

NAME

asn1_encode_simple_der - API function

SYNOPSIS

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

```
int asn1_encode_simple_der(unsigned int etype, const unsigned char * str, unsigned int str_len,  
unsigned char * tl, unsigned int * tl_len);
```

ARGUMENTS

unsigned int *etype*

The type of the string to be encoded (ASN1_ETYPE_)

const unsigned char * *str*

the string data.

unsigned int *str_len*

the string length

unsigned char * *tl*

the encoded tag and length

unsigned int * *tl_len*

the bytes of the *tl* field

DESCRIPTION

Creates the DER encoding for various simple ASN.1 types like strings etc. It stores the tag and length in *tl* , which should have space for at least **ASN1_MAX_TL_SIZE** bytes. Initially *tl_len* should contain the size of *tl* .

The complete DER encoding should consist of the value in *tl* appended with the provided *str* .

RETURNS

ASN1_SUCCESS if successful or an error value.

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/>