4.3.3.9 MRAPI_RWL_UNLOCK

NAME

mrapi_rwl_unlock

SYNOPSIS

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

DESCRIPTION

This function releases a single lock.   The lock to be released will be either a reader lock or a writer lock, as specified by the mode parameter used when the lock was obtained.

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_NOTLOCKED	This node does not currently hold the given type (reader/writer) of lock.
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