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Subject: [Resolved] char\* with "\0" between each char  
Posted by [Xemuth](#) on Fri, 11 Jan 2019 12:56:16 GMT  
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Hello there !

First of all, I wish you all a happy new year !  
Today I'm trying to take control of Excel via OLE I did this code :

```
char* MyExcel::TestingNameOfSheet(){  
  
    VARIANT AppResult={0};  
    VARIANT AtmSheet={0};  
  
    VariantInit(&AppResult);  
    VariantInit(&AtmSheet);  
    VariantClear(&lgVariant);  
  
    lgVariant.vt = VT_I4;  
    lgVariant.lVal = 2;  
  
    AutoWrap(DISPATCH_PROPERTYGET|DISPATCH_METHOD, &AppResult,xlApp.pdispVal,  
L"Worksheets", 1, lgVariant);  
    AutoWrap(DISPATCH_PROPERTYGET, &AtmSheet, AppResult.pdispVal, L"Name", 0);  
  
    return AtmSheet.pcVal;  
}
```

Somewhere else in my code I did this :

```
...  
test = excel.TestingNameOfSheet();  
Cout() << "-----Begin-----" << "\n";  
if(test !=0){  
    do{  
        Cout() << (int)*test << "\n";  
    }while(++test);  
}  
Cout() << "\n-----Leave-----" << "\n";  
...
```

this code put into test the name of sheet2 from excel. in my case ("Feuil2").  
problem is, when I read it with my "do while" I only get "F" because test is equal to  
"F\0e\0u\0i\0\02\0\0\0\0\0 ...".

Can someone explain me why test looks like that ? is it normal ? Or did I make something like classic OLE error ?

Thanks in advance



Best Regard

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Subject: Re: char\* with "\0" between each char  
Posted by [koldo](#) on Sat, 12 Jan 2019 23:19:42 GMT  
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Hello Xemuth

I am not able to answer you know. However you may check  
Bazaar/OfficeAutomation\_demo\_console that uses Bazaar/OfficeAutomation package to handle  
Excel and Word files.

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Subject: Re: char\* with "\0" between each char  
Posted by [Xemuth](#) on Mon, 14 Jan 2019 11:14:01 GMT  
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Hello Koldo,

Thanks for your response,  
I still has check Bazaar/OfficeAutomation\_demo\_console and the code looks really more  
complicated than mine.  
I think I did something wrong ^^'

Have a nice day

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Subject: Re: char\* with "\0" between each char  
Posted by [Xemuth](#) on Wed, 16 Jan 2019 08:17:57 GMT  
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Hello Again,

I have resolved my problem, the char \* I tried to read was a bstr.  
To make it readable as normal char \* it need to be cast to ASCII char \* via this kind of func :

```
void BSTRtoASC (BSTR str,char * resultat){
    if ( str != NULL ) {
        unsigned long length = WideCharToMultiByte (CP_ACP,0, str,SysStringLen(str), NULL, 0,NULL,
        NULL );
        length = WideCharToMultiByte (CP_ACP,0, str,SysStringLen(str), resultat, length,NULL, NULL );
        resultat[length] = '\0';
    }
}
```



}

Have a good day

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