

NAME

`EVP_CIPHER_CTX_get_app_data`, `EVP_CIPHER_CTX_set_app_data` – Routines to inspect and modify application data related to `EVP_CIPHER_CTX`

SYNOPSIS

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

void *EVP_CIPHER_CTX_get_app_data(const EVP_CIPHER_CTX *ctx);
void EVP_CIPHER_CTX_set_app_data(EVP_CIPHER_CTX *ctx, void *data);
```

DESCRIPTION

The functions **`EVP_CIPHER_CTX_set_app_data()`** and **`EVP_CIPHER_CTX_get_app_data()`** associate an opaque, application-defined pointer with an `EVP_CIPHER_CTX` object.

This pointer is not interpreted by the library and is reserved entirely for use by the application. It may be used to store arbitrary context or state that needs to be accessible wherever the corresponding `EVP_CIPHER_CTX` is available.

RETURN VALUES

The **`EVP_CIPHER_CTX_get_app_data()`** function returns a opaque pointer to the current application data for the `EVP_CIPHER_CTX`.

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