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 AlgorithmsIdentier 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 an 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 cerificate 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 AlgorithmsIdentiers
len length of array val.

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