

4.4.9 MCAPI_PKTCHAN_RELEASE

NAME

`mcapi_pktchan_release` – releases a packet buffer obtained from a `mcapi_pktchan_rcv()` call.

SYNOPSIS

```
#include <mcapi.h>

void mcapi_pktchan_release(
    MCAPI_IN void* buffer,
    MCAPI_OUT mcapi_status_t* mcapi_status
);
```

DESCRIPTION

When a user is finished with a packet buffer obtained from `mcapi_pktchan_rcv_i()` or `mcapi_pktchan_rcv()`, they must invoke this function to return the buffer to the system. Buffers can be released in any order. This function is guaranteed to return in a timely fashion. Buffers can be released by the receiving node only.

RETURN VALUE

On success `*mcapi_status` is set to `MCAPI_SUCCESS`. 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_BUF_INVALID</code>	Argument is not a valid buffer descriptor.
<code>MCAPI_ERR_GENERAL</code>	Implementation specific error not covered by other status codes. Specifics must be documented.

SEE ALSO

```
mcapi_pktchan_rcv(), mcapi_pktchan_rcv_i()
```