
Subject: TrayIcon Tool tips text lenght limited
Posted by [lucpolak](#) on Thu, 23 Dec 2010 14:34:32 GMT
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Hello,

I have a problem using the Tip method. Thes text is truncated after 60 characters :

The code behind this line is :

Why is it limited ?

When developping with MSVC, the text is not truncated...

Lucas

Subject: Re: TrayIcon Tool tips text lenght limited
Posted by [lucpolak](#) on Thu, 23 Dec 2010 14:49:50 GMT
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Hello,

I find in the TrayIconWin32.cpp the function Notify which truncate the text to 60 characters :

```
void TrayIcon::Notify(dword msg)
{
    if(visible) {
        nid.flags = NIF_ICON|NIF_MESSAGE|NIF_TIP;
        if(nid.icon)
            DestroyIcon(nid.icon);
        nid.icon = IconWin32(icon);
        String stip = ToSystemCharset(tip);
        int len = min(stip.GetLength(), 60);
        memcpy(nid.tip, stip, len);
        nid.tip[len] = 0;
        VERIFY(Shell_NotifyIcon(msg, (NOTIFYICONDATA *)&nid));
    }
}
```

I'va modified the line

```
int len = min(stip.GetLength(), 60);
```

to

```
int len = stip.GetLength();
```

And it's works fine.

Lucas

Subject: Re: TrayIcon Tool tips text lenght limited
Posted by [lucpolak](#) on Thu, 23 Dec 2010 15:14:02 GMT
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I'm seen in the MSDN and the text limit is effectively 64 bytes :

```
typedef struct _NOTIFYICONDATA {
    DWORD cbSize;
    HWND hWnd;
    UINT uID;
    UINT uFlags;
    UINT uCallbackMessage;
    HICON hIcon;
    TCHAR szTip[64];
    DWORD dwState;
    DWORD dwStateMask;
    TCHAR szInfo[256];
    union {
        UINT uTimeout;
        UINT uVersion;
    };
    TCHAR szInfoTitle[64];
    DWORD dwInfoFlags;
    GUID guidItem;
    HICON hBalloonIcon;
} NOTIFYICONDATA, *PNOTIFYICONDATA;
```

But some paragraphs later :

szTip
TCHAR

A null-terminated string that specifies the text for a standard tooltip. It can have a maximum of 64 characters, including the terminating null character.

For Windows 2000 and later, szTip can have a maximum of 128 characters, including the terminating null character.

So I think that we can consider a max length of 128 and not 64

```
int len = min(stip.GetLength(), 127);
```

Subject: Re: TrayIcon Tool tips text lenght limited
Posted by [koldo](#) on Thu, 23 Dec 2010 15:22:49 GMT
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It seems right. Could it be included?

Subject: Re: TrayIcon Tool tips text lenght limited
Posted by [mirek](#) on Sun, 26 Dec 2010 10:49:48 GMT
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OK, applied. TrayIcon was added a couple of years ago when we still needed to support Win98....
But I guess we can finally forget about pre-Win2K days...