

**BS2\_QueryDeviceLicense** ..... 1

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# BS2\_QueryDeviceLicense

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XS2-Finger	V1.2.0
XS2-Card	V1.2.0
BS3	V1.1.0

```
#include "BS_API.h"
```

```
int BS2_QueryDeviceLicense(void* context, uint32_t deviceId,
BS2_LICENSE_TYPE licenseType, BS2LicenseResult** outResultObj, uint32_t*
outNumOfResult);
```

## BS2LicenseResult

- [In] *context* : Context
- [In] *deviceId* :
- [In] *licenseType* :

0x0000	None
0x0001	Visual QR

- [Out] *outResultObj* :
- [Out] *outNumOfResult* :

outResultObj

[BS2\\_ReleaseObject](#)

BS\_SDK\_SUCCESS , 가

## (C++)

[sample\\_bs2\\_querydevicelicense.cpp](#)

```
int getDeviceLicense(void* context, BS2_DEVICE_ID id)
{
    DeviceControl dc(context);
    BS2LicenseBlob licenseBlob = { , };
    vector<BS2LicenseResult> licenseResult;
    int sdkResult = BS_SDK_SUCCESS;

    BS2_LICENSE_TYPE licenseType =
    (BS2_LICENSE_TYPE)Utility::getInput<uint32_t>("Enter the license type.
    (0: None, 1: Visual QR)");
    sdkResult = dc.queryDeviceLicense(id, licenseType, licenseResult);
    if (BS_SDK_SUCCESS == sdkResult)
        DeviceControl::print(licenseResult);

    return sdkResult;
}

int DeviceControl::queryDeviceLicense(BS2_DEVICE_ID id,
BS2_LICENSE_TYPE licenseType, vector<BS2LicenseResult>& licenseResult)
{
    BS2LicenseResult* result = NULL;
    uint32_t numOfResult = ;
    int sdkResult = BS2_QueryDeviceLicense(context_, id, licenseType,
    &result, &numOfResult);
    if (BS_SDK_SUCCESS != sdkResult)
    {
        TRACE("BS2_QueryDeviceLicense call failed: %d", sdkResult);
        return sdkResult;
    }

    licenseResult.clear();
    for (uint32_t idx = ; idx < numOfResult; idx++)
    {
        licenseResult.push_back(result[idx]);
    }

    return sdkResult;
}
```

**(C#)**[sample\\_bs2\\_querydevicelicense.cs](#)

```
Console.WriteLine("Trying to get a license");

Console.WriteLine("Enter the license type. (0: None, 1: Visual QR)");
Console.Write(">>>> ");
UInt16 licenseType =
Util.GetInput((UInt16)BS2LicenseType.VISUAL_QR_MASK);

IntPtr resultObj = IntPtr.Zero;
UInt32 numOfResult = ;

BS2ErrorCode result =
(BS2ErrorCode)API.BS2_QueryDeviceLicense(sdkContext, deviceID,
licenseType, out resultObj, out numOfResult);

if (BS2ErrorCode.BS_SDK_SUCCESS != result)
{
    Console.WriteLine("Got error({0}).", result);
}
else
{
    IntPtr curResult = resultObj;
    int resultSize = Marshal.SizeOf(typeof(BS2LicenseResult));
    for (UInt32 idx = ; idx < numOfResult; idx++)
    {
        BS2LicenseResult item =
        (BS2LicenseResult)Marshal.PtrToStructure(curResult,
        typeof(BS2LicenseResult));
        print(item, idx);
        curResult += resultSize;
    }

    API.BS2_ReleaseObject(resultObj);
}
```

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