4.4.2.8 MRAPI_RMEM_DELETE

NAME

mrapi_rmem_delete

SYNOPSIS

```
void mrapi_rmem_delete(
  MRAPI_IN mrapi_rmem_hndl_t rmem,
  MRAPI_OUT mrapi_status_t* status
);
```

DESCRIPTION

This function demotes the remote memory segment. All attached nodes must detach before the node can delete the memory. Otherwise, delete will fail and there are no automatic retries nor deferred delete. Note that memory is not de-allocated it is just no longer accessible via the MRAPI remote memory function calls. Only the node that created the remote memory can delete it.

RETURN VALUE

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

ERRORS

MRAPI_ERR_RMEM_INVALID	Argument is not a valid remote memory segment handle.
MRAPI_ERR_RMEM_ATTACH	Unable to demote the remote memory because other nodes are still attached to it.
MRAPI_ERR_RMEM_NOTOWNER	The calling node is not the one that created the remote memory.
MRAPI_ERR_NODE_NOTINIT	The calling node is not intialized.

NOTE

SEE ALSO