



Full credit is given to the above companies including the OS that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'ASN1_STRING_TABLE_get.3ossl'

\$ man ASN1_STRING_TABLE_get.3ossl

ASN1_STRING_TABLE_ADD(3ossl) OpenSSL ASN1_STRING_TABLE_ADD(3ossl)

NAME

ASN1_STRING_TABLE, ASN1_STRING_TABLE_add, ASN1_STRING_TABLE_get,
ASN1_STRING_TABLE_cleanup - ASN1_STRING_TABLE manipulation functions

SYNOPSIS

```
#include <openssl/asn1.h>

typedef struct asn1_string_table_st ASN1_STRING_TABLE;

int ASN1_STRING_TABLE_add(int nid, long minsize, long maxsize,
                          unsigned long mask, unsigned long flags);

ASN1_STRING_TABLE *ASN1_STRING_TABLE_get(int nid);

void ASN1_STRING_TABLE_cleanup(void);
```

DESCRIPTION

Types

ASN1_STRING_TABLE is a table which holds string information (basically minimum size, maximum size, type and etc) for a NID object.

Functions

ASN1_STRING_TABLE_add() adds a new ASN1_STRING_TABLE item into the local ASN1 string table based on the nid along with other parameters.

If the item is already in the table, fields of `ASN1_STRING_TABLE` are updated (depending on the values of those parameters, e.g., `minsize` and `maxsize >= 0`, `mask` and `flags != 0`). If the `nid` is standard, a copy of the standard `ASN1_STRING_TABLE` is created and updated with other parameters.

`ASN1_STRING_TABLE_get()` searches for an `ASN1_STRING_TABLE` item based on `nid`. It will search the local table first, then the standard one.

`ASN1_STRING_TABLE_cleanup()` frees all `ASN1_STRING_TABLE` items added by `ASN1_STRING_TABLE_add()`.

RETURN VALUES

`ASN1_STRING_TABLE_add()` returns 1 on success, 0 if an error occurred.

`ASN1_STRING_TABLE_get()` returns a valid `ASN1_STRING_TABLE` structure or `NULL` if nothing is found.

`ASN1_STRING_TABLE_cleanup()` does not return a value.

SEE ALSO

`ERR_get_error(3)`

COPYRIGHT

Copyright 2017-2020 The OpenSSL Project Authors. All Rights Reserved.

Licensed under the Apache License 2.0 (the "License"). You may not use this file except in compliance with the License. You can obtain a copy in the file `LICENSE` in the source distribution or at

<https://www.openssl.org/source/license.html>.

3.0.7 2023-07-13 `ASN1_STRING_TABLE_ADD(3oss)`