

4.4.1.7 MRAPI_SHMEM_DETACH

NAME

mrapi_shmem_detach

SYNOPSIS

```
void mrapi_shmem_detach(
    MRAPI_IN mrapi_shmem_hndl_t shmem,
    MRAPI_OUT mrapi_status_t* status
);
```

DESCRIPTION

This function detaches the caller from the shared memory segment. All nodes must detach before any node can delete the memory.

RETURN VALUE

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

ERRORS

MRAPI_ERR_SHMEM_INVALID	Argument is not a valid shared memory segment handle.
MRAPI_ERR_SHM_NOTATTACHED	The calling node is not attached to the shared memory.
MRAPI_ERR_NODE_NOTINIT	The calling node is not initialized.

NOTE

SEE ALSO