

NAME

asn1_der_decoding – API function

SYNOPSIS

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

```
int asn1_der_decoding(asn1_node * element, const void * ider, int ider_len, char * errorDescription);
```

ARGUMENTS

asn1_node * element

pointer to an ASN1 structure.

const void * ider

vector that contains the DER encoding.

int ider_len number of bytes of * ider : ider [0].. ider [len-1].

char * errorDescription

null-terminated string contains details when an error occurred.

DESCRIPTION

Fill the structure * *element* with values of a DER encoding string. The structure must just be created with function **asn1_create_element()**.

Note that the * *element* variable is provided as a pointer for historical reasons.

RETURNS

ASN1_SUCCESS if DER encoding OK, **ASN1_ELEMENT_NOT_FOUND** if *ELEMENT* is **NULL**, and **ASN1_TAG_ERROR** or **ASN1_DER_ERROR** if the der encoding doesn't match the structure name (* *ELEMENT* deleted).

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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/
```