

4.1.8 MCAPI_INITIALIZE2

NAME

mcapi_initialize2 – Initializes an MCAPI node.

Comment [S6]: I suggest we ask the tech writer for advice on this.

SYNOPSIS

```
#include <mcapi.h>

void mcapi_initialize(
    MCAPI_IN mcapi_domain_t domain_id,
    MCAPI_IN mcapi_node_t node_id,
    MCAPI_IN mcapi_node_attributes_t* mcapi_node_attributes,
    MCAPI_IN mcapi_param_t* mcapi_parameters,
    MCAPI_OUT mcapi_info_t* mcapi_info,
    MCAPI_IN mcapi_boolean_t start,
    MCAPI_OUT mcapi_status_t* mcapi_status
);
```

Comment [ML7]: Do you want to keep this brief description? Note difference to MRAPI doc.

DESCRIPTION

mcapi_initialize2() initializes the MCAPI environment on a given MCAPI node in a given MCAPI domain in the same manner as mcapi_initialize(). The difference is the start parameter that controls whether the node is marked as valid at the end of the initialization. If start is MCAPI_TRUE then the call is the same as mcapi_initialize(). Otherwise the initialization is completed without marking the node as valid. Use the mcapi_node_start() function to complete the runup and make the node available to other nodes for communication.

RETURN VALUE

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

ERRORS

MCAPI_ERR_NODE_INITFAILED	The MCAPI environment could not be initialized.
MCAPI_ERR_NODE_INITIALIZED	The MCAPI environment has already been initialized.
MCAPI_ERR_NODE_INVALID	The parameter is not a valid node.
MCAPI_ERR_DOMAIN_INVALID	The parameter is not a valid domain.
MCAPI_ERR_PARAMETER	Incorrect mcapi_parameters or mcapi_info parameter. Note, mcapi_parameters can be a NULL pointer, if the MCAPI version is 1.000, for backwards compatibility purposes.
MCAPI_ERR_GENERAL	Implementation specific error not covered by other status codes. Specifics must be documented.

SEE ALSO

```
mcapi_node_start(), mcapi_finalize()
```