



TCtools v1.0

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Index

What is TCtools useful for?	2
How to install TCtools?	4
Contact Information	4
How to use TCtools?	5
TCtools versions history / log	7



What is TCtools useful for?

The Tungsten C is a great device, widely used even though Palm stopped manufacturing it. As a consequence, more and more refurbished or secondhand Tungsten C devices are found on the market.

Using TCtools to realign the physical and software keyboards

The refurbished devices can sometimes come with a QWERTY, QWERTZ or AZERTY keyboard and offer another type of keyboard in the Keyboard Preferences Panel!

And this can occur even with devices provided by Palm itself. This is what happened to me when they exchanged my broken device with a new one! ... and this is the reason why I developed this patch.



TCtools was developed first to fix this issue, it is a patch to realign the physical keyboard of the Tungsten C with the one managed by Palm OS.

This will avoid you to have to remap manually all keys one by one, knowing that some of them cannot be remapped anyway (the backspace key cannot be remapped even though it is not at the same place on the QWERTY and the AZERTY keyboards for instance!).



Using TCtools to choose the keyboard you want to use whatever type of Tungsten C device you own

TCtools has another great effect: you may buy or use any Tungsten C device, not taking care of its keyboard. Applying TCtools will have you select your preferred keyboard layout.

In the full version of TCtools, I provide images of all three QWERTY, QWERTZ and AZERTY keyboards.

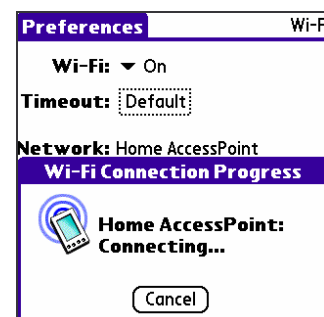
You may then print them, have the fun of cutting up the keys apart with precise scissors (because the keys are very small!) and finally stick them on the real keyboard for easier remembering of what keys really do.



Using TCtools to reset the Wi-Fi preferences

From time to time, especially if you connect to many different Wi-Fi hotspots, the Tungsten C may become unable to connect to any of the access points as configured in the Wi-Fi Preferences panel.

TCtools offers an option to attempt to repair your Wi-Fi setup by resetting the Wi-Fi settings. Even though you will lose any previously configured networks and WEP settings when using it, you will find yourself with a brand new empty Wi-Fi setup and you should be able to start using Wi-Fi again on your device (but, of course, if the reason for the failure is a hardware one, TCtools will not be of any help!).





How to install TCtools?

There is nothing special to say here.

TCtools is a PRC file that is installed like any other Palm file using HotSync.

So, extract **TCtools_trial.PRC** (or **TCtools_full.PRC** if you bought the full version) from the ZIP archive file.

Double-click on it and the Palm install tool will popup.

TCtools.PRC will be transferred to your Palm device next time you synchronize your Palm with your PC with HotSync.

- ✓ **Requirements:**
Need I say it? TCtools requires a Palm Tungsten C device and it is useful on this device only.

Contact Information

- ✓ World Wide Web main download Site : <http://www.aldweb.com>
- ✓ Author e-mail : info@aldweb.com

TCtools is a shareware.

The limitation of the trial version is that it simulates the keyboard patching and the Wi-Fi drivers patching without executing them.

To get a full version of TCtools, please refer to the TCtools.txt file that was shipped together with this software package or look for TCtools on my web site (<http://www.aldweb.com>) and follow instructions.

The cost of TCtools is just as little as \$10.

When you register, you receive a full version of TCtools that you just need to install on top of this current trial version.

Thanks for purchasing TCtools.

How to use TCtools?

User interface

The user interface of TCtools is very intuitive, just like with almost other Palm applications.

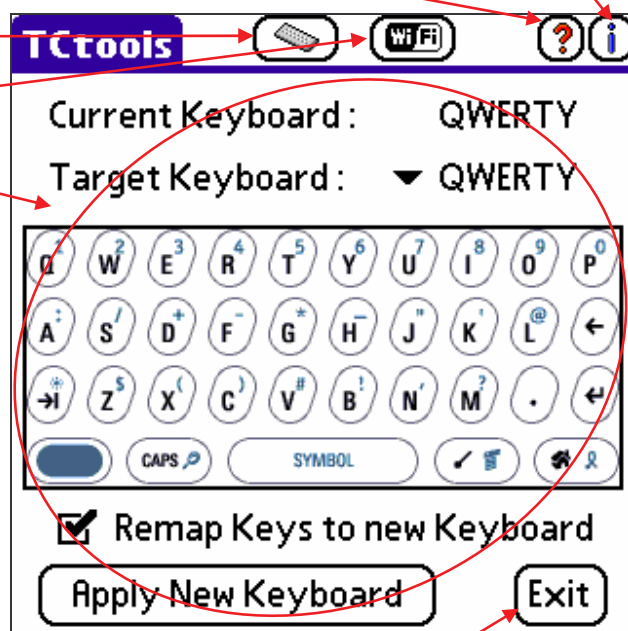
Opens the help window which displays the online help for the chosen utility


Opens the About Box

Opens the Keyboard fix utility

Opens the Wi-Fi fix utility

Screen area dedicated to either the Keyboard fix utility or the Wi-Fi fix utility, according to the one you selected



Exit the TCtools application without performing any change to the system. You may as well use the standard way of exiting an application by pressing the  button.



Keyboard fix utility

TCtools will present the believed keyboard by Palm OS and offer you to change it to the one you want. After you apply the change, a soft reset will definitely solve the issue. This required soft reset (with no loss of your precious data) is automatically provided by TCtools.

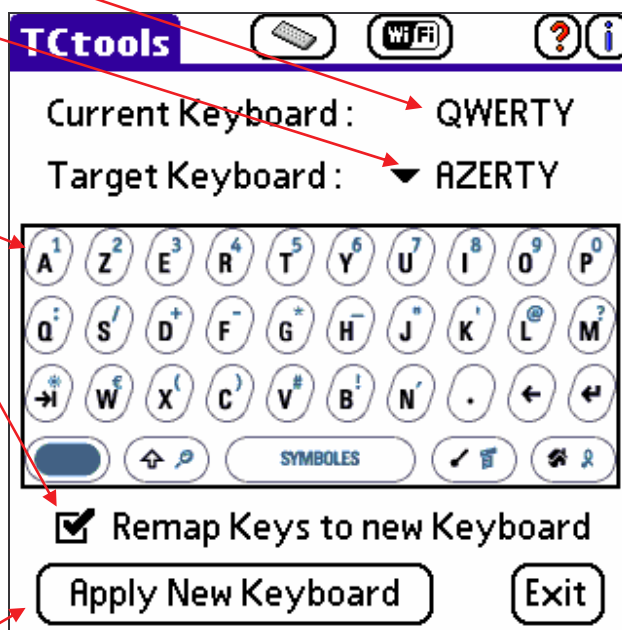
The Keyboard fix utility is a "*fire and forget*" quick patch. Unless you decide one day to hard reset your device and reinstall it from scratch, you will not need to use it anymore (unless you want to play around with it of course!) after you apply this keyboard fix patch. But, in the case you were to hard reset your device, just running TCtools one more time will again solve the initial keyboard layout issue.

Displays the current keyboard layout as believed by the system

You may change the target keyboard to one of the 3 possible layouts: QWERTY, QWERTZ or AZERTY. The image will be updated accordingly, so that you can check that it matches with your real (or desired) physical keyboard

If checked, TCtools will also reset all keys to the new keyboard setting (equivalent to pressing the [Remap keys] button and then the [Reset all] button in the Keyboard Preferences panel)

Otherwise, keys will not be remapped until you do it yourself in the Keyboard Preferences Panel



Pressing this button will launch the update of the keyboard information to the system

Please note that TCtools will then perform a soft reset to activate the patch (and you may then remove TCtools from your device)

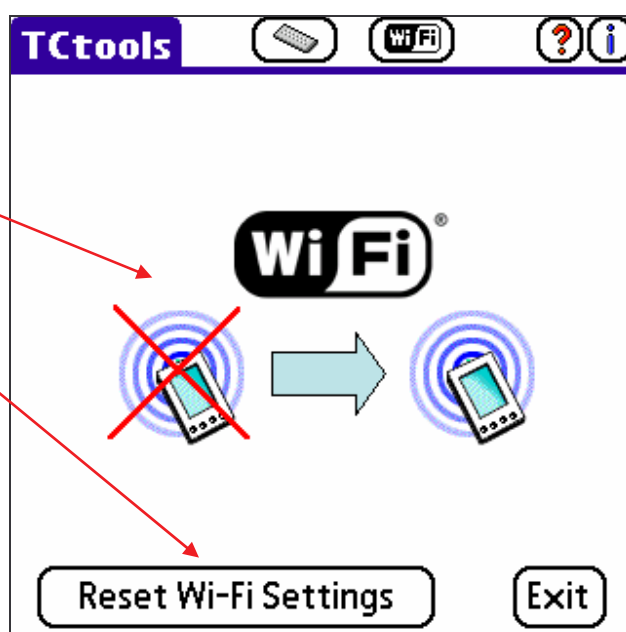
Wi-Fi fix utility

TCtools offers the option to attempt to repair your Wi-Fi setup by resetting the Wi-Fi settings. Even though you will lose any previously configured networks and WEP settings when using it, you will find yourself with a brand new empty Wi-Fi setup and you should be able to start using Wi-Fi again on your device (but, of course, if the reason for the failure is a hardware one, TCtools will not be of any help!).

After you apply the change, a soft reset should solve the issue. This required soft reset (with no loss of your precious data) is automatically provided by TCtools.

This image is only for cosmetic purposes...

Pressing this button will have TCtools attempt to repair your Wi-Fi setup by resetting the Wi-Fi settings. Please note that TCtools will then perform a soft reset to activate the patch (and you may then remove TCtools from your device).



TCtools Versions history / log

v1.0 (11/17/05)

- initial release for Palm OS