

NAME

CURLOPT_MIMEPOST – send data from mime structure

SYNOPSIS

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

```
curl_mime *mime;
```

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_MIMEPOST, mime);
```

DESCRIPTION

Pass a mime handle previously obtained from *curl_mime_init(3)*.

This setting is supported by the HTTP protocol to post forms and by the SMTP and IMAP protocols to provide the email data to send/upload.

This option is the preferred way of posting an HTTP form, replacing and extending the *CURLOPT_HTTPPOST(3)* option.

When setting *CURLOPT_MIMEPOST(3)* to NULL, libcurl resets the request type for HTTP to the default to disable the POST. Typically that would mean it is reset to GET. Instead you should set a desired request method explicitly.

PROTOCOLS

This functionality affects http, imap and smtp

EXAMPLE

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        curl_mime *multipart = curl_mime_init(curl);
        if(multipart) {
            CURLcode result;
            curl_mimepart *part = curl_mime_addpart(multipart);
            curl_mime_name(part, "name");
            curl_mime_data(part, "daniel", CURL_ZERO_TERMINATED);
            part = curl_mime_addpart(multipart);
            curl_mime_name(part, "project");
            curl_mime_data(part, "curl", CURL_ZERO_TERMINATED);
            part = curl_mime_addpart(multipart);
            curl_mime_name(part, "logotype-image");
            curl_mime_filedata(part, "curl.png");

            /* Set the form info */
            curl_easy_setopt(curl, CURLOPT_MIMEPOST, multipart);

            result = curl_easy_perform(curl); /* post away */
            curl_mime_free(multipart); /* free the post data */
        }
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.56.0

RETURN VALUE

This returns `CURLE_OK`.

SEE ALSO

`CURLOPT_HTTPPOST(3)`, `CURLOPT_POSTFIELDS(3)`, `CURLOPT_PUT(3)`, `curl_mime_init(3)`