

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.

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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/
```