

NAME

CURLOPT_SSH_HOSTKEYDATA – pointer to pass to the SSH host key callback

SYNOPSIS

```
#include <curl/curl.h>
```

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_SSH_HOSTKEYDATA, void *pointer);
```

DESCRIPTION

Pass a void * as parameter. This *pointer* is passed along untouched to the callback set with *CURLOPT_SSH_HOSTKEYFUNCTION(3)*.

DEFAULT

NULL

PROTOCOLS

This functionality affects scp and sftp

EXAMPLE

```
struct mine {
    void *custom;
};

static int hostkeycb(void *clientp, /* CURLOPT_SSH_HOSTKEYDATA */
                    int keytype, /* CURLKHTYPE */
                    const char *key, /* host key to check */
                    size_t keylen) /* length of the key */
{
    /* 'clientp' points to the callback_data struct */
    /* investigate the situation and return the correct value */
    return CURLKHMATCH_OK;
}

int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        struct mine callback_data;
        curl_easy_setopt(curl, CURLOPT_URL, "sftp://example.com/thisfile.txt");
        curl_easy_setopt(curl, CURLOPT_SSH_HOSTKEYFUNCTION, hostkeycb);
        curl_easy_setopt(curl, CURLOPT_SSH_HOSTKEYDATA, &callback_data);

        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

NOTES

Works only with the libssh2 backend.

AVAILABILITY

Added in curl 7.84.0

RETURN VALUE

curl_easy_setopt(3) returns a CURLcode indicating success or error.

CURLE_OK (0) means everything was OK, non-zero means an error occurred, see *libcurl-errors(3)*.

SEE ALSO

CURLOPT_SSH_HOSTKEYFUNCTION(3)