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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