4.3.1.5   MRAPI_MUTEX_GET

NAME

mrapi_mutex_get

SYNOPSIS

```
mrapi_mutex_hndl_t mrapi_mutex_get(
  MRAPI_IN mrapi_mutex_id_t mutex_id,
  MRAPI_OUT mrapi_status_t* status
);
```

DESCRIPTION

Given a `mutex_id`, this function returns the MRAPI handle for referencing that mutex.

RETURN VALUE

On success the mutex handle is returned and `*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 mutex that no longer exists, an `MRAPI_ERR_MUTEX_DELETED` error code will be returned. When extended error checking is disabled, the `MRAPI_ERR_MUTEX_INVALID` error will be returned.

ERRORS

MRAPI_ERR_MUTEX_ID_INVALID	The `mutex_id` parameter does not refer to a valid mutex or it is set to MRAPI_MUTEX_ID_ANY.
MRAPI_ERR_NODE_NOTINIT	The node/domain is not initialized.
MRAPI_ERR_DOMAIN_NOTSHARED	This resource can not be shared by this domain.
MRAPI_ERR_MUTEX_DELETED	If the mutex has been deleted then if `MRAPI_ERROR_EXT` attribute is set, MRAPI will return `MRAPI_ERR_MUTEX_DELETED` otherwise MRAPI will just return `MRAPI_ERR_MUTEX_ID_INVALID`.
MRAPI_ERR_NODE_NOTINIT	The calling node is not intialized.

NOTE

SEE ALSO

See mrapi_mutex_set_attribute().