4.3.3.6 MRAPI_RWL_DELETE

NAME

mrapi_rwl_delete

SYNOPSIS

```
void mrapi_rwl_delete(
  MRAPI_IN mrapi_rwl_hndl_t rwl,
  MRAPI_OUT mrapi_status_t* status
);
```

DESCRIPTION

This function deletes the reader/writer lock. A reader/writer lock can only be deleted if it is not locked. If the reader/writer lock attributes indicate extended error checking is enabled then all subsequent lock requests will be notified that the reader/writer lock was deleted.

RETURN VALUE

On success, `*status` is set to `MRAPI_SUCCESS`. On error, `*status` is set to the appropriate error defined below. When extended error checking is enabled, if this function is called on a reader/writer lock that no longer exists, an `MRAPI_ERR_RWL_DELETED` error code will be returned. When extended error checking is disabled, the `MRAPI_ERR_RWL_INVALID` error will be returned.

ERRORS

`MRAPI_ERR_RWL_INVALID`	Argument is not a valid reader/writer lock handle.
`MRAPI_ERR_RWL_LOCKED`	The reader/writer lock was locked and cannot be deleted.
`MRAPI_ERR_RWL_DELETED`	If the reader/writer lock has been deleted then if `MRAPI_ERROR_EXT` attribute is set, MRAPI will return `MRAPI_ERR_RWL_DELETED` otherwise MRAPI will just return `MRAPI_ERR_RWL_INVALID`.
`MRAPI_ERR_NODE_NOTINIT`	The calling node is not intialized.

NOTE

SEE ALSO