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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

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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

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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);
```

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Subject: Re: Traylcon 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?

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Subject: Re: Traylcon Tool tips text lenght limited  
Posted by [mirek](#) on Sun, 26 Dec 2010 10:49:48 GMT  
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OK, applied. Traylcon 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...