



***Rocky Enterprise Linux 9.2 Manual Pages on command 'PKCS12\_add1\_attr\_by\_NID.3oss1'***

***\$ man PKCS12\_add1\_attr\_by\_NID.3oss1***

PKCS12\_ADD1\_ATTR\_BY\_NID(3oss1) OpenSSL PKCS12\_ADD1\_ATTR\_BY\_NID(3oss1)

**NAME**

PKCS12\_add1\_attr\_by\_NID, PKCS12\_add1\_attr\_by\_txt - Add an attribute to a PKCS#12 safeBag structure

**SYNOPSIS**

```
#include <openssl/pkcs12.h>
```

```
int PKCS12_add1_attr_by_NID(PKCS12_SAFEBAG *bag, int nid, int type,  
                           const unsigned char *bytes, int len);
```

```
int PKCS12_add1_attr_by_txt(PKCS12_SAFEBAG *bag, const char *attrname, int type,  
                           const unsigned char *bytes, int len);
```

**DESCRIPTION**

These functions add a PKCS#12 Attribute to the Attribute Set of the bag.

PKCS12\_add1\_attr\_by\_NID() adds an attribute of type nid with a value of ASN1 type type constructed using len bytes from bytes.

PKCS12\_add1\_attr\_by\_txt() adds an attribute of type attrname with a value of ASN1 type type constructed using len bytes from bytes.

## NOTES

These functions do not check whether an existing attribute of the same type is present. There can be multiple attributes with the same type assigned to a safeBag.

Both functions were added in OpenSSL 3.0.

## RETURN VALUES

A return value of 1 indicates success, 0 indicates failure.

## SEE ALSO

PKCS12\_create(3)

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