NAME

curl_global_init_mem - Global libcurl initialisation with memory callbacks

SYNOPSIS

#include <curl/curl.h>
CURLcode curl_global_init_mem(long flags,
 curl_malloc_callback m,
 curl_free_callback f,
 curl_realloc_callback r,
 curl_strdup_callback s,
 curl_calloc_callback c);

DESCRIPTION

This function works exactly as *curl_global_init(3)* with one addition: it allows the application to set callbacks to replace the otherwise used internal memory functions.

This man page only adds documentation for the callbacks, see the *curl_global_init(3)* man page for all the rest. When you use this function, all callback arguments must be set to valid function pointers.

The prototypes for the given callbacks should match these:

void *malloc_callback(size_t size);
        To replace malloc()

void free_callback(void *ptr);
        To replace free()

void *realloc_callback(void *ptr, size_t size);
        To replace realloc()

char *strdup_callback(const char *str);
        To replace strdup()

void *calloc_callback(size_t nmemb, size_t size);
        To replace calloc()

CAUTION

Manipulating these gives considerable powers to the application to severly screw things up for libcurl. Take care!

SEE ALSO

curl_global_init(3), **curl_global_cleanup**(3),