

# LMX\_GetErrorMessage

The LMX\_GetErrorMessage function retrieves a NULL-terminated string for the last LM-X function call that occurred.

## Prototype

```
const char * LMX_GetErrorMessage
(
    LMX_HANDLE LmxHandle
);
```

## Parameters

**LmxHandle**  
[in] LM-X handle.

## Return values

The return value is a pointer to a NULL-terminated string that contains descriptive text for the error code.

## Remarks

This function returns a detailed message for the last LM-X function call that occurred.

The message includes the feature name, internal error code, and context-specific error whenever relevant. Typically, the context-specific error and internal error code are used only by X-Formation for support purposes.

## Example

```
LM-X Error: (Internal: 33 Feature: f1)
Feature not found
For further information go to http://www.x-formation.com
```

The pointer returned is guaranteed to be valid only until the next function call that uses the LmxHandle parameter. Accordingly, it is recommended not to store the pointer.

**Note:** You cannot call LMX\_GetErrorMessage from the heartbeat callback functions (see [Heartbeats](#) and [LMX\\_SetOption](#)). Instead, you may call [LMX\\_GetErrorMessageSimple](#).

The following is a basic example of using LMX\_GetErrorMessage, which returns a detailed error message for the last LM-X function call that occurred.

```
#include <lmx.h>
#include <stdio.h>

LMX_HANDLE h;

int main()
{
    LMX_FEATURE_INFO FI;

    exit_on_error(LMX_Init(&h));
    if (LMX_GetFeatureInfo(h, "nonExistingFeature", &FI) != LMX_SUCCESS)
    {
        if (h != NULL)
        {
            fprintf(stderr, "%s\n", LMX_GetErrorMessage(h));
            LMX_Free(h);
        }
        else
        {
            fprintf(stderr, "%s\n", LMX_GetErrorMessageSimple(s));
            fflush(stderr);
            return 1;
        }
    }
    return 0;
}
```