Tuesday, September 11. 2007

PSPSSH : SSH2 Client for PSP v1.0.9 (latin1)

Hi All,

For those who haven't seen the previous version, Dropbear is a small SSH2 Server
and Client running on a variety of POSIX-based platforms.
It has been mainly developed by Matt Johnston (see matt's web site).

PSPSSH is a port of the version 0.48.1 to the PSP.

This ssh client gives you a remote access to your PC (if you have a SSH server installed of course), and you can then
enter commands and run scripts as if you were directly in front of your PC.

This software is usefull for linux users who might want to connect to their PC/server from anywhere using a wifi
connection, and then read their mail using text based tool such as pine, elm or mutt, run text irc client, watch log files,
edit configuration files, restart services etc ...

 Change log :

What's new in version 1.0.9 :

- Add iso8859-1 characters support in vt100 emulation
- Add word.txt file to paste words in vt100 console
  (words in this file can be written using UTF8 / unicode)
- All text fonts are now compatible with iso8859-1 characters
- Add all iso8859-1 characters in danzeff virtual keyboard
- Bug fix in IR keyboard .ini files with UTF8 specification
  (for example mapping string such as "u+c3a0" didn't work properly)
- New targus mapping with french characters mapped from ALT 1 up to ALT -
  (see targus-include.ini file for more details)

 Credits and license :

The terminal Vt100 emulation part of PSPSSH is based on the work
of Danzel for his Telnet client for PSP.

The IR keyboard support is based on the work of Harald Fielker
(author of the PSP IR Keyboard Library)

This software is distributed under several open-source/free software
licenses, and mainly the MIT/X Consortium License.

See LICENSE.txt file for all details and information about it.

It has been developed on linux for Firmware 1.5 and 3.40-OE, and for the IR keyboard
part it has been tested using a Targus Universal IR Wireless keyboard.

How to use it ? Everything is in the README.txt file.

 Download :

A binary version for firmware 1.5 is available here :
pspssh-v1.0.9-fw15.zip

A binary version for firmware 3.x-OE is available here :
pspssh-v1.0.9-fw3x.zip

Sources are here :
pspssh-v1.0.9-src.zip

Thanks to Matt Johnston for Dropbear, to Danzel and Jeff Chen for their virtual keyboard,
thanks once more to Danzel for the VT100 emulation, and thanks to all PSPSDK coders.

  Enjoy,

      Zx

If you want to discuss on this emulator, you can do it there :
zx81's forum on dcemu network or zx81's forum on qj.net

 Posted by zx-81 in SSH Client at 20:35

Superb!!! thanks!!

Juan
   siette on Sep 12 2007, 21:49

Thanks for your comment,

Zx
   zx-81 on Sep 12 2007, 22:57

Superb app, mut my IRSSI doesn't work very good. If you get irssi work as good as example on nutty, then this is perfect.
   ISO-B on Oct 8 2007, 07:48

I've tried your programm with a local server and with a server on the internet but after a long "trying to connect" it tells me "connection failed".
The ssh servers run well and I can connect to them with the psp via http. My wlan connection is WPA encrypted and wlan power save is off.
I've got no more Idea what to try.
   Mr.Q on Oct 17 2007, 15:49

i tried pspssh 1.08 and 1.09 on my PSP 3.71 M33
I connect to my debian pc at 192.168.1.2 log in and im able to do a few commands, but it stops receiving text from server after i while. it happens with commands like dmesg, top, ls -al in directories containing many files.

i think its a great and one of the most usefull programs of the few i have on my psp and i would be very happy if i could make it work correctly.
   goauld on Oct 18 2007, 05:57

Have you tried to see in the log file of your server to see what happens ? Sorry for the noob question but have you verified that you provide the right password ?

Zx
   zx-81 on Oct 18 2007, 23:36

It works nearly fine on mine (i'm on 3.40-OE) and i can't reproduce your bug

Zx
   zx-81 on Oct 18 2007, 23:38

i figured out that maybe i needed to replace my openssh with dropbear server and now it works perfectly.

im happy now that i can do nice things with this now ill look if i can underclock the psp to 25mhz or so, ssh doesnt need 222 to operate that program for battery savings,

greetings!
   goauld on Oct 20 2007, 02:12

Does this work with dsa keys?
The changelog for Dropbear SSH seems to indicate support for dsa while your readme states only rsa.
Whether dsa is supported or not I look forward to using this, yet another, great app from you.

thanks, John
   john on Nov 12 2007, 13:38

dsa keys should work properly,

Zx
   zx-81 on Nov 12 2007, 17:45

I have any question, can i use PSPSSH with protocol TELNET?
and other question, is possible to use the USB port of the PSP as COM port and if possible can I use PSPSSH?
   Luisbu on Dec 5 2007, 16:22

Hi,

PSP SSh is a SSH client, so it doesn't work with telnet protocol (see peldet if you need a telnet client).

Afaik usb port of the PSP can only be used as a removable USB storage device (i mean when connected with a PC).

Cheers,   Zx
   Anonymous on Dec 5 2007, 17:57

OK, I´ll try peldet software and the other question i think that if i connect GPS in the port USB the conexión is COM configuration and i had think that if it´s correct the port USB it might be used as port COM, the problem is that i haven´t software for try. do you know any soft?

Thanks for your comment, Luis
   Anonymous on Dec 5 2007, 20:32

I can connect, it works fine for a while and then stops receiving any data. The easiest way for me to find this out, was watching graphs from the bandwidth monitor slurm.

I'm running OpenSSH SSH daemon on Debian 4 (2.6.1.
If somebody knows a solution to this, please send me an e-mail.
   Adam on Dec 13 2007, 13:21

Hey dude thanks for another update of your great app. Altho when im using the irc client irssi with pspssh the layout of the app gets messed up. The last lite (where you are suppoused to see the text that you are typing) jumps up by one line and stays there. I dont know if this is something that you can fix but it would be very appreciated if you could. Thanks alot once again for this sweet app.
   WS on Jan 14 2008, 23:14

Great app, I intended to use it for work , unfortunaty I am runnin 3.90 m33, and can only get this running using the 1.5FW version and switching the emulation to 1.5

Downside, no WPA support

When I bend my head around this PSP dev I will see if compiling it for 3.9 makes any difference, unless of course you release a new version in the mean time
   Buzz on Feb 15 2008, 14:43

Hi,

I'm using fw 3.71-m33 and it works fine ... I haven't tried it yet with fw 3.8x or 3.9x

Zx
   zx-81 on Feb 15 2008, 19:42

The PSPSSH : SSH2 Client for PSP v1.0.9 (latin1) run on psp slim & lite which 3.71 m33?

thank
   Freestyle on Mar 5 2008, 12:22

I'm using 3.71-m33 v4 on a psp fat ...

Zx
   zx-81 on Mar 5 2008, 13:09

The aplication start but when the screen is black return to XMB.

-I have 3.71 m33 v4 psp slim.
-The folder /PSP/GAME
   Freestyle on Mar 5 2008, 13:35

Give it a try in game371 instead of game folder,

Zx
   zx-81 on Mar 5 2008, 14:23

I try it but not found, connect but when the screen is black which a "-" in top left conner exit to XMB.

Thank
   Freestyle on Mar 5 2008, 15:00

Please ¿can you develop a psp slim version?

thanks, Angel
   Angel on Mar 6 2008, 21:05

Hi Angel,

I don't know why it doesn't work with psp slim, and i have only fat psp(s), so i can't debug / track your issue

Zx
   zx-81 on Mar 6 2008, 22:38

I have 5.00 m33-6 and it doesn't work ;/ what I must do ?
   adi on Feb 2 2009, 21:40

You should install latest version (v1.2.0)

Zx
   zx-81 on Feb 3 2009, 08:36

This is working as expected, Thanks zx81, zx81 are you the same zx81 on Asterisk mailing list or bugtracker ?
   loloski on Mar 29 2009, 20:09

hi dude,

no i'm never been on Asterisk mailing list ... Thanks for your comment

Zx
   zx-81 on Mar 29 2009, 22:20