

NAME

`ASN1_STRING_new`, `ASN1_STRING_type_new`, `ASN1_STRING_free` - `ASN1_STRING` allocation functions

SYNOPSIS

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

```
ASN1_STRING * ASN1_STRING_new(void);  
ASN1_STRING * ASN1_STRING_type_new(int type);  
void ASN1_STRING_free(ASN1_STRING *a);
```

DESCRIPTION

`ASN1_STRING_new()` returns an allocated `ASN1_STRING` structure. Its type is undefined.

`ASN1_STRING_type_new()` returns an allocated `ASN1_STRING` structure of type `type`.

`ASN1_STRING_free()` frees up `a`.

NOTES

Other string types call the `ASN1_STRING` functions. For example `ASN1_OCTET_STRING_new()` calls `ASN1_STRING_type(V_ASN1_OCTET_STRING)`.

RETURN VALUES

`ASN1_STRING_new()` and `ASN1_STRING_type_new()` return a valid `ASN1_STRING` structure or `NULL` if an error occurred.

`ASN1_STRING_free()` does not return a value.

SEE ALSO

[*ERR_get_error\(3\)*](#)

HISTORY

TBA