

iPod Touch - Jailbreaking Instructions (Intel Macs)

Compiled by baummer

(Special thanks to the iPod Touch Jailbreak Development Team for the jailbreak, and ebel3003 at forums.macrumors.com for his excellent write-up)

INTRODUCTION

The following instructions have been compiled in order to direct you on how to jailbreak an iPod Touch. In order for this to work, there are 3 general assumptions:

- *You have an iPod Touch running software **version 1.1.1***
- *You have access to an Intel Mac running OS X 10.4.x*
- ***You have access to a wireless router during the jailbreaking and have your iPod Touch configured on the wireless router***

Before you begin, make sure you have plugged in your iPod Touch **directly** to your machine (not through a USB hub). Upon plugging in your iPod Touch, iTunes should open automatically. Do not worry about ejecting the iPod Touch from iTunes; it is safe to leave it as is.

Additionally, before beginning, you will need to download the following dependencies so that you can follow each step without interruption (search the iPod Touch forum over at forums.macrumors.com for up-to-date links):

Dependency	iPod Touch Jailbreak	iPhone Applications	Calendar Patch
iPHUC	●		
libreadline (opt folder)	●		
INdependence	●		
Installer	●		
Cyberduck FTP Client	●	●	●
iPhone 1.1.1 Apps		●	
N45AP.plist (patched)			●
N45AP.plist.bak			●

Download All Files [Here](http://www.mediafire.com/?2nemmqnnyxv)
<http://www.mediafire.com/?2nemmqnnyxv>

MD5 Checksum for iPTJailbreak.zip:
23a5f56eb5efa7c3cfoae953809e00ad

Please e-mail me at xbaummerx@gmail.com if the link becomes expired and I will re-upload.

After you have successfully jailbroken your iPod Touch, please refer to *Appendix A* for information on installing iPhone applications (Weather, Mail, Notes, Stocks, Maps) and *Appendix B* for information on patching the Calendar application's Add Events feature.

STEP 1: TIFF Exploit

Go to <http://jailbreak.toc2rta.com> in Mobile Safari. The page will start to load, and then crash Mobile Safari. This is normal behavior and means that the TIFF exploit was successful.

STEP 2: Modified OS Creation

The next step requires the use of two dependencies that you should have downloaded prior to beginning. Those two are located in the **Step 2** folder:

- *IPHUC*
- *opt (libreadline)*

Since these files are all in one location, I recommend you moving the entire folder to the **Desktop**. Also, copy the **opt** directory and paste it into **Macintosh HD** (double-click the icon, paste it in there).

Now open **Terminal** on your machine (*Applications > Utilities*). Type in the following commands (a new line = press enter):

```
cd Desktop/iphuc  
./iphuc
```

If you did this correctly, you should see a message that says Waiting for iPhone, and then it will produce a new line. At this new line, enter:

```
getfile /dev/rdiskos1 iphonefs/rdiskos1 314572800
```

This process can take up to 5-10 minutes to complete, as it is creating a DMG file for use later. This would be a great time to go grab a snack or a drink. It shouldn't take more than 10 minutes.

Once the process has completed, you will find a file in your **iphonefs** folder (within the iphuc folder) called **rdiskos1.dmg**. Go ahead and leave the terminal window open.

Double-click the DMG file, and it will open a disk image called **Snowbird3A110a.N45Bundle** (numbering variations of 3A109-112 are not uncommon, do not be alarmed).

Navigate to the **etc** folder within this disk image. Now, leave the Finder open, create a new Finder window, navigating to **Desktop/iphuc/** and find the file called **fstab**. Copy this file and paste into the **etc** window of the disk image. Go back to the terminal window (you did keep it open, didn't you?) and enter this command:

```
putfile iphonefs/rdiskos1.dmg /dev/rdiskos1
```

Once this command has completed, type **exit**, which closes out the iphuc command program. Then, **restart your iPod Touch!** To restart, **hold** down the **Sleep** button until the **Power Off** slider appears. Slide the slider over to off, wait for the unit to shut off, and then press the **Sleep** button.

STEP 3: INdependence and SSH

This step requires the use of INdependence. A DMG file containing the application has been placed in the **Step 3** folder. Double-click the DMG, then double-click the INdependence.app file. Navigate to the **SSH** tab.

Follow the on-screen instructions **exactly** to install the secure shell onto your iPod Touch. After you have completed the configuration, test it by entering this command in Terminal (where the -l is a lowercase L, and the ipod.touch.ip is the IP your wireless router has assigned it):

```
ssh -l root ipod.touch.ip
```

Upon entering this command, it is not uncommon to receive a warning about known hosts. **If you receive this error, enter this command:**

```
rm ~/.ssh/known_hosts
```

Next it will either ask you to accept the key, or enter a password. If the former, type **yes** and press enter. The default password is **alpine**. It is strongly suggested you use INdependence to change the SSH password. There is a button in the **SSH** tab of INdependence that allows you to do this.

Step 4: Install Cyberduck and Installation Application

At this stage in the game, you are almost there! Bravo! Next, navigate to the **Step 4** folder, and double-click the Cyberduck DMG. Install the application, or launch directly from the DMG if you so desire.

Once Cyberduck launches, select the **SFTP** option, input your iPod Touch's IP, and enter the username **root** and password that you changed, or if you didn't, enter **alpine**. Click the **Advanced** triangle directly underneath the password field, and input **/** for directory. Then click Connect.

You should now see a directory listing. Navigate to **/var/root** and rename the following by right-clicking on each one and selecting **Rename**:

```
Media to Media_sym  
Mediaold to Media
```

After you have renamed them, it is time, yet again my dear friends, to restart your iPod Touch.

Once your iPod Touch is back up and running, it's time to install **Installation.app**. Login to Cyberduck again, and navigate to **/Applications/**. Once there, grab the **Installation.app** file from the **Installation** folder, and copy over to your iPod Touch. This program is what will allow you to install a variety of 3rd-party applications originally developed for the iPhone's platform.

Time again to go into Terminal. Once there, login to your touch using the same command (`ssh -l root ipod.touch.ip`), and this time enter this command to give the right permissions:

```
chmod -R a+x /Applications/*  
/Applications/Installer.app/Installer
```

If a program launched on your iPod Touch, you did it right. Hit **CTRL-C** from within Terminal to close the application. Leave Terminal open though!

Now, to have this application appear in your SpringBoard, you have to install **Trip1PogoStick**, which is obtained online. Launch **Mobile Safari**, and navigate to **conceitedsoftware.com/iphone/beta/**

You'll find a prompt asking if you want to install it, tap **Yes**. Go back to Terminal and type in **/Applications/Installer.app/Installer**. Tap the **Refresh** button and then navigate to the **System** category and find the **Trip1PogoStick** package. Tap it and then tap the **Install** button.

Once the install has finished, go back to Terminal and hit **CTRL-C**.

WARNING:

Failure to end the Installer program in this way WILL cause your iPod Touch to need to be restored and you would have to start this entire jailbreak from the beginning.

After you've closed the Terminal command, restart your iPod Touch and congratulate yourself, as your iPod Touch is now **jailbroken!** If you don't, retrace your steps to see where you went askew.

APPENDIX A - Installing iPhone Applications (Weather, Mail, Notes, Stocks, Maps)

Now what's the fun of having a jailbroken iPod Touch if you can't have any of the iPhone applications? No fun at all, right you are.

Navigate to the Appendix A - iPhone Apps folder.

Login to your iPod Touch via Cyberduck and navigate to **/Applications/**. Next, copy the contents of **iPod 1.1.1 Apps** to **/Applications/**. This will install all applications.

Navigate to **/System/Library/Frameworks/** in Cyberduck. Copy **GMM.framework** to **/System/Library/Frameworks/** (required for Maps app), and in similar fashion, navigate to **/System/Library/PreferenceBundles/** and copy **MobileMailSettings.bundle** to **/System/Library/PreferenceBundles/** (required for Mail app).

Next, launch Terminal and connect to your iPod Touch. Then input this command:

```
chmod -R a+x /Applications/*
```

Restart iPod Touch and enjoy your new applications!

APPENDIX B - Patching Calculator Application

Wanted to add new calendar entries, but couldn't? Yeah, me too.

Login to your iPod Touch via Cyberduck, navigate to **/System/Library/CoreServices/Springboard.app**. Replace your iPod Touch's **N45AP.plist** file with the **patched** file in the **Appendix B - Calendar Patch** folder. Restart your iPod Touch and it should have worked.

If you had any problems, repeat steps 1 and 2, and upload **N45AP.plist.bak**, renaming it to **N45AP.plist** once it has been **uploaded**. This is a backup file just in case something goes wrong. You might also want to create your own backup of your existing file before patching the file.

END

Thank you, I hope this was helpful!

-baummer