Libso eafit

Multiplatform os-utils

Author:	Sebastián Castillo Builes <castillobuiles@gmail.com>
Version:	0.1-20101110
Dedication:	As God begins with it, as well as everything converges on it, and ur name begins with it too, everything in my life begins and converges to u *my little son*

This is just for fun dont take it so serious. Actually its developed just for the OS course at EAFIT.

Features

List system process
   List of PID's of running processes
Get CPU usage
   Get a value between 0 - 1 meaning percent of busy cpu

Examples

ps
   Report a snapshot of the current processes.

On Debian systems, ps comes with the package *procps*:

```
scastillo@cantor:~$ which ps
/bin/ps
scastillo@cantor:~$ apt-file search /bin/ps | grep "/bin/ps$"
procps: /bin/ps
```

top
   Dinamyc real-time display of Linux tasks.

On Debian systems, ps comes in the same package:

```
scastillo@cantor:~$ which top
/usr/bin/top
scastillo@cantor:~$ apt-file search /usr/bin/top | grep "/usr/bin/top$"
procps: /usr/bin/top
```

procps
   /proc file system utilities

On Debian systems this is the information about this package:

```
scastillo@cantor:~$ aptitude show procps
Package: procps
State: installed
Automatically installed: no
Version: 1:3.2.8-9
Priority: important
Section: admin
```

```
Maintainer: Craig Small <csmall@debian.org>
Uncompressed Size: 791k
Depends: libc6 (>= 2.3.4), libncurses5 (>= 5.7+20100313), libncursesw5 (>= 5.7+20100313), lsb-base (>= 3.0-10), initscripts
Recommends: psmisc
Conflicts: libproc-dev (< 1:1.2.6-2), pgrep (< 3.3-5), procps-nonfree, w-bassman (< 1.0-3), watch
Replaces: bsdutils (< 2.9x-1), watch
Provides: watch
Description: /proc file system utilities
  This package provides command line and full screen utilities for browsing procfs,
  a "pseudo" file system dynamically generated by the kernel to provide information about the status
  of entries in its process table (such as whether the process is running, stopped, or a "zombie").

  It contains free, kill, pkill, pgrep, pmap, ps, pwdx, skill, slabtop, snice, sysctl, tload,
  top, uptime, vmstat, w, and watch.

  Homepage: http://procps.sf.net/
```