

**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*. If *a* is NULL nothing is done.

**NOTES**

Other string types call the **ASN1\_STRING** functions. For example **ASN1\_OCTET\_STRING\_new()** calls **ASN1\_STRING\_type\_new(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)**

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