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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'ASN1_item_new_ex.3ossl' command

`$ man ASN1_item_new_ex.3ossl`

ASN1_ITEM_NEW(3ossl) OpenSSL ASN1_ITEM_NEW(3ossl)

NAME

ASN1_item_new_ex, ASN1_item_new - create new ASN.1 values

SYNOPSIS

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

```
ASN1_VALUE *ASN1_item_new_ex(const ASN1_ITEM *it, OSSL_LIB_CTX *libctx,  
                             const char *propq);
```

```
ASN1_VALUE *ASN1_item_new(const ASN1_ITEM *it);
```

DESCRIPTION

ASN1_item_new_ex() creates a new ASN1_VALUE structure based on the ASN1_ITEM template given in the it parameter. If any algorithm fetches are required during the process then they will use the OSSL_LIB_CTX provided in the libctx parameter and the property query string in propq. See "ALGORITHM FETCHING" in crypto(7) for more information about algorithm fetching.

ASN1_item_new() is the same as ASN1_item_new_ex() except that the default OSSL_LIB_CTX is used (i.e. NULL) and with a NULL property query string.

RETURN VALUES

ASN1_item_new_ex() and ASN1_item_new() return a pointer to the newly created ASN1_VALUE or NULL on error.

HISTORY

The function ASN1_item_new_ex() was added in OpenSSL 3.0.

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3.0.7 2023-07-13 ASN1_ITEM_NEW(3ossl)