NAME

CURLOPT_DEFAULT_PROTOCOL − default protocol to use if the URL is missing a scheme name

SYNOPSIS

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

CURLcode curl_easy_setopt(CURL *handle, CURLOPT_DEFAULT_PROTOCOL, char *protocol);
```

DESCRIPTION

This option tells libcurl to use *protocol* if the URL is missing a scheme name.

Use one of these protocol (scheme) names:

dict, file, ftp, ftps, gopher, http, https, imap, imaps, ldap, ldaps, pop3, pop3s, rtsp, scp, sftp, smb, smbs, smtp, smtps, telnet, tftp

An unknown or unsupported protocol causes error *CURLE_UNSUPPORTED_PROTOCOL* when libcurl parses a schemeless URL. Parsing happens when *curl_easy_perform(3)* or *curl_multi_perform(3)* is called. The protocols supported by libcurl will vary depending on how it was built. Use *curl_version_info(3)* if you need a list of protocol names supported by the build of libcurl that you are using.

This option does not change the default proxy protocol (http).

Without this option libcurl would make a guess based on the host, see *CURLOPT_URL(3)* for details.

DEFAULT

NULL (make a guess based on the host)

PROTOCOLS

All

EXAMPLE

```
curl = curl_easy_init();
if(curl) {
  /* set a URL without a scheme */
  curl_easy_setopt(curl, CURLOPT_URL, "example.com");

  /* set the default protocol (scheme) for schemeless URLs */
  curl_easy_setopt(curl, CURLOPT_DEFAULT_PROTOCOL, "https");

  /* Perform the request */
  curl_easy_perform(curl);
}
```

AVAILABILITY

Added in 7.45.0

RETURN VALUE

CURLE_OK if the option is supported.

CURLE_OUT_OF_MEMORY if there was insufficient heap space.

CURLE_UNKNOWN_OPTION if the option is not supported.

SEE ALSO

CURLOPT_URL(3),