

**4.1.8 MCAPI\_INITIALIZE2**

**NAME**

mcapi\_initialize2 – Initializes an MCAPI node.

**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

);

**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.

**Comment [S6]:** I suggest we ask the techwriter for advice on this.

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

**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()