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

$ man SSL_CTX_set_keylog_callback.3ossl

SSL_CTX_SET_KEYLOG_CALLBACK(3ossl) OpenSSL SSL_CTX_SET_KEYLOG_CALLBACK(3ossl)

NAME

SSL_CTX_set_keylog_callback, SSL_CTX_get_keylog_callback,

SSL_CTX_keylog_cb_func - logging TLS key material

SYNOPSIS

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

typedef void (*SSL_CTX_keylog_cb_func)(const SSL *ssl, const char *line);

void SSL_CTX_set_keylog_callback(SSL_CTX *ctx, SSL_CTX_keylog_cb_func cb);
SSL_CTX_keylog_cb_func SSL_CTX_get_keylog_callback(const SSL_CTX *ctx);
```

DESCRIPTION

SSL_CTX_set_keylog_callback() sets the TLS key logging callback. This

callback is called whenever TLS key material is generated or received,

in order to allow applications to store this keying material for

debugging purposes.

SSL_CTX_get_keylog_callback() retrieves the previously set TLS key logging callback. If no callback has been set, this will return NULL. When there is no key logging callback, or if SSL_CTX_set_keylog_callback is called with NULL as the value of cb, no logging of key material will be done.

The key logging callback is called with two items: the ssl object associated with the connection, and line, a string containing the key material in the format used by NSS for its SSLKEYLOGFILE debugging output. To recreate that file, the key logging callback should log line, followed by a newline. line will always be a NUL-terminated string.

RETURN VALUES

SSL_CTX_get_keylog_callback() returns a pointer to SSL_CTX_keylog_cb_func or NULL if the callback is not set.

SEE ALSO

ssl(7)

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