## NAME

curl_mime_addpart - append a new empty part to a mime structure

## SYNOPSIS

#include <curl/curl.h>

curl_mimepart *curl_mime_addpart(curl_mime *mime);

## DESCRIPTION

*curl_mime_addpart(3)* creates and appends a new empty part to the given mime structure and returns a handle to it. The returned part handle can subsequently be populated using functions from the mime API.

*mime* is the handle of the mime structure in which the new part must be appended.

## PROTOCOLS

This functionality affects http, imap and smtp

## EXAMPLE

```
int main(void)
{
 curl_mime *mime;
 curl_mimepart *part;

 CURL *curl = curl_easy_init();
 if(curl) {
  /* create a mime handle */
  mime = curl_mime_init(curl);

  /* add a part */
  part = curl_mime_addpart(mime);

  /* continue and set name + data to the part */
  curl_mime_data(part, "This is the field data", CURL_ZERO_TERMINATED);
  curl_mime_name(part, "data");
 }
}
```

## AVAILABILITY

Added in curl 7.56.0

**RETURN VALUE**

A mime part structure handle, or NULL upon failure.

**SEE ALSO**

**curl_mime_data**(3), **curl_mime_data_cb**(3), **curl_mime_encoder**(3), **curl_mime_filedata**(3), **curl_mime_filename**(3), **curl_mime_headers**(3), **curl_mime_init**(3), **curl_mime_name**(3), **curl_mime_subparts**(3), **curl_mime_type**(3)