

NAME

hx509 certificate selecting functions -

Functions

int **hx509_peer_info_alloc** (hx509_context context, hx509_peer_info *peer)
void **hx509_peer_info_free** (hx509_peer_info peer)
int **hx509_peer_info_set_cert** (hx509_peer_info peer, hx509_cert cert)
int **hx509_peer_info_add_cms_alg** (hx509_context context, hx509_peer_info peer, const AlgorithmIdentifier *val)
int **hx509_peer_info_set_cms_algs** (hx509_context context, hx509_peer_info peer, const AlgorithmIdentifier *val, size_t len)

Detailed Description

Function Documentation

int hx509_peer_info_add_cms_alg (hx509_context context, hx509_peer_info peer, const AlgorithmIdentifier * val)

Add an additional algorithm that the peer supports.

Parameters:

context A hx509 context.
peer the peer to set the new algorithms for
val an AlgorithmsIdentifier to add

Returns:

An hx509 error code, see **hx509_get_error_string()**.

int hx509_peer_info_alloc (hx509_context context, hx509_peer_info * peer)

Allocate a new peer info structure and init it to default values.

Parameters:

context A hx509 context.
peer return an allocated peer, free with **hx509_peer_info_free()**.

Returns:

An hx509 error code, see **hx509_get_error_string()**.

void hx509_peer_info_free (hx509_peer_info peer)

Free a peer info structure.

Parameters:

peer peer info to be freed.

int hx509_peer_info_set_cert (hx509_peer_info peer, hx509_cert cert)

Set the certificate that remote peer is using.

Parameters:

peer peer info to update

cert certificate of the remote peer.

Returns:

An hx509 error code, see **hx509_get_error_string()**.

int hx509_peer_info_set_cms_algs (hx509_context context, hx509_peer_info peer, const AlgorithmIdentifier * val, size_t len)

Set the algorithms that the peer supports.

Parameters:

context A hx509 context.

peer the peer to set the new algorithms for

val array of supported AlgorithmIdentifiers

len length of array val.

Returns:

An hx509 error code, see **hx509_get_error_string()**.