

# LMX\_GetError

The LMX\_GetError function returns an error structure containing the complete error message.

## Prototype

```
const LMX_ERROR_INFO *LMX_GetError
(
    LMX_HANDLE LmxHandle
);
```

## Parameters

### LmxHandle

[in] LM-X handle.

## Return values

The return value is a pointer to a structure containing the error information. See the lmx.h header file for details on this structure.

## Remarks

This function is useful for custom error processing, when you want to display the error message from LM-X in a custom format.

For each error message, you can retrieve a feature name to which the error applies, a context-specific error and an internal error code. Typically, the context-specific error and internal error code are used only by X-Formation for support purposes.

**Note:** [LMX\\_GetErrorMessage](#) prints the same error information, but the output is formatted.

## Example

The following example shows an error caused by checking out a non-existent feature. It also shows information contained in the LMX\_ERROR\_INFO structure and calls an exit() function.

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

LMX_HANDLE h;

int main()
{
    LMX_STATUS s;

    exit_on_error(LMX_Init(&h));
    if ((s = LMX_Checkout(h, "nonExistingFeature", 1, 1, 1)) != LMX_SUCCESS)
    {
        const LMX_ERROR_INFO* ePtr = LMX_GetError(h);
        fprintf(stderr, "Status: %s\n", LMX_GetErrorMessageSimple(s));
        fprintf(stderr, "Line: %d\n", ePtr->nInternal);
        fprintf(stderr, "Error code: %d\n", ePtr->nContext);
        fprintf(stderr, "Description: %s\n", ePtr->szDescription);
        fprintf(stderr, "Feature: %s\n", ePtr->szFeatureName);
        fflush(stderr);
        exit(1);
    }
    return 0;
}
```