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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'ASN1\_STRING\_TABLE\_add.3ossl'***

***\$ man ASN1\_STRING\_TABLE\_add.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  $\geq 0$ , mask and flags  $\neq 0$ ). 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)

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