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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'PKCS12\_add1\_attr\_by\_NID.3oss!' command**

```
$ man PKCS12_add1_attr_by_NID.3oss!
```

```
PKCS12_ADD1_ATTR_BY_NID(3oss!)  OpenSSL  PKCS12_ADD1_ATTR_BY_NID(3oss!)
```

### 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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