

# TuSSH

The latest information about TuSSH can always be found at

[www.tussh.com](http://www.tussh.com)

## Public Keys

TuSSH will import PEM encoded private keys from a memo. Currently only unencrypted RSA 2 keys can be imported. Either putty or openssh can be used to generate the keys.

### Generating with openssh

use ssh-keygen

```
ssh-keygen -t rsa -f newkey
```

You will end up with two files newkey and newkey.pub. Use install-memo from the “pilot-link” package to get the key file “newkey” onto the palm.

```
Install-memo -p <port> newkey
```

### Generating with putty

use puttygen

Generate a SSH 2 RSA key. From the *Conversions* menu *Export OpenSSH key* to a txt file. Open the text file with notepad. Cut and paste the private key into a memo. Sync the memo to the palm.

### Back on the palm

In TuSSH the key can be imported from the “other” menu.

The public key must also be put into the authorized key file on the server.

# TuSSH FAQ

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## **TuSSH doesn't work it just hangs at the opening screen.**

Please go to the menu and open a connection.

## **TuSSH doesn't connect - error packet alloc.**

This usually indicates a buggy server.

## **Who drew the Icons for TuSSH ?**

Matthew McClintock was kind enough to draw and redraw the Icons for TuSSH  
<http://mc.clintock.com>

## **How do I get character X ?**

If you are trying to get a character that is not on your keyboard or you can't remember the grafiti for it use the command line. It's accessible from the menu or "menu-shortcut O". From there you can bring up the on screen keyboard.

## **Can TuSSH connect to nonstandard ports.**

Yes, use "host:port" for arbitrary port connections. After the first "host:port" only the host is required because the port is saved. To return it to the regular port use "host:22"

## **TuSSH "hangs" with message "generating keys".**

TuSSH has not hung. This is what takes a long time logging in. On OS 5 devices this can be as long as 60 seconds. For OS 4 it could be as long as 120 seconds. Please time it.

### **TuSSH "hangs" after exchanging keys.**

You are probably attaching to a host that only supports SSH 2, this should now get reported by TuSSH. Setup your host for auto fall back to protocol version 1 and it should work. Version 2 is in beta.

### **TuSSH says "Connected" but nothing happens.**

There are a couple a areas where the connection can fail but doesn't get properly reported by TuSSH, this should be fixed in 0.59

There also seem to be a couple of cases where data doesn't get sent. This will have the same symptoms and should be fixed in 0.61

### **The collapsable input on my T3 doesn't work.**

T3 owners having problems with the collapsable input area should check here for an explanation and fix.

[Red Mercury T3 fix](#)

### **What is TuSSH's license**

TuSSH is freeware. It is not open source

### **Can TuSSH be legally exported ?**

This software contains cryptographic code which may make it illegal to use or possess in certain countries.

### **I believe that it is legal to export this software from Canada because the Wassenaar Agreement states in the General Software Note:**

The Lists do not control "software" which is either:

1. Generally available to the public by . . . retail . . . or
2. "In the public domain".

Their glossary defines "In the public domain" as:

. . . "technology" or "software" which has been made available without restrictions upon its further dissemination.

The crypto software has been [here](#) in the public domain for quite sometime.

Mirroring or downloading this software in another country may be illegal so check your local laws.