

**NAME**

CURLOPT\_HTTPPOST – specify the multipart formpost content

**SYNOPSIS**

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_HTTPPOST,
                          struct curl_httppost *formpost);
```

**DESCRIPTION**

Tells libcurl you want a multipart/formdata HTTP POST to be made and you instruct what data to pass on to the server in the *formpost* argument. Pass a pointer to a linked list of *curl\_httppost* structs as parameter. The easiest way to create such a list, is to use *curl\_formadd(3)* as documented. The data in this list must remain intact as long as the curl transfer is alive and is using it.

Using POST with HTTP 1.1 implies the use of a "Expect: 100-continue" header. You can disable this header with *CURLOPT\_HTTPHEADER(3)*.

When setting *CURLOPT\_HTTPPOST(3)*, it will automatically set *CURLOPT\_NOBODY(3)* to 0.

**DEFAULT**

NULL

**PROTOCOLS**

HTTP

**EXAMPLE**

```
/* Fill in the file upload field. This makes libcurl load data from
   the given file name when curl_easy_perform() is called. */
```

```
curl_formadd(&formpost,
             &lastptr,
             CURLFORM_COPYNAME, "sendfile",
             CURLFORM_FILE, "postit2.c",
             CURLFORM_END);
```

```
/* Fill in the filename field */
```

```
curl_formadd(&formpost,
             &lastptr,
             CURLFORM_COPYNAME, "filename",
             CURLFORM_COPYCONTENTS, "postit2.c",
             CURLFORM_END);
```

```
/* Fill in the submit field too, even if this is rarely needed */
```

```
curl_formadd(&formpost,
             &lastptr,
             CURLFORM_COPYNAME, "submit",
             CURLFORM_COPYCONTENTS, "send",
             CURLFORM_END);
```

**AVAILABILITY**

As long as HTTP is enabled

**RETURN VALUE**

Returns CURLE\_OK if HTTP is enabled, and CURLE\_UNKNOWN\_OPTION if not.

**SEE ALSO**

*CURLOPT\_POSTFIELDS(3)*, *CURLOPT\_POST(3)*, *curl\_formadd(3)*, *curl\_formfree(3)*,