
Subject: Re: [SSGM 4.0 Plugin] RadioCommands
Posted by [cAmpa](#) on Thu, 05 Jul 2012 11:23:39 GMT
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TT should remove WideCharToChar or replace it with this function.
This one doesn't create memleaks.

```
Quote:const char* WideCharToChar
(const wchar_t* string)
{
    struct AutoDelete
    {
    public:
        char* pointer;

        AutoDelete() : pointer(0) {}
        ~AutoDelete() { delete[] this->pointer; }
    };

    static AutoDelete _autoDelete[10];
    static unsigned int _index = 0;

    if (!string || !*string)
        return "";

    ++_index;
    if (_index >= 10)
        _index = 0;

    if (_autoDelete[_index].pointer)
        delete[] _autoDelete[_index].pointer;

    int length = ::wcslen (string);
    char* text = new char[length + 1];

    _autoDelete[_index].pointer = text;

    ::wcstombs (text, string, length + 1);

    return text;
}
```
