



Full credit is given to the above companies including the OS that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'PKCS8_pkey_add1_attr.3ossl'

\$ man PKCS8_pkey_add1_attr.3ossl

PKCS8_PKEY_ADD1_ATTR(3ossl) OpenSSL PKCS8_PKEY_ADD1_ATTR(3ossl)

NAME

PKCS8_pkey_get0_attrs, PKCS8_pkey_add1_attr,
PKCS8_pkey_add1_attr_by_NID, PKCS8_pkey_add1_attr_by_OBJ - PKCS8
attribute functions

SYNOPSIS

```
#include <openssl/x509.h>

const STACK_OF(X509_ATTRIBUTE) *
PKCS8_pkey_get0_attrs(const PKCS8_PRIV_KEY_INFO *p8);
int PKCS8_pkey_add1_attr(PKCS8_PRIV_KEY_INFO *p8, X509_ATTRIBUTE *attr);
int PKCS8_pkey_add1_attr_by_NID(PKCS8_PRIV_KEY_INFO *p8, int nid, int type,
    const unsigned char *bytes, int len);
int PKCS8_pkey_add1_attr_by_OBJ(PKCS8_PRIV_KEY_INFO *p8, const ASN1_OBJECT *obj,
    int type, const unsigned char *bytes, int len);
```

DESCRIPTION

PKCS8_pkey_get0_attrs() returns a const STACK of X509_ATTRIBUTE present
in the passed const PKCS8_PRIV_KEY_INFO structure p8.

PKCS8_pkey_add1_attr() adds a constructed X509_ATTRIBUTE attr to the

existing PKCS8_PRIV_KEY_INFO structure p8.

PKCS8_pkey_add1_attr_by_NID() and PKCS8_pkey_add1_attr_by_OBJ() construct a new X509_ATTRIBUTE from the passed arguments and add it to the existing PKCS8_PRIV_KEY_INFO structure p8.

RETURN VALUES

PKCS8_pkey_add1_attr(), PKCS8_pkey_add1_attr_by_NID(), and PKCS8_pkey_add1_attr_by_OBJ() return 1 for success and 0 for failure.

NOTES

STACK of X509_ATTRIBUTE is present in many X509-related structures and some of them have the corresponding set of similar functions.

SEE ALSO

crypto(7)

COPYRIGHT

Copyright 2020 The OpenSSL Project Authors. All Rights Reserved.
Licensed under the Apache License 2.0 (the "License"). You may not use this file except in compliance with the License. You can obtain a copy in the file LICENSE in the source distribution or at <https://www.openssl.org/source/license.html>.

3.0.7 2023-07-13 PKCS8_PKEY_ADD1_ATTR(3ossl)