

NAME

asn1_der_decoding_element - API function

SYNOPSIS

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

```
int asn1_der_decoding_element(asn1_node * structure, const char * elementName, const void * nder,
int len, char * errorDescription);
```

ARGUMENTS

asn1_node * structure

pointer to an ASN1 structure

const char * elementName

name of the element to fill

const void * nder

vector that contains the DER encoding of the whole structure.

int len

number of bytes of *der: der[0]..der[len-1]

char * errorDescription

null-terminated string contains details when an error occurred.

DESCRIPTION

Fill the element named *ELEMENTNAME* with values of a DER encoding string. The structure must just be created with function **asn1_create_element()**. The DER vector must contain the encoding string of the whole *STRUCTURE*. If an error occurs during the decoding procedure, the **STRUCTURE* is deleted and set equal to **NULL**.

This function is deprecated and may just be an alias to `asn1_der_decoding` in future versions. Use **asn1_der_decoding()** instead.

RETURNS

ASN1_SUCCESS if DER encoding OK, **ASN1_ELEMENT_NOT_FOUND** if *ELEMENT* is **NULL** or *elementName* == **NULL**, and **ASN1_TAG_ERROR** or **ASN1_DER_ERROR** if the der encoding doesn't match the structure *structure* (**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/>