

Before you get started...

You'll need:

- A USB flashdrive with at least 128 MB. The contents of the flash drive will be erased, so make sure you back-up any important data on the drive before you start.
- An Intel Mac running Mac OS X 10.4.7 or later. Note: this will not run on the Leopard Beta. You can check this by clicking the blue Apple from the upper-left corner of your desktop and clicking "About This Mac".
- You must be signed on to your Mac as an administrator. You can check this from the Accounts section of System Preferences. Make sure it says "Admin" below your Mac user name (this is the default functionality of a new Mac). If not, consult your Mac documentation to enable your account as an Admin.
- Open your browser and go to http://wiki.awkwardtv.org/wiki/Boot.efi_Information#Availability. Download the disk image listed under "Availability" on this page.
- Make sure your AppleTV is connected to a TV and has already been configured to work with iTunes.

Steps to Create the USB Patchstick

- Open the disk image (.DMG file you downloaded earlier) to mount a volume on your Mac called "OSBoot". You can close the Mac Finder window showing the contents of the OSBoot Volume.
- Plug the USB flashdrive into your computer. The flashdrive will be added to your desktop. Make a note of the name of this drive.
- Open a Finder window and launch the "Terminal" application. This application can be found in the Applications/Utilities folder.
- Inside the Terminal window, on the command line, type the following: `cd Desktop/Patchstick`
- Now type the following command: `sudo ./createPatchstick` You will be prompted to type your password. This is your user password for your Mac. Enter your password.
- You will notice several lines of text displayed that will look something like the following image. In this example, my USB flashdrive is called "Patchstick" which is the disk called `/dev/disk2`. Make a note of the disk name associated with your USB flashdrive.
- Now type the following command: `sudo ./createPatchstick /dev/disk2` (replace "disk2" with the disk name that you noted from the last step).
- When you see a message asking you if you're sure that you want to partition your volume, type "yes". This process will take about a minute and will eventually tell you that the disk has been unmounted. It is now ready to be used to patch your AppleTV.

- When the previous step is completed, you can now remove the USB flashdrive. Be sure to eject the drive on your desktop before removing it from your desktop.

The terminal output shows the command 'Listing available disks:' followed by the contents of /dev/disk0, /dev/disk1, and /dev/disk2. Annotations include a callout box pointing to '/dev/disk2' with the text 'This is the disk name that should be entered in the next command.' and another callout box pointing to 'Patchstick' in the partition list for disk2 with the text 'This is the disk name.'

```
Listing available disks:
/dev/disk0
#          type name          size    identifier
0:  GUID_partition_scheme    *93.2 GB  disk0
1:          EFI              200.0 MB  disk0s1
2:    Apple_HFS Core          92.8 GB  disk0s2

/dev/disk1
#          type name          size    identifier
0:  Apple_partition_scheme    *725.1 MB  disk1
1:    Apple_partition_map      31.5 KB   disk1s1
2:    Apple_HFS OSBoot        725.1 MB  disk1s2

/dev/disk2
#          type name          size    identifier
0:  GUID_partition_scheme    *477.4 MB  disk2
1:          EFI              80.0 MB   disk2s1
2:    Apple_HFS Patchstick     397.3 MB  disk2s2
```

Patching your AppleTV:

- Plug the USB flashdrive into the USB slot on the back of the AppleTV.
- Using your AppleTV remote control, hold down the “Menu” and “-” keys at the same time until your television screen becomes black (about 6 seconds).
- At this point, the AppleTV will reboot and display a bunch of text on your TV screen. You can ignore most of this except for the last line that says that the installation has completed.
- Unplug your AppleTV and then remove the USB flashdrive
- Plug the AppleTV back in.
- The AppleTV will reboot. Anytime within 5 minutes or so, the Apple TV will automatically reboot again. The screen will go black; this is expected as the remainder of the installation is now occurring.
- The AppleTV will then restart but this time you will be brought to the AppleTV menu.
- You should now see the new application on the main menu. Sweet success!

Warning:

- It is possible that the application software being installed to your AppleTV could break with future AppleTV updates beyond 1.1. Modifying your AppleTV in this way is not for the faint hearted, and should only be attempted if you understand the risks. You can always restore your AppleTV to the factory default.

