

4.4.10 MCAPI_PKTCHAN_RELEASE_TEST

NAME

`mcapi_pktchan_release_test` – Tests if a packet buffer obtained from a `mcapi_pktchan_rcv()` has been released (with `mcapi_pktchan_release`).

SYNOPSIS

```
#include <mcapi.h>

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

DESCRIPTION

Checks if a packet buffer has been released by the receiver. This function is blocking and returns in a timely fashion.

RETURN VALUE

On success, `MCAPI_TRUE` is returned and `*mcapi_status` is set to `MCAPI_SUCCESS`. If the operation has not completed `MCAPI_FALSE` is returned and `*mcapi_status` is set to `MCAPI_PENDING`. On error `MCAPI_FALSE` is returned and `*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_PARAMETER</code>	Incorrect <code>buffer</code> or parameter.
<code>MCAPI_ERR_GENERAL</code>	Implementation specific error not covered by other status codes. Specifics must be documented.

SEE ALSO

`mcapi_pktchan_release()`