

# asn1\_der\_coding(3)

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asn1\_der\_coding(3) libtasn1 asn1\_der\_coding(3)

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## NAME

asn1\_der\_coding - API function

## SYNOPSIS

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

```
int asn1_der_coding(asn1_nodeelement, const char *name, void *ider,  
int *len, char *ErrorDescription);
```

## ARGUMENTS

**asn1\_node element** pointer to an ASN1 element

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

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

**int \* len** number of bytes of \* ider : ider [0].. ider [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 ider vector isn't big enough and in this case len will contain the length needed.

## COPYRIGHT

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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:

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