NAME

    asn1_der_decoding2 - API function

SYNOPSIS

    #include <libtasn1.h>

    int asn1_der_decoding2(asn1_node * *element***, const void *** *ider***, int *** *max_ider_len***, unsigned int** *flags***, char *** *errorDescription***);**

ARGUMENTS

    asn1_node * element

            pointer to an ASN1 structure.

    const void * ider

            vector that contains the DER encoding.

    int * max_ider_len

            pointer to an integer giving the information about the maximal number of bytes
            occupied by * *ider* . The real size of the DER encoding is returned through this pointer.

    unsigned int flags

            flags controlling the behaviour of the function.

    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()**.

    If **ASN1_DECODE_FLAG_ALLOW_PADDING** flag is set then the function will ignore padding after
    the decoded DER data. Upon a successful return the value of * *max_ider_len* will be set to the number
    of bytes decoded.

    If **ASN1_DECODE_FLAG_STRICT_DER** flag is set then the function will not decode any
    BER-encoded elements.

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).

COPYRIGHT

Copyright (C) 2006-2022 Free Software Foundation, Inc..

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved.

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/