

NAME

CURLINFO_PROTOCOL – URL scheme used in transfer

SYNOPSIS

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

```
CURLcode curl_easy_getinfo(CURL *handle, CURLINFO_PROTOCOL, long *p);
```

DESCRIPTION

This option is deprecated. We strongly recommend using *CURLINFO_SCHEME*(3) instead, because this option cannot return all possible schemes. The scheme might also sometimes be referred to as the protocol.

Pass a pointer to a long to receive the scheme used in the last transfer. The returned value is set to one of these values:

```
CURLPROTO_DICT, CURLPROTO_FILE, CURLPROTO_FTP, CURLPROTO_FTPS,
CURLPROTO_GOPHER, CURLPROTO_HTTP, CURLPROTO_HTTPS, CURLPROTO_IMAP,
CURLPROTO_IMAPS, CURLPROTO_LDAP, CURLPROTO_LDAPS, CURLPROTO_POP3,
CURLPROTO_POP3S, CURLPROTO_RTMP, CURLPROTO_RTMP_E, CURLPROTO_RTSP,
CURLPROTO_RTSP, CURLPROTO_RTSP, CURLPROTO_RTSP, CURLPROTO_RTSP,
CURLPROTO_SCP, CURLPROTO_SFTP, CURLPROTO_SMB, CURLPROTO_SMBS, CURLPROTO_SMTP,
CURLPROTO_SMTPS, CURLPROTO_TELNET, CURLPROTO_TFTP, CURLPROTO_MQTT
```

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) {
            long scheme;
            curl_easy_getinfo(curl, CURLINFO_PROTOCOL, &scheme);
        }
        curl_easy_cleanup(curl);
    }
}
```

DEPRECATED

Deprecated since 7.85.0.

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_RESPONSE_CODE(3), *curl_easy_getinfo*(3), *curl_easy_setopt*(3)