

# Mac OS X

## How to activate TRIM in Mac OS X?

Owners of Macbooks who upgraded to an SSD might want to use this feature and here are two ways to achieve that:

- There is a tool called TRIM Enabler, that does this for you the easy way. Click [here](#).
- For people who want to do it the manual way, here are the shell commands:

```
sudo cp /System/Library/Extensions/IOAHCIFamily.kext/Contents/PlugIns/IOAHCIBlockStorage.kext/Contents/MacOS/IOAHCIBlockStorage /System/Library/Extensions/IOAHCIFamily.kext/Contents/PlugIns/IOAHCIBlockStorage.kext/Contents/MacOS/IOAHCIBlockStorage.original
```

```
sudo perl -pi -e 's|(\x52\x6F\x74\x61\x74\x69\x6F\x6E\x61\x6C\x00{1,20})[^\x00]{9}(\x00{1,20}\x51)|$1\x00\x00\x00\x00\x00\x00\x00\x00\x00$2|sg' /System/Library/Extensions/IOAHCIFamily.kext/Contents/PlugIns/IOAHCIBlockStorage.kext/Contents/MacOS/IOAHCIBlockStorage
```

```
sudo kextcache -system-prelinked-kernel
```

```
sudo kextcache -system-caches
```

These 4 command should do the trick as well.

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Author: Daniel Urstöger  
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