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.

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

As long as at least one of HTTP, SMTP or IMAP is enabled. Added in 7.56.0.

RETURN VALUE

CURLE_OK or a CURL error code upon failure.

SEE ALSO

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