

NAME

CURLOPT_HSTSREADDATA – pointer passed to the HSTS read callback

SYNOPSIS

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

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

DESCRIPTION

Data *pointer* to pass to the HSTS read function. If you use the *CURLOPT_HSTSREADFUNCTION(3)* option, this is the pointer you get as input in the 3rd argument to the callback.

This option does not enable HSTS, you need to use *CURLOPT_HSTS_CTRL(3)* to do that.

DEFAULT

NULL

PROTOCOLS

This functionality affects http only

EXAMPLE

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

static CURLSTSCode hsts_cb(CURL *easy, struct curl_hstsentry *sts,
                           void *clientp)
{
    /* populate the struct as documented */
    return CURLSTS_OK;
}

int main(void)
{
    CURL *curl = curl_easy_init();
    struct MyData this;
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_URL, "http://example.com");

        /* pass pointer that gets passed in to the
         * CURLOPT_HSTSREADFUNCTION callback */
        curl_easy_setopt(curl, CURLOPT_HSTSREADDATA, &this);
        /* set HSTS read callback */
        curl_easy_setopt(curl, CURLOPT_HSTSREADFUNCTION, hsts_cb);

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

AVAILABILITY

Added in curl 7.74.0

RETURN VALUE

This returns CURLE_OK.

SEE ALSO

**CURLOPT_HSTS(3), CURLOPT_HSTSREADFUNCTION(3), CURLOPT_HSTSWRITEDATA(3),
CURLOPT_HSTSWRITEFUNCTION(3)**