
Subject: More small gems

Posted by [koldo](#) on Sat, 04 Oct 2008 13:24:57 GMT

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Dear all

Here I enclose you more functions that I have prepared taking code from Upp itself, but that are not declared. There is also something from myself:

String GetComputerName()

- Returns computer name

String GetUserName()

- Returns user name

String GetEnvironmentVariable(const char *str)

- Return the environment variable

String GetDesktopManager()

- Returns Windows, Gnome, Kde or Unknown

Sorry: I have only tested GetDesktopManager() in Ubuntu and Windows. Please check it in other desktop like Kde.

Best regards

Koldo

File Attachments

1) [Funs.cpp](#), downloaded 601 times

Subject: Re: More small gems

Posted by [mirek](#) on Sat, 18 Oct 2008 17:48:04 GMT

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Thanks, adapted to Core:

String GetEnv(const char *id)

```
{  
    return FromSystemCharset(getenv(id));  
}
```

String GetComputerName()

```
{  
    char temp[256];  
    *temp = 0;  
    #if defined(PLATFORM_WIN32)
```

```
dword w = 255;
::GetComputerNameA(temp, &w);
#else
gethostname(temp, sizeof(temp));
#endif
return FromSystemCharset(temp);
}
```

```
String GetUserName()
{
char temp[256];
*temp = 0;
#ifdef PLATFORM_WIN32
dword w = 255;
::GetUserNameA(temp, &w);
return FromSystemCharset(temp);
#else
return Nvl(GetEnv("USER"), "boot");
#endif
}
```

```
String GetDesktopManager()
{
#ifdef PLATFORM_WIN32 && !defined(PLATFORM_WINCE)
return "windows";
#endif
#ifdef PLATFORM_POSIX
if(GetEnv("GNOME_DESKTOP_SESSION_ID").GetCount())
return "gnome";
if(GetEnv("KDE_FULL_SESSION").GetCount() || GetEnv("KDEDIR").GetCount())
return "kde";
return GetEnv("DESKTOP_SESSION");
#endif
}
```

(Note the change in GetDektoManager return values...)

Mirek

Subject: Re: More small gems
Posted by [koldo](#) on Sat, 18 Oct 2008 18:07:30 GMT
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Thank you

I am really happy to help.

Best regards
Koldo
