

asn1\_encode\_simple\_der(3)

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## 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:

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