NAME

gnutls_x509_ct_sct_get - API function

SYNOPSIS

#include <gnutls/x509-ext.h>

int gnutls_x509_ct_sct_get(const gnutls_x509_ct_scts_t *scts***, unsigned** *idx***, time_t *** *timestamp***, gnutls_datum_t *** *logid***, gnutls_sign_algorithm_t *** *sigalg***, gnutls_datum_t *** *signature***);**

ARGUMENTS

const gnutls_x509_ct_scts_t scts
> A list of SCTs

unsigned idx   The index of the target SCT in the list

time_t * timestamp
> The timestamp of the SCT

gnutls_datum_t * logid
> The LogID field of the SCT; must be freed with **gnutls_free()**

gnutls_sign_algorithm_t * sigalg
> The signature algorithm

gnutls_datum_t * signature
> The signature of the SCT; must be freed with **gnutls_free()**

DESCRIPTION

This function will return a specific SCT (Signed Certificate Timestamp) stored in the SCT list *scts* .

The datums holding the SCT's LogId and signature will be allocated using **gnutls_malloc()**.

RETURNS

GNUTLS_E_SUCCESS (0) will be returned on success, **GNUTLS_E_REQUESTED_DATA_NOT_AVAILABLE** if *idx* exceeds the number of SCTs in the list or a negative error value.

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/