
Subject: Re: More new functions

Posted by [koldo](#) on Wed, 19 Nov 2008 16:44:39 GMT

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

Here it is!

I enclose you two folders:

- SysInfo: The package
 - SysInfo.cpp
 - SysInfo.h
 - SysInfo.hpp
- SysInfo demo non-gui: A command line sample
 - main.cpp: The sample
 - SysInfo demo non-gui.hpp

Finally I have included much more functions. Just run the demo program and play with it.

There are "SysInfo" functions and others, mainly because they were necessary. Please tell me the best way to organize them to be enclosed some in bazaar and some in other packages.

The next steps will be in addition to do a gui demo and to test the commands in more distros and OS as FreeBSD, OpenSolaris, Slackware and Knoppix. And of course to fix bugs and include more things if you want.

Best regards
Koldo

PD. I enclose you part of the program output as a sample:

Introduce enter or (l) to log off, (r) to reboot or (s) to shutdown

Introduce number of test cycles or just type enter to run it once:

SysInfo functions demo

Special folders

Desktop: /home/aupa/Escritorio
Programs: /usr/bin
Application Data: /home/aupa
Music: /home/aupa/Escritorio
Pictures: /home/aupa/Escritorio
Video: /home/aupa/Escritorio
Personal: /home/aupa/Escritorio
Templates: /home/aupa/Escritorio
Download: /home/aupa/Escritorio
Temp: /home/aupa
Os: /bin
System:

System info:

System manufacturer 'TOSHIBA', product name 'Satellite A300',
version 'PSWJ0E-21403CE', number of processors: 2

Real CPU Speed: 1.830 GHz

Battery info

Working with battery: yes, Percentage: 85%, Remaining: 151 min

Bios version 'V2.70 ',
release date '04/14/2008'

Processor #0: Vendor 'GenuineIntel',
identifier 'Intel(R) Core(TM)2 Duo CPU T5550 @ 1.83GHz',
architecture 'i686

Family 6 Model 15 Stepping 13', speed 1833 MHz

Processor #1: Vendor 'GenuineIntel',
identifier 'Intel(R) Core(TM)2 Duo CPU T5550 @ 1.83GHz',
architecture 'i686

Family 6 Model 15 Stepping 13', speed 1833 MHz

Press enter to continue...

Memory info:

Percent of memory in use: 75%

Total physical memory: 2116001792 bytes (2.0Gb)

Free physical memory: 518352896 bytes (494.3Mb)

Total paging file: 729112576 bytes (695.3Mb)

Free paging file: 0 bytes (0b)

Total virtual memory: 4721266688 bytes (4.4Gb)

Free virtual memory: 4721266688 bytes (4.4Gb)

Os info:

Kernel: Linux, version: 2.6.24-21-generic #1 SMP Tue Oct 21 23:43:45 UTC 2008,
architecture: i686

Distro: ubuntu, version: 8.04

Desktop: gnome, version: 2.22.3

Program compiled with gnuc version 40103. Compilation date: Nov 19 2008

Default exes info:

Default program for 'html' is 'firefox.desktop'

Default program for 'doc' is 'ooo-writer.desktop'

Default program for 'png' is 'eog.desktop'

Default program for 'pdf' is 'evince.desktop'

Default program for 'txt' is 'gedit.desktop'

Default program for 'xyz' is "

Drives list:

Drive path: '/'

Type: 'Hard', Volume: 'Linux',

MaxName: 255, File System: ext3
Free Bytes User: 46895562752 (43.7Gb)
Total Bytes User: 54519554048 (50.8Gb), Total Free Bytes: 46895562752 (43.7Gb)
Drive path: '/home'
Type: 'Hard', Volume: 'Shared drive',
MaxName: 255, File System: ext3
Free Bytes User: 71834021888 (66.9Gb)
Total Bytes User: 130094362624 (121.2Gb), Total Free Bytes: 71834021888 (66.9Gb)

Other Info:

Process Id: 17248
Process name: 'demo'
Process file name: '/home/exe/demo'
Process priority is: 5
Now changed to high priority: No
Process priority is: 5

Launch file 'test.txt':

If modify 'test.txt' it will ask you to save or not the file
If you answer Yes or No the program will be terminated
If you answer Cancel or wait more than 5 seconds the program will be killed

Press enter to terminate 'test.txt'

Process terminated

Windows list:

Window hwnd: 41943086, processId: 6154, Name: gdesklets-daemon
File name: /usr/bin/python2.5
Window caption: 'gdesklets-daemon'
Window hwnd: 16821977, processId: 5995, Name: nautilus
File name: /usr/bin/nautilus
Window caption: 'SysInfo demo non-gui - Navegador de archivos'
Window hwnd: 35654762, processId: 0, Name: theide-svn
File name:
Window caption: 'SysInfo demo non-gui - - TheIDE - [/home/SysInfo/SysInfo.cpp UTF-8] {
MyApps }'

Process list:

Id 5898: Priority: 5, Program: /usr/bin/gnome-session
Id 5948: Priority: 5, Program: /usr/lib/libgconf2-4/gconfd-2
Id 5956: Priority: 5, Program: /usr/bin/seahorse-agent
Id 17071: Priority: 5, Program: /usr/bin/theide-svn

File Attachments

1) [SysInfo.7z](#), downloaded 452 times