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Subject: How to set progress in taskbar button

Posted by [koldo](#) on Wed, 10 Jan 2018 07:48:08 GMT

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This code snippet displays a progress indicator in the Windows 7-10 taskbar button.  
It has just 3 functions: Init(), SetValue(val, max) and End().

```
#if defined(PLATFORM_WIN32)

#include <winnls.h>
#include <winnetwk.h>

#define Ptr Ptr_
#define CY tagCY
#include <wincon.h>
#include <shlobj.h>
#undef CY
#undef Ptr

class TaskbarProgress {
public:
    TaskbarProgress() : m_hWnd(0) {}
    void Init() {
        m_hWnd = ::GetActiveWindow();
        HRESULT hres;
        hres = CoInitialize(NULL);
        hres = CoCreateInstance(CLSID_TaskbarList, NULL, CLSCTX_ALL, IID_ITaskbarList3,
(void**)&m_pTaskBarlist);
        m_pTaskBarlist->SetProgressState(m_hWnd, TBPF_INDETERMINATE);
    }
    void SetValue(int val, int max) {
        ASSERT(val >= 0 && val <= max);
        if (!m_hWnd)
            return;
        m_pTaskBarlist->SetProgressValue(m_hWnd, val, max);
    }
    void End() {
        if (!m_hWnd)
            return;
        m_pTaskBarlist->SetProgressState(m_hWnd, TBPF_NOPROGRESS);
        m_pTaskBarlist->Release();
        m_hWnd = 0;
    }

private:
    ITaskbarList3* m_pTaskBarlist;
```

```
HWND m_hWnd;  
};
```

```
#endif
```

## File Attachments

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1) [index.jpg](#), downloaded 965 times

