

asn1_der_decoding_startEnd(3)

asn1_der_decoding_startEnd(3) libtasn1 asn1_der_decoding_startEnd(3)

NAME

asn1_der_decoding_startEnd - API function

SYNOPSIS

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

```
int  asn1_der_decoding_startEnd(asn1_nodeelement, const void
*ider, intider_len, const char *name_element, int *start, int *end);
```

ARGUMENTS

asn1_node element pointer to an ASN1 element

const void * ider vector that contains the DER encoding.

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

const char * name_element an element of NAME structure.

int * start the position of the first byte of NAME_ELEMENT decoding (ider [*start])

int * end the position of the last byte of NAME_ELEMENT decoding (ider [*end])

DESCRIPTION

Find the start and end point of an element in a DER encoding string. I mean that if you have a der encoding and you have already used the function **asn1_der_decoding()** to fill a structure, it may happen that you want to find the piece of string concerning an element of the structure.

One example is the sequence “tbsCertificate” inside an X509 certificate.

RETURNS

ASN1_SUCCESS if DER encoding OK, **ASN1_ELEMENT_NOT_FOUND** if ELEMENT is **asn1_node** EMPTY or name_element is not a valid element, **ASN1_TAG_ERROR** or **ASN1_DER_ERROR** if the der encoding doesn't match the structure ELEMENT.

COPYRIGHT

Copyright © 2006-2013 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:

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