

4.4.1.8 MRAPI_SHMEM_DELETE

NAME

mrapi_shmem_delete

SYNOPSIS

```
void mrapi_shmem_delete(
    MRAPI_IN mrapi_shmem_hdl_t shmem,
    MRAPI_OUT mrapi_status_t* status
);
```

DESCRIPTION

This function deletes the shared memory segment if there are no nodes still attached to it. All nodes must detach before any node can delete the memory. Otherwise, delete will fail and there are no automatic retries nor deferred delete.

RETURN VALUE

On success, *status is set to MRAPI_SUCCESS. On error, *status is set to the appropriate error defined below.

ERRORS

MRAPI_ERR_SHM_INVALID	Argument is not a valid shared memory segment handle.
MRAPI_ERR_SHM_ATTACH	There are nodes still attached to this shared memory segment thus it could not be deleted.
MRAPI_ERR_NODE_NOTINIT	The calling node is not initialized.

NOTE

SEE ALSO