

NAME

asn1_expand_octet_string – API function

SYNOPSIS

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

```
int asn1_expand_octet_string(asn1_node_const definitions, asn1_node * element, const char * octet-  
Name, const char * objectName);
```

ARGUMENTS

asn1_node_const definitions

ASN1 definitions

asn1_node * element

pointer to an ASN1 structure

const char * octetName

name of the OCTET 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:

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