

```
// lParam points to data located in user space
void win32k_function(... LPARAM lParam, ...)
{
    DWORD cbCapture;
    ...
    my_struct = (PMY_STRUCT)lParam;

    // first fetch
    cbCapture = sizeof(MY_STRUCT) + my_struct->cbData;
    ...
    pNew = UserAllocPoolWithQuota(cbCapture, AG_SMS_CAPTURE)
    if (pNew != NULL)
    {
        RtlCopyMemory(pNew, my_struct, sizeof(MY_STRUCT);
        // second fetch
        RtlCopyMemory(pNew, my_struct->lpData, my_struct->cbData);
    }
    ...
}
```