

4.1.12 MCAPI_NODE_DISCONNECT (ABB Extension)

NAME

mcapi_node_disconnect – Disconnect node channels and endpoints.

SYNOPSIS

```
#include <mcapi_abb.h>

void mcapi_node_disconnect( MCAPI_IN
    mcapi_domain_t domain_id, MCAPI_IN
    mcapi_node_t node_id, MCAPI_OUT
    mcapi_config_t* config, MCAPI_IN
    mca_timeout_t timeout, MCAPI_OUT
    mcapi_status_t* mcapi_status
);
```

DESCRIPTION

mcapi_node_disconnect() makes the necessary runtime calls to disconnect the channels and release the endpoints for the MCAPI node specified by domain_id and node_id. The call to mcapi_node_disconnect must be preceded by a successful call first to mcapi_node_collect to obtain the configuration and then mcapi_node_connect for this node. The mcapi_node_disconnect routine waits for the connections to be rundown, and returns with an status error if the timeout is exceeded.

RETURN VALUE

On success, *mcapi_status is set to MCAPI_SUCCESS. On error, *mcapi_status is set to the appropriate error code defined below.

ERRORS

MCAPI_TIMEOUT	The MCAPI remote endpoints we in the specified time limit.
MCAPI_ERR_NODE_INVALID	The parameter is not a valid node
MCAPI_ERR_NODE_CONFFAILED	The node endpoints or channels could not be configured