

4.4.12 MCAPI_ PKTCHAN_SEND_CLOSE_I

NAME

`mcapi_pktchan_send_close_i` – closes channel on a send endpoint.

SYNOPSIS

```
#include <mcapi.h>

void mcapi_pktchan_send_close_i(
    MCAPI_IN mcapi_pktchan_send_hndl_t send_handle,
    MCAPI_OUT mcapi_request_t* request,
    MCAPI_OUT mcapi_status_t* mcapi_status
);
```

DESCRIPTION

Closes the send side of a channel. The sender makes the send-side call and the receiver makes the receive-side call. The corresponding calls are required on both sides to ensure that the channel has been properly closed. It is a non-blocking function, and returns immediately. `send_handle` is the local representation of the handle used to send packets. Pending packets at the receiver are not discarded. A packet channel is disconnected when, both sides have issued close calls and the last (second) close operation is performed. If the endpoint type was changed from message to channel and/or the get reference count was increased to 1 by the connect, the type will be reset to message and the get reference count to 0.

RETURN VALUE

On success, meaning that both sides of the channel are successfully closed, `*mcapi_status` is set to `MCAPI_SUCCESS` if completed and `MCAPI_PENDING` if not yet completed. On error `*mcapi_status` is set to the appropriate error defined below.

ERRORS

<code>MCAPI_ERR_NODE_NOTINIT</code>	The node is not initialized.
<code>MCAPI_ERR_CHAN_INVALID</code>	Argument is not a channel handle.
<code>MCAPI_ERR_CHAN_TYPE</code>	Attempt to close a packet channel on an endpoint that has been connected with a different channel type.
<code>MCAPI_ERR_CHAN_DIRECTION</code>	Attempt to close a send handle on a port that was connected as a receiver, or vice versa.
<code>MCAPI_ERR_CHAN_NOTOPEN</code>	The channel is not open.
<code>MCAPI_ERR_REQUEST_LIMIT</code>	No more request handles available.