



EXTREME MAC OS X TIGER SPEED TWEAK v.1.5

by Kiritan Flux

(inspired by fALK of protobeamaz)

If you need a speed tweaked MacOS X, e.g. for running VJ or Audio applications with maximum CPU and RAM, follow these instructions. If everything works out, you will have a very fast Tiger on your machine, that lacks of networking capabilities and cheesy gadgets like the Dashboard or Spotlight.

Have Fun!

IF YOU DO THE FOLLOWING, YOU DO IT AT YOUR OWN RISK!!

- You will need a partition with a full installation of Tiger (called **workOS** from now on) and a second partition where you will set up the speed tweaked tiger (called **speedOS** from now on)

- Boot into your **workOS**

- Insert your Tiger Installation DVD (or mount a tiger install image resp.) and go to the folder **/Volumes/Mac OS X Install DVD/System/Installation/Packages/**

- Launch **OSInstall.mpkg** and follow the install procedure. Do a custom installation onto the **speedOS** partition and uncheck all the language packs, printer drivers etc. since we only want a core system.

- After the installation has finished, boot into the newly created **speedOS** and go through the welcome screens - make sure you **skip** the internet setup.

- Boot back into **workOS** and login as **root** (if you haven't activated the root user yet, do so - google if you don't know how to do that)

- Create a Folder somewhere on your machine and name it **Backup** or something alike. We will move all unneeded startup items and core services to that folder, in case we want to roll back to a full featured OSX.

- Go to folder **/Volumes/speedOSdisk/System/Library/StartupItems**

- Now move everything **EXCEPT** the following items to your backup folder.

AppServices
Disks
FibreChannel
IFCStart
Metadata

- Go to folder **/Volumes/speedOSdisk/System/Library/CoreServices**

- Now move **ONLY** the following items to your backup folder. keep the rest.

Bluetooth Assistant
bluetoothlauncher
BluetoothUIServer
Kerberos
KerberosAgent
MenuExtras
MirrorAgent
NetworkSetupAssistant
NetworkDiagnostics
OBEXAgent
Search.bundle

- Now we are going to remove the **Dashboard**, since it only eats up RAM.

- Inside the **CoreServices** folder resides **Dock.app**. Show the app Package contents. Inside its Resources folder you will find **DashboardClient.app**

- You can safely move **DashboardClient.app** to your **backup** folder.

- Open the Folder **/Volumes/speedOSdisk/etc** and open the file **hostconfig** with your favorite text editor. change all **AUTOMATIC** and **YES** flags to **NO**. **Save** the file.

- Now **reboot** into your **speedOS**. If you end up with a Desktop, you're **lucky** - **you can continue**. If your machine **crashes** before it finishes booting up - you're **screwed**. **Move all the Core Services and Startup Items back to their original position and retry**.

- Open a **terminal** and type the following to delete the spotlight index (if there is one)

mdutil -i off /
mdutil -E /

- In the **Dock**, rightclick on the **Dashboard Icon** and click **Remove from Dock**.

- Turn all energy settings to max, turn off font aliasing, screensaver and disk spindown. You're done.

- Have fun with your internetless, bluetoothless but fucking fast new Tigerrrrrr.

If you find out how to tweak Tiger even more, if there are more StartupItems and CoreServices to get rid off or other infos, please drop me a line at info@kiritanflux.de so I can add it to this howto. This howto was inspired and mainly influenced by the Panther tweaking howto by fAlk, which worked great for me in the Panther days. You can download it [here](#).

speedOS Benchmarks

Xbench Benchmark

Model Titanium PowerBook (DVI)
Processor PowerPC G4 @ 867 MHz
Version 7455 (Apollo) v3.2
L1 Cache 32K (instruction), 32K (data)
L2 Cache 256K @ 667 MHz
L3 Cache 1024K @ 134 MHz
Bus Frequency 134 MHz
Physical RAM 768 MB
OSX Version 10.4 (8A428)
Video Card ATY_RV250M9
Drive Type HTS726060M9AT00
Xbench Version 1.1.3

Xbench results	workOS	SpeedOS
CPU Test	104.37	106.08
Thread Test	76.49	77.05
Memory Test	106.39	110.46
Quartz Graphics Test	103.38	111.47
OpenGL Graphics Test	89.85	94.08
User Interface Test	176.70	204.85
Disk Test	59.77	86.91
Overall Result	93.46	103.26

Jitter Benchmark

Max/MSP Version 4.5.4
Jitter Version 1.2.3

