4.1.11 MCAPI_NODE_CONNECT (ABB Extension)

NAME

`mcapi_node_connect` – Initialize and connect message topology.

SYNOPSIS

```
#include  <mcapi_abb.h>

void mcapi_node_connect( 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_connect()` makes the necessary runtime calls to initialize the endpoints and connect the channels for the MCAPI node specified by `domain_id` and `node_id`. The call to `mcapi_node_connect` must be preceded by a successful call first t `mcapi_node_collect` to obtain the configuration for this node. The `mcapi_node_connect` routine waits for the connections to be completed, 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