

NAME

CURLINFO_SCHEME – URL scheme used in transfer

SYNOPSIS

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

```
CURLcode curl_easy_getinfo(CURL *handle, CURLINFO_SCHEME, char **scheme);
```

DESCRIPTION

Pass a pointer to a char pointer to receive the pointer to a null-terminated string holding the URL scheme used for the most recent transfer done with this CURL **handle**. The scheme might also sometimes be referred to as the protocol.

The **scheme** pointer is NULL or points to private memory. You **must not** free it. The memory gets freed automatically when you call *curl_easy_cleanup(3)* on the corresponding curl handle.

The returned scheme might be upper or lowercase. Do comparisons case insensitively.

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com");
        result = curl_easy_perform(curl);
        if(result == CURLE_OK) {
            char *scheme = NULL;
            curl_easy_getinfo(curl, CURLINFO_SCHEME, &scheme);
            if(scheme)
                printf("scheme: %s\n", scheme); /* scheme: HTTP */
        }
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.52.0

RETURN VALUE

curl_easy_getinfo(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

CURLINFO_EFFECTIVE_URL(3), **CURLINFO_PROTOCOL(3)**, **CURLINFO_RESPONSE_CODE(3)**, **curl_easy_getinfo(3)**, **curl_easy_setopt(3)**