

# LMX\_Checkin

The LMX\_Checkin function will return the licenses for a single checked in feature or all checked in features.

## Prototype

```
LMX_STATUS LMX_Checkin
(
    LMX_HANDLE LmxHandle,
    const char *szFeatureName,
    int nCount
);
```

## Parameters

### LmxHandle

[in/out] LM-X handle.

### szFeatureName

[in] Feature name. Use parameter LMX\_ALL\_FEATURES to check in all features.

### nCount

[in] Number of licenses to check in.

Use parameter LMX\_ALL\_LICENSES to check in all licenses.

## Return values

On success, this function returns the status code LMX\_SUCCESS.

On failure, this function returns an error code in the format described in [Return codes](#).

## Remarks

If all licenses are returned to a license server, the licensing system will also ensure that the network connection is closed.

Using LMX\_ALL\_FEATURES with borrow early return is not supported. Instead, check in the features individually.

## Example

The following example returns a license for feature "f2" to a license server.

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

LMX_HANDLE h;

int main()
{
    exit_on_error(LMX_Init(&h));
    exit_on_error(LMX_Checkin(h, "f2", 1));
    return 0;
}
```

The example below shows initializing LM-X and an attempt to check out a license, after which it displays information about the license including the time remaining to expiration and it tries to check in the license.

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

LMX_HANDLE h;

int main()
{
    exit_on_error(LMX_Init(&h));
    printf("LM-X client handle successfully initialized: %p\n",h);

    exit_on_error(LMX_Checkout(h, "f2", 1, 0, 1));
    printf("Get a license.\n");

    LMX_FEATURE_INFO FI;
    exit_on_error(LMX_GetFeatureInfo(h, "f2", &FI));

    printf("FeatureName : %s\n", FI.szFeatureName);
    printf("VendorName : %s\n", FI.szVendorName);
    int nTimeLeft;
    nTimeLeft = LMX_GetExpireTime(h, "f2");
    if (nTimeLeft == -2)
        printf("This feature does not expire\n");
    else if (nTimeLeft == -1)
        printf("This feature is expired\n");
    else
        printf("Hours left for this feature: %d\n", nTimeLeft);

    exit_on_error(LMX_Checkin(h, "f2", 1));
    printf("License returned.\n");

    LMX_Free(h);
    return 0;
}
```