NAME

SSL_set_retry_verify - indicate that certificate verification should be retried

SYNOPSIS

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

int SSL_set_retry_verify(SSL *ssl);
```

DESCRIPTION

SSL_set_retry_verify() should be called from the certificate verification callback on a client when the application wants to indicate that the handshake should be suspended and the control should be returned to the application. **SSL_want_retry_verify**(3) will return 1 as a consequence until the handshake is resumed again by the application, retrying the verification step.

Please refer to **SSL_CTX_set_cert_verify_callback**(3) for further details.

NOTES

The effect of calling **SSL_set_retry_verify()** outside of the certificate verification callback on the client side is undefined.

RETURN VALUES

SSL_set_retry **verify()** returns 1 on success, 0 otherwise.

EXAMPLES

The following code snippet shows how to obtain the **SSL** object associated with the **X509_STORE_CTX** to call the **SSL_set_retry_verify()** function:

```
int idx = SSL_get_ex_data_X509_STORE_CTX_idx();
SSL *ssl;

/* this should not happen but check anyway */
if (idx < 0
    || (ssl = X509_STORE_CTX_get_ex_data(ctx, idx)) == NULL)
    return 0;

if (/* we need to retry verification callback */)
    return SSL_set_retry_verify(ssl);

/* do normal processing of the verification callback */
```

SEE ALSO

ssl(7), **SSL_connect**(3), **SSL_CTX_set_cert_verify_callback**(3), **SSL_want_retry_verify**(3)

HISTORY

SSL_set_retry_verify() was added in OpenSSL 3.0.2 to replace backwards incompatible handling of a negative return value from the verification callback.

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