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## BS2\_SetSocketRetryCount

[+ 2.9.1] During normal TCP/IP socket communication, if an error occurs while reading and writing packets from the socket in the communication section, the SDK automatically retries a certain number of times.

This API can change the number of retries.

### CAUTION

Increasing the number of retries is a good solution to resolve temporary errors, but be careful as it can waste resources by retrying meaningless reads/writes when reconnecting is required due to direct causes, such as network disconnection.

## Declaration

```
#include "BS_API.h"

int BS2_SetSocketRetryCount(void* context, uint32_t count);
```

## Parameter

- [In] *context* : Context
- [In] *count* : Retry count setting value

## Return Value

If successfully done, BS\_SDK\_SUCCESS will be returned. If there is an error, the corresponding error code will be returned.

## See Also

[BS2\\_GetSocketRetryCount](#)

## Sample Code(C++)

[sample\\_setdebugfilelogex.cpp](#)

```
const char* CURRENT_DIR = ".";
const int MAX_SIZE_LOG_FILE = 100; // 100MB
int sdkResult = BS2_SetDebugFileLogEx(DEBUG_LOG_ALL, DEBUG_MODULE_ALL,
CURRENT_DIR, MAX_SIZE_LOG_FILE);
if (BS_SDK_SUCCESS != sdkResult)
{
    printf("BS2_SetDebugFileLogEx call failed: %d", sdkResult);
    return;
}
```

## Sample Code (C#)

[sample\\_setdebugfilelogex.cs](#)

```
const string CURRENT_DIR = ".";
const int MAX_SIZE_LOG_FILE = 100; // 100MB
IntPtr ptrDir = Marshal.StringToHGlobalAnsi(CURRENT_DIR);
result =
(BS2ErrorCode)API.BS2_SetDebugFileLogEx(Constants.DEBUG_LOG_OPERATION_A
LL, Constants.DEBUG_MODULE_ALL, ptrDir, MAX_SIZE_LOG_FILE);
Marshal.FreeHGlobal(ptrDir);
if (result != BS2ErrorCode.BS_SDK_SUCCESS)
{
    Console.WriteLine("Got error({0}).", result);
    return;
}
```

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