

4.5.11 MCAPI_SCLCHAN_RECV_UINT8

NAME

mcapi_sclchan_recv_uint8 – receives a (connected) 8-bit scalar on a channel.

SYNOPSIS

```
#include <mcapi.h>

mcapi_uint8_t mcapi_sclchan_recv_uint8(
    MCAPI_IN mcapi_sclchan_recv_hdl_t receive_handle,
    MCAPI_OUT mcapi_status_t* mcapi_status
);
```

DESCRIPTION

Receives a scalar on a connected channel. It is a blocking function, and returns when a scalar is available. receive_handle is the receive endpoint identifier.

RETURN VALUE

On success, a value of type uint8_t is returned and *mcapi_status is set to MCAPI_SUCCESS. On error, the return value is undefined and *mcapi_status is set to the appropriate error defined below. Optionally, implementations may choose to always set *mcapi_status to MCAPI_SUCCESS for performance reasons.

ERRORS

| | |
|------------------------|--|
| MCAPI_ERR_NODE_NOTINIT | The node is not initialized. |
| MCAPI_ERR_CHAN_INVALID | Argument is not a channel handle. |
| MCAPI_ERR_GENERAL | Implementation specific error not covered by other status codes. Specifics must be documented. |

NOTE

The receive scalar size must match the send size.