

asn1_parser2tree(3)

asn1_parser2tree(3) libtasn1 asn1_parser2tree(3)

NAME

asn1_parser2tree - API function

SYNOPSIS

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

```
int asn1_parser2tree(const char *file, asn1_node *definitions, char
*error_desc);
```

ARGUMENTS

const char * file specify the path and the name of file that contains ASN.1 declarations.

asn1_node * definitions return the pointer to the structure created from “file” ASN.1 declarations.

char * error_desc return the error description or an empty string if success.

DESCRIPTION

Function used to start the parse algorithm. Creates the structures needed to manage the definitions included in file file.

RETURNS

ASN1_SUCCESS if the file has a correct syntax and every identifier is known, **ASN1_ELEMENT_NOT_EMPTY** if definitions not **NULL**, **ASN1_FILE_NOT_FOUND** if an error occurred while opening file , **ASN1_SYNTAX_ERROR** if the syntax is not correct, **ASN1_IDENTIFIER_NOT_FOUND** if in the file there is an identifier that is not defined, **ASN1_NAME_TOO_LONG** if in the file there is an identifier which more than **ASN1_MAX_NAME_SIZE** characters.

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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/>