

Friday, May 25. 2007

PSPSSH : SSH2 Client for PSP v1.0.6 (IR Keyboards support)

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 1.0.6 :

- Support IR keyboards !

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 3.03-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-fw15-bin-v1.0.6.zip](#)

A binary version for firmware 3.x-OE is available here :
[pspssh-fw3x-bin-v1.0.6.zip](#)

Sources are here :
[pspssh-src-v1.0.6.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.

Blog Export: ZX-81's web site, <http://zx81.zx81.free.fr/serendipity/>

Special thanks to Cool Matty and Delight1 for their feedback, and to Paul and Fanjita who motivated me to add IR keyboards stuff !

Enjoy,

Zx

**** UPDATE **** : For those who have a Targus keyboard here is the keymap file i use : targus map files

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 19:24

Cool. Now it works!

There are two things that disturb me:

- 1) I can't type symbol pipe |
- 2) it takes long time between pushing key and appearing corresponding symbol on the screen.

Vladare on May 26 2007, 15:16

First of all thanks for your comment. For the point (1) you can edit files in keymap directory and to change it according to your keyboard .

For the point (2), yes it's slow ...

Take care, Zx
zx-81 on May 26 2007, 18:45

Thank you for the answers. Now I don't have problems with symbols. Almost.

What about a slow connection. I can't understand why we have this sort of problem with an ordinary typing? It seems that this problem occurred only due to typing. Quasi I have smart connection from PSP and slow to PSP. May be are there some unneeded timeouts in the code?

Vladare on May 27 2007, 00:35

connection in ssh with the psp is very slow (i don't know why for the moment), but this explain why you see what you entered few seconds after ... The PSP send characters you entered to the remote host, then the remote host as the ssh client to display those characters, so that's why there is a delay between the moment you press keys on your keyboard and the moment you can see them on your screen.

Cheers, Zx
zx-81 on May 27 2007, 01:33

Hey dude.

Thanks for a sweet app which iv been waiting for a long time i liked Danzel's telnet client but lets just face it ssh>telnet. Anyway I'm just wondering if it's possible for you to add an option which makes it possible to turn off the bar on top of the screen (the one with the battery status). I would just love to have a fullscreen terminal if thats possible. Thanks once again

WS on May 30 2007, 01:08

Hi,

Thanks for your comment . Yes it's possible to add such option ... may be in next version,

Take care, Zx
zx-81 on May 30 2007, 09:14

Sweet dude thanks alot for the fast answer and I'm really looking forward to the new option. Will check out the sources a bit but im not so great with c/c++.

WS on May 30 2007, 23:09

Hi, Zx first all thanks for this nice app!

Like I told on other forum I found one problem only, using a universal palmOne keyboard, 3.40OE-A and wifi with WPA crypt, I tried without and crypt, but the refresh not working... I type one char and this is not displayed... until I press another key ... and when open a program like top, this not refreshing the screen....

Anunakin on May 31 2007, 15:26