NAME

gnutls_global_set_mem_functions - API function

SYNOPSIS

#include <gnutls/compat.h>

void gnutls_global_set_mem_functions(gnutls_alloc_function *alloc_func***, gnutls_alloc_function** *secure_alloc_func***, gnutls_is_secure_function** *is_secure_func***, gnutls_realloc_function** *realloc_func***, gnutls_free_function** *free_func***);**

ARGUMENTS

gnutls_alloc_function alloc_func

> it's the default memory allocation function. Like **malloc()**.

gnutls_alloc_function secure_alloc_func

> This is the memory allocation function that will be used for sensitive data.

gnutls_is_secure_function is_secure_func

> a function that returns 0 if the memory given is not secure. May be NULL.

gnutls_realloc_function realloc_func

> A realloc function

gnutls_free_function free_func

> The function that frees allocated data. Must accept a NULL pointer.

DEPRECATED

since 3.3.0 it is no longer possible to replace the internally used memory allocation functions

This is the function where you set the memory allocation functions gnutls is going to use. By default the libc's allocation functions (**malloc()**, **free()**), are used by gnutls, to allocate both sensitive and not sensitive data. This function is provided to set the memory allocation functions to something other than the defaults

This function must be called before **gnutls_global_init()** is called. This function is not thread safe.

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.
Home page: https://www.gnutls.org

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SEE ALSO

The full documentation for **gnutls** is maintained as a Texinfo manual. If the /usr/local/share/doc/gnutls/ directory does not contain the HTML form visit

https://www.gnutls.org/manual/