NAME

curl_mime_subparts − set sub−parts of a multipart mime part

SYNOPSIS

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

CURLcode curl_mime_subparts(curl_mimepart *part, curl_mime *subparts);
```

DESCRIPTION

curl_mime_subparts(3) sets a multipart mime part's content from a mime structure.

part is a handle to the multipart part.

subparts is a mime structure handle holding the sub−parts. After *curl_mime_subparts(3)* succeeds, the mime structure handle belongs to the multipart part and must not be freed explicitly. It may however be updated by subsequent calls to mime API functions.

Setting a part's contents multiple times is valid: only the value set by the last call is retained. It is possible to unassign previous part's contents by setting *subparts* to NULL.

PROTOCOLS

This functionality affects http, imap and smtp

EXAMPLE

```
static char *inline_html = "<title>example</title>";
static char *inline_text = "once upon the time";

int main(void)
{
  CURL *curl = curl_easy_init();
  if(curl) {
    struct curl_slist *slist;

    /* The inline part is an alternative proposing the html and the text
       versions of the email. */
    curl_mime *alt = curl_mime_init(curl);
    curl_mimepart *part;

    /* HTML message. */
    part = curl_mime_addpart(alt);
    curl_mime_data(part, inline_html, CURL_ZERO_TERMINATED);
    curl_mime_type(part, "text/html");

    /* Text message. */
    part = curl_mime_addpart(alt);
    curl_mime_data(part, inline_text, CURL_ZERO_TERMINATED);

    /* Create the inline part. */
    part = curl_mime_addpart(alt);
    curl_mime_subparts(part, alt);
    curl_mime_type(part, "multipart/alternative");
    slist = curl_slist_append(NULL, "Content-Disposition: inline");
    curl_mime_headers(part, slist, 1);
  }
}
```

AVAILABILITY

Added in curl 7.56.0

RETURN VALUE

This function returns a CURLcode indicating success or error.

CURLE_OK (0) means everything was OK, non−zero means an error occurred, see *libcurl−errors(3)*. If *CURLOPT_ERRORBUFFER(3)* was set with *curl_easy_setopt(3)* there can be an error message stored in the error buffer when non−zero is returned.

SEE ALSO

curl_mime_addpart(3), **curl_mime_init**(3)