

**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