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OutputDebugString with variable number of arguments



Contributed by **shabbir** () On 8th June, 2006

This is an article on *OutputDebugString with variable number of arguments in MFC*.

Rated 5.00 By 1 users

Most often a question comes in my mind that why OutputDebugString does not take variable no of arguments like the TRACE or printf function. I dont know the reason why but I have a solution to the problem.

This article is for those OutputDebugString fan's who are annoyed to use the CString and format the string with the variables like

Code: CPP

```
CString OutMsg;
OutMsg.Format("FUNCTION NAME >> VARIABLE NAME = %d",VAR_NAME);
OutputDebugString(OutMsg);
```

Here is the substituted function

Code: CPP

```
case 's':
{
    char* s = va_arg( argptr, char * );
    sprintf(OutMsg,format,s);
    strcpy( format,OutMsg);
    j = strlen(format);
    strcat( format," ");
    break;
}
// character
case 'c':
{
    char c = (char) va_arg( argptr, int );
    sprintf(OutMsg,format,c);
    strcpy( format,OutMsg);
    j = strlen(format);
    strcat( format," ");
    break;
}
// integer
case 'd':
{
```

Download the cpp file and see how it works.

I have taken care of escape character \, string %, integers %d and characters %c but you can add the floating point numbers and many more.

Attached Files

OutputDebugString.zip (666 Bytes, 89 views)

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TEJUS
Go4Expert Member

15Aug2006, 15:59 #2

VER NICE, YOU ARE A VERY CLEVER PERSON, I'M ALSO THANKING U FOR REPLYING TO MY ARTICLE 'FRIENDSHIP CALCULATOR & HANGMAN'. MY NAME IS TEJUS.

I WAS VERY SAD BECAUSE NOONE DIDN'T REPLY TO ME TILL UR REPLY.

I AM STUDYING IN 'VI'(6TH)'IN S.N.PUBLIC SCHOOL ,KOLLAM



shabbir
Go4Expert Founder



15Aug2006, 16:49 #3

I could not get you which reply you are talking about.



TEJUS
Go4Expert Member

3Nov2006, 19:06 #4

just leave it.



BlasterBlang
Go4Expert Member

14Nov2006, 12:19 #5

Thanks for the code. but it doesnt find helping in trace.



BlasterBlang
Go4Expert Member

14Nov2006, 12:25 #6

but neway ur code have provided much knowledge to reslove problem.

Last edited by shabbir; 14Nov2006 at 14:02.. Reason: Confine links to signatures only



shabbir
Go4Expert Founder



14Nov2006, 14:03 #7

BlasterBlang, Please confine links to signatures only



aisha.ansari84
Contributor

5Mar2008, 18:51 #8

i m not so clear with it



rahul.mca2001
Ambitious contributor

6Mar2008, 13:17 #9

not clear



shabbir
Go4Expert Founder



6Mar2008, 13:22 #10

Can you clarify what is not clear?

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