

NAME

CURLOPT_UPLOAD_FLAGS – upload flags for IMAP

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_UPLOAD_FLAGS, long bitmask);
```

DESCRIPTION

Pass a long as parameter, which is set to a bitmask, to tell libcurl which flags to send the server relating to uploaded files. The currently supported flags are:

CURLULFLAG_ANSWERED

Sets the **Answered** flag for IMAP uploads. Indicates that the message has been replied to.

CURLULFLAG_DELETED

Sets the **Deleted** flag for IMAP uploads. Marks the message for deletion rather than immediately removing it.

CURLULFLAG_DRAFT

Sets the **Draft** flag for IMAP uploads. Marks the message as an uncompleted composition.

CURLULFLAG_FLAGGED

Sets the **Flagged** flag for IMAP uploads. Marks the message for special attention.

CURLULFLAG_SEEN

Sets the **Seen** flag for IMAP uploads. Marks the message as read.

DEFAULT

A bitmask with only the **CURLULFLAG_SEEN** flag set.

PROTOCOLS

This functionality affects imap and imaps

EXAMPLE

```
static size_t read_cb(char *ptr, size_t size, size_t nmemb, void *userdata)
{
    FILE *src = userdata;
    /* copy as much data as possible into the 'ptr' buffer, but no more than
       'size' * 'nmemb' bytes */
    size_t retcode = fread(ptr, size, nmemb, src);

    return retcode;
}

int main(void)
{
    CURL *curl;
    FILE *src = fopen("local-file", "r");
    if(!src)
        return 1;

    curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_off_t fsize = 9876; /* set this to the size of the input file */

        /* we want to use our own read function */
        curl_easy_setopt(curl, CURLOPT_READFUNCTION, read_cb);
```

```
/* enable uploading */
curl_easy_setopt(curl, CURLOPT_UPLOAD, 1L);

/* specify target */
curl_easy_setopt(curl, CURLOPT_URL, "imap://example.com:993/mailbox");

/* provide username */
curl_easy_setopt(curl, CURLOPT_USERNAME, "user@example.com");

/* provide password */
curl_easy_setopt(curl, CURLOPT_PASSWORD, "password");

/* specify that uploaded mail should be considered flagged */
curl_easy_setopt(curl, CURLOPT_UPLOAD_FLAGS, CURLULFLAG_FLAGGED);

/* now specify which pointer to pass to our callback */
curl_easy_setopt(curl, CURLOPT_READDATA, src);

/* Set the size of the file to upload */
curl_easy_setopt(curl, CURLOPT_INFILESIZE_LARGE, (curl_off_t)fsize);

/* perform the upload */
result = curl_easy_perform(curl);
curl_easy_cleanup(curl);
}
fclose(src);
}
```

AVAILABILITY

Added in curl 8.13.0

RETURN VALUE

curl_easy_setopt(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

CURLOPT_UPLOAD(3)