

C:\Users\Deekshitha Reddy\OneDrive\Documents\OS9.cpp - [Executing] - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project Classes Debug OS6.cpp OS7.cpp OS8.cpp OS9.cpp

```
1 #include <windows.h>
2 #include <stdio.h>
3
4 int main() {
5     const int SIZE = 256;
6     const char *sharedName = "Global\\SimpleSharedMemory";
7     HANDLE hMapFile = CreateFileMapping(
8         INVALID_HANDLE_VALUE, // Use system paging file
9         NULL, // Default security
10        PAGE_READWRITE, // Read/write access
11        0, // Max size (high-order DWORD)
12        SIZE, // Max size (Low-order DWORD)
13        sharedName); // Name of mapping object
14    if (hMapFile == NULL) {
15        printf("Could not create file mapping (%d).\n", GetLastError());
16        return 1;
17    }
18    LPCTSTR pBuf = (LPTSTR) MapViewOfFile(
19        hMapFile, // Handle to map object
20        FILE_MAP_ALL_ACCESS, // Read/write permission
21        0, 0, SIZE);
22    if (pBuf == NULL) {
23        printf("Could not map view of file (%d).\n", GetLastError());
24        CloseHandle(hMapFile);
25        return 1;
26    }
27    const char *msg = "IPC with Shared Memory in Windows!";
28    CopyMemory((PVOID)pBuf, msg, strlen(msg) + 1);
29    printf("Writer: Message written: %s\n", msg);
30    printf("Reader: Message read: %s\n", pBuf);
31    UnmapViewOfFile(pBuf);
32}
```

Compiler Resources Compile Log Debug Find Results Close

Abort Compilation

Output Filename: C:\Users\Deekshitha Reddy\OneDrive\Documents\OS9.exe  
Output Size: 129.70703125 KiB  
Compilation Time: 1.50s

Shorten compiler paths

Line: 35 Col: 2 Sel: 0 Lines: 35 Length: 1300 Insert Done parsing in 5.1

C:\Users\Deekshitha Reddy\O

Could not create file mapping (5).

-----  
Process exited after 0.3879 seconds with return value 1  
Press any key to continue . . .

34°C Mostly cloudy

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