

**NAME**

asn1\_der\_coding - API function

**SYNOPSIS**

```
#include <libtasn1.h>
```

```
int asn1_der_coding(asn1_node_const element, const char * name, void * nder, int * len, char *
ErrorDescription);
```

**ARGUMENTS**

asn1\_node\_const element

pointer to an ASN1 element

const char \* name

the name of the structure you want to encode (it must be inside \*POINTER).

void \* nder

vector that will contain the DER encoding. DER must be a pointer to memory cells already allocated.

int \* len

number of bytes of \* nder : nder [0].. nder [len-1], Initially holds the sizeof of der vector.

char \* ErrorDescription

return the error description or an empty string if success.

**DESCRIPTION**

Creates the DER encoding for the NAME structure (inside \*POINTER structure).

**RETURNS**

**ASN1\_SUCCESS** if DER encoding OK, **ASN1\_ELEMENT\_NOT\_FOUND** if *name* is not a valid element, **ASN1\_VALUE\_NOT\_FOUND** if there is an element without a value, **ASN1\_MEM\_ERROR** if the *nder* vector isn't big enough and in this case *len* will contain the length needed.

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**SEE ALSO**

The full documentation for **libtasn1** is maintained as a Texinfo manual. If the **info** and **libtasn1** programs are properly installed at your site, the command

**info libtasn1**

should give you access to the complete manual. As an alternative you may obtain the manual from:

**<https://www.gnu.org/software/libtasn1/manual/>**