** (0) is returned, otherwise an error code is returned.

**SINCE**

3.5.0

**REPORTING BUGS**

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

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**SEE ALSO**

The full documentation for **gnutls** is maintained as a Texinfo manual. If the /usr/local/share/doc/gnutls/ directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>