asn1_der_decoding_element(3)

NAME

asn1_der_decoding_element - API function

SYNOPSIS

#include <libtasn1.h>

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

ARGUMENTS

asn1_node * structure pointer to an ASN1 structure

const char * elementName name of the element to fill

const void * ider 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:

 http://www.gnu.org/software/libtasn1/manual/

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