

NAME

asn1_der_coding – API function

SYNOPSIS

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

```
int asn1_der_coding(asn1_node_const element, const char * name, void * ideo, 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 * ideo

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

int * len

number of bytes of * ideo : ideo [0].. ideo [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 *ideo* 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/
```