

NAME

libssh2_channel_x11_req_ex - request an X11 forwarding channel

SYNOPSIS

```
#include <libssh2.h>
```

```
int
```

```
libssh2_channel_x11_req_ex(LIBSSH2_CHANNEL *channel, int single_connection,  
                           const char *auth_proto, const char *auth_cookie,  
                           int screen_number);
```

```
int
```

```
libssh2_channel_x11_req(LIBSSH2_CHANNEL *channel,  
                        int screen_number);
```

DESCRIPTION

channel - Previously opened channel instance such as returned by **libssh2_channel_open_ex(3)**

single_connection - non-zero to only forward a single connection.

auth_proto - X11 authentication protocol to use

auth_cookie - the cookie (hexadecimal encoded).

screen_number - the XLL screen to forward

Request an X11 forwarding on *channel*. To use X11 forwarding, **libssh2_session_callback_set(3)** must first be called to set **LIBSSH2_CALLBACK_X11**. This callback will be invoked when the remote host accepts the X11 forwarding.

RETURN VALUE

Return 0 on success or negative on failure. It returns **LIBSSH2_ERROR_EAGAIN** when it would otherwise block. While **LIBSSH2_ERROR_EAGAIN** is a negative number, it is not really a failure per se.

ERRORS

LIBSSH2_ERROR_ALLOC - An internal memory allocation call failed.

LIBSSH2_ERROR_SOCKET_SEND - Unable to send data on socket.

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libssh2

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LIBSSH2_ERROR_CHANNEL_REQUEST_DENIED -

SEE ALSO

libssh2_channel_open_ex(3) libssh2_session_callback_set(3)