

---

**Subject:** More small gems

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

[View Forum Message](#) <> [Reply to Message](#)

---

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 GetUser Name()

- 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 496 times

---

---

**Subject:** Re: More small gems

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

[View Forum Message](#) <> [Reply to Message](#)

---

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;
#if defined(PLATFORM_WIN32)
dword w = 255;
::GetUserNameA(temp, &w);
return FromSystemCharset(temp);
#else
return Nvl(GetEnv("USER"), "boot");
#endif
}

String GetDesktopManager()
{
#if defined(PLATFORM_WIN32) && !defined(PLATFORM_WINCE)
return "windows";
#endif
#ifndef 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  
[View Forum Message](#) <> [Reply to Message](#)

---

Thank you

I am really happy to help.

Best regards  
Koldo

---