

asn1_expand_octet_string(3)

asn1_expand_octet_string(3) libtasn1 asn1_expand_octet_string(3)

NAME

asn1_expand_octet_string - API function

SYNOPSIS

#include <libtasn1.h>

int **asn1_expand_octet_string**(asn1_nodedefinitions, **asn1_node**
***element**, **const char ***octetName, **const char ***objectName);

ARGUMENTS

asn1_node definitions ASN1 definitions

asn1_node * element pointer to an ASN1 structure

const char * octetName name of the OCTECT STRING field to expand.

const char * objectName name of the OBJECT IDENTIFIER field to use
to define the type for expansion.

DESCRIPTION

Expands an “OCTET STRING” element of a structure created from a DER decoding process (the **asn1_der_decoding()** function). The type used for expansion is the first one following the definition of the actual value of the OBJECT IDENTIFIER indicated by OBJECTNAME.

RETURNS

ASN1_SUCCESS if substitution OK, **ASN1_ELEMENT_NOT_FOUND** if objectName or octetName are not correct, **ASN1_VALUE_NOT_VALID** if it wasn't possible to find the type to use for expansion, or other errors depending on DER decoding.

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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/>