

**BS2\_GetUserDatasEx** ..... 1

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..... 2

..... 2

..... 3

# BS2\_GetUserDatasEx

[+ 2.5.0] userMask 가 가 . .

```
#include "BS_API.h"

int BS2_GetUserDatasEx(void* context, uint32_t deviceId, char* uids,
uint32_t uidCount, BS2UserBlobEx* userBlob, BS2_USER_MASK userMask);
```

BS2UserBlobEx

- [In] *context* : Context
- [In] *deviceId* :
- [In] *uids* : 가
- [In] *uidCount* :
- [Out] *userBlob* :
- [In] *userMask* : Mask

0x0000	
0x0001	data
0x0002	
0x0004	
0x0008	
0x0010	PIN
0x0020	
0x0040	
0x0080	
0x0100	
0x0200	
0x0400	
0x0800	(FaceStation F2)
0x1000	(FaceStation F2)
0xFFFF	

BS\_SDK\_SUCCESS , 가

C#

```
if (numUserIds > )
    {
        IntPtr curUidObjs = outUidObjs;
        BS2UserBlob[] userBlobs = new
BS2UserBlob[USER_PAGE_SIZE];

        Console.WriteLine("Number of users : ({0}).",
numUserIds);
        for (UInt32 idx = ; idx < numUserIds; )
        {
            UInt32 available = numUserIds - idx;
            if(available > USER_PAGE_SIZE)
            {
                available = USER_PAGE_SIZE;
            }

            result =
(BS2ErrorCode)API.BS2_GetUserDatas(sdkContext, deviceID, curUidObjs,
available, userBlobs, (UInt32)BS2UserMaskEnum.ALL);
            if (result == BS2ErrorCode.BS_SDK_SUCCESS)
            {
                for (UInt32 loop = ; loop < available; ++loop)
                {
                    print(sdkContext, userBlobs[loop].user);
                    // don't need to release cardObj, FingerObj,
FaceObj because we get only BS2User
                    if (userBlobs[loop].cardObjs != IntPtr.Zero)
API.BS2_ReleaseObject(userBlobs[loop].cardObjs);
                    if (userBlobs[loop].fingerObjs !=
IntPtr.Zero)
API.BS2_ReleaseObject(userBlobs[loop].fingerObjs);
                    if (userBlobs[loop].faceObjs != IntPtr.Zero)
API.BS2_ReleaseObject(userBlobs[loop].faceObjs);
                }

                idx += available;
                curUidObjs +=
(int)available*BS2Environment.BS2_USER_ID_SIZE;
            }
            else
```

```
        {  
            Console.WriteLine("Got error({0}).", result);  
            break;  
        }  
    }  
  
    API.BS2_ReleaseObject(outUids);  
}
```

[BS2\\_GetUserList](#)  
[BS2\\_RemoveUser](#)  
[BS2\\_RemoveAllUser](#)  
[BS2\\_GetUserInfos](#)  
[BS2\\_GetUserInfosEx](#)  
[BS2\\_EnrolUser](#)  
[BS2\\_EnrolUserEx](#)  
[BS2\\_GetUserDatas](#)  
[BS2\\_GetUserDatasEx](#)

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