

## NAME

EVP\_PKEY\_CTX\_set1\_pbe\_pass - generic KDF support functions

## SYNOPSIS

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

```
int EVP_PKEY_CTX_set1_pbe_pass(EVP_PKEY_CTX *pctx, unsigned char *pass,  
                               int passlen);
```

## DESCRIPTION

These functions are generic support functions for all KDF algorithms.

**EVP\_PKEY\_CTX\_set1\_pbe\_pass()** sets the password to the **passlen** first bytes from **pass**.

## STRING CTRLS

There is also support for string based control operations via **EVP\_PKEY\_CTX\_ctrl\_str(3)**. The **password** can be directly specified using the **type** parameter "pass" or given in hex encoding using the "hexpass" parameter.

## RETURN VALUES

All these functions return 1 for success and 0 or a negative value for failure. In particular a return value of -2 indicates the operation is not supported by the public key algorithm.

## SEE ALSO

**EVP\_PKEY\_CTX\_new(3)**, **EVP\_PKEY\_CTX\_ctrl\_str(3)**, **EVP\_PKEY\_derive(3)**

## HISTORY

**EVP\_PKEY\_CTX\_set1\_pbe\_pass()** was converted from a macro to a function in OpenSSL 3.0.

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