



OS X - Native AppleHDA

How to restore native AppleHDA.kext

Change Log

1. v2.0 - 11/2/2015 - El Capitan support
2. v1.1 - 7/27/2015 - Typos
3. v1.0 - 1/12/2015 - First release

Requirements

- A. OS X Installer (all methods)
 1. 10.11: Applications/Install OS X El Capitan.app
 2. 10.10: Applications/Install OS X Yosemite.app
 3. 10.9: Applications/Install OS X Mavericks.app
 4. 10.8: Applications/Install OS X Mountain Lion.app
- B. Pacifist CharlesSoft
 1. 10.10/v3.2.17 or newer required

Restore Methods (select one)

- A. OS X Installer
 1. Run installer over current install
 2. Restart
 3. Backup System/Library/Extensions/AppleHDA.kext
- B. Pacifist (10.8, 10.9, 10.11 . . .)
 1. Finder/File/New Folder/Desktop/native_applehda
 2. Pacifist/Open/Contents of Install OS X . . ./
 3. Pacifist/Open/Contents of EssentialSystemSoftware/

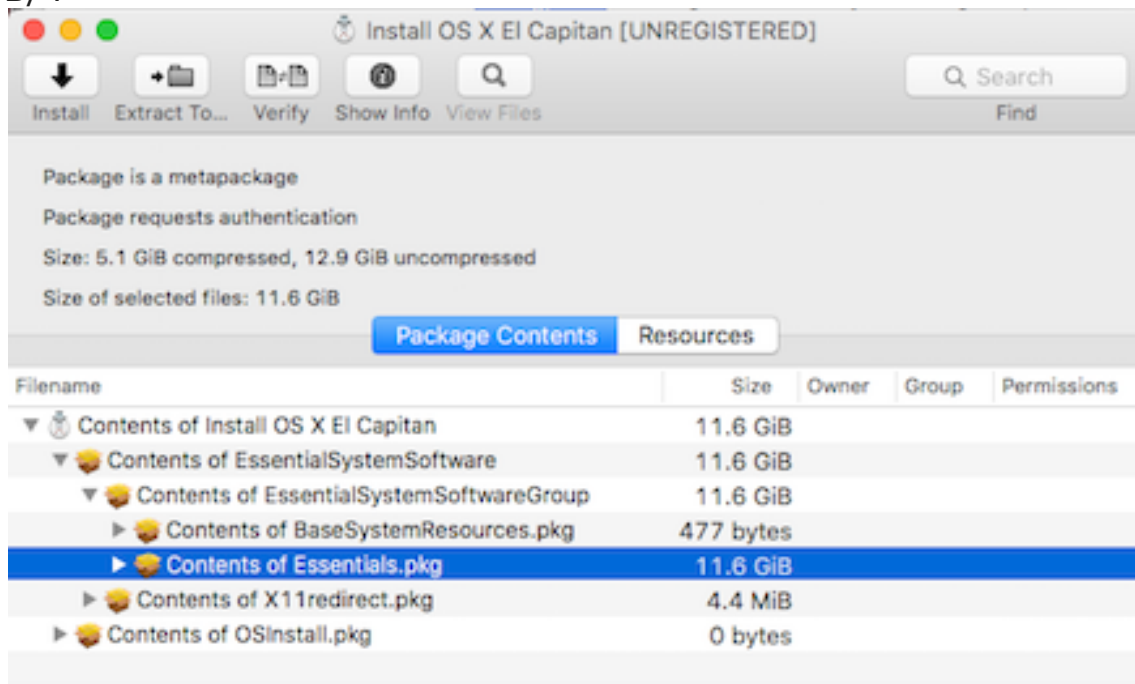
4. Pacifist/Open/Contents of EssentialSystemSoftwareGroup/
 5. Pacifist/Open/Contents of Essentials.pkg/System/Library/Extensions/AppleHDA.kext
 6. Pacifist/Extract to Desktop/native_applehda
- C. Pacifist (10.10 only)
1. Finder/File/New Folder/Desktop/native_applehda
 2. Pacifist/Open/Contents of Install OS X Yosemite/
 3. Pacifist/Open/Contents of EssentialSystemSoftware/
 4. Pacifist/Open/Contents of EssentialSystemSoftwareGroup/
 5. Pacifist/Open/Contents of BaseSystemBinaries.pkg/System/Library/Extensions/AppleHDA.kext
 6. Pacifist/Extract to Desktop/native_applehda
 7. Pacifist/Open/Contents of BaseSystemResources.pkg/System/Library/Extensions/AppleHDA.kext
 8. Pacifist/Extract to Desktop/native_applehda/New Folder/1
 9. Pacifist/Open/Contents of Essentials.pkg/System/Library/Extensions/AppleHDA.kext
 10. Pacifist/Extract to Desktop/native_applehda/New Folder/2
 11. Terminal/cd Desktop/native_applehda
 12. Terminal/ditto 1/AppleHDA.kext AppleHDA.kext
 13. Terminal/ditto 2/AppleHDA.kext AppleHDA.kext
 14. Install native_applehda/AppleHDA.kext (choose one method)
 - a. Kext installer
 - i. KextBeast
 - ii. Kext Utility
 - iii. etc.
 - b. Terminal/
 - i. `sudo rm -fR /System/Library/Extensions/AppleHDA.kext`
 - i. `sudo cp -R /System/Library/Extensions/AppleHDA.kext /System/Library/Extensions/AppleHDA.kext`
 - ii. `sudo chown -R root:wheel /System/Library/Extensions/AppleHDA.kext`
 - iii. `sudo touch /System/Library/Extensions/`

Credit

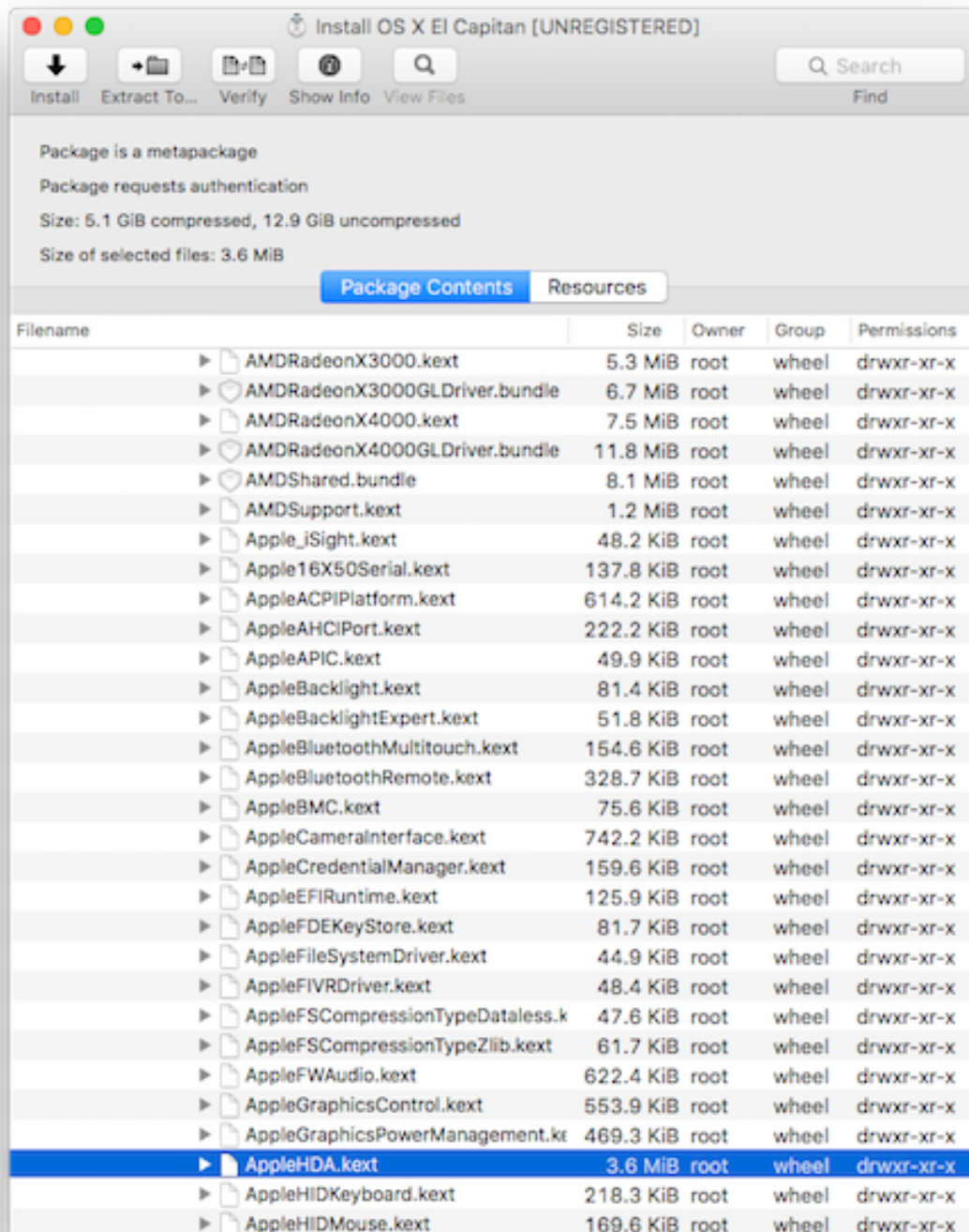
rockinwaggy, Post #148, No Audio Devices - Realtek ALC AppleHDA
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Screenshots - Pacifist

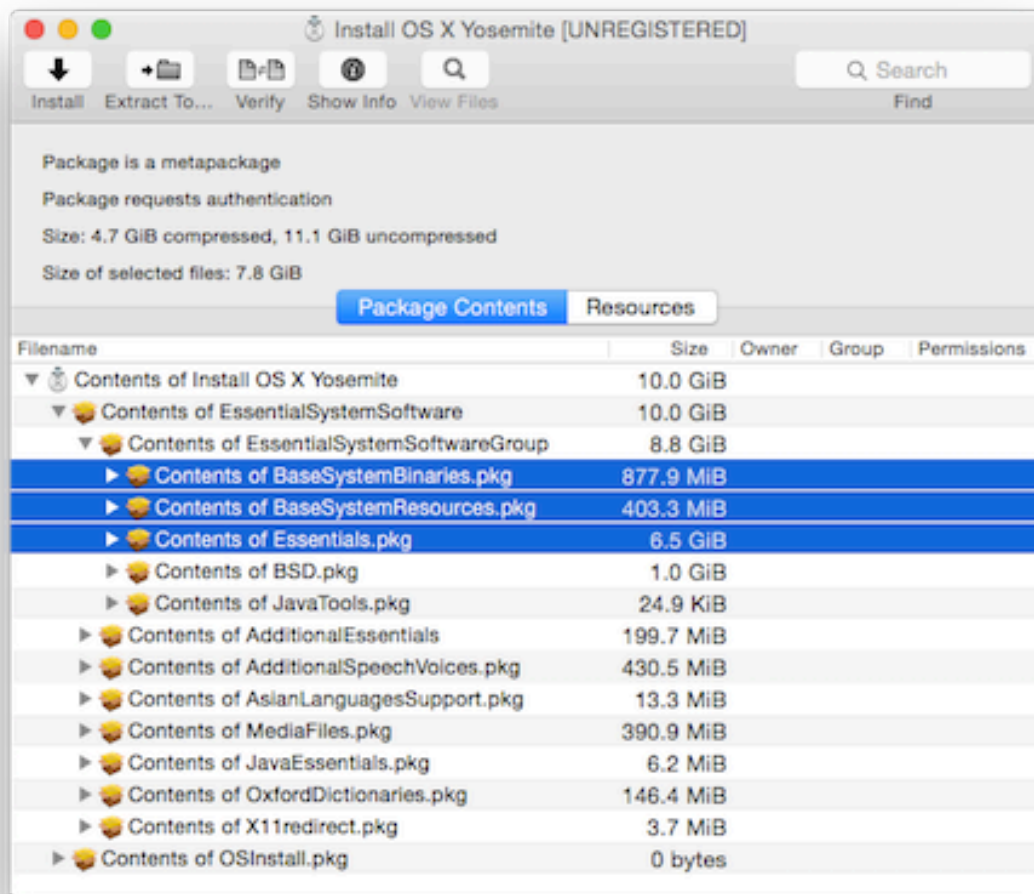
Step B/4



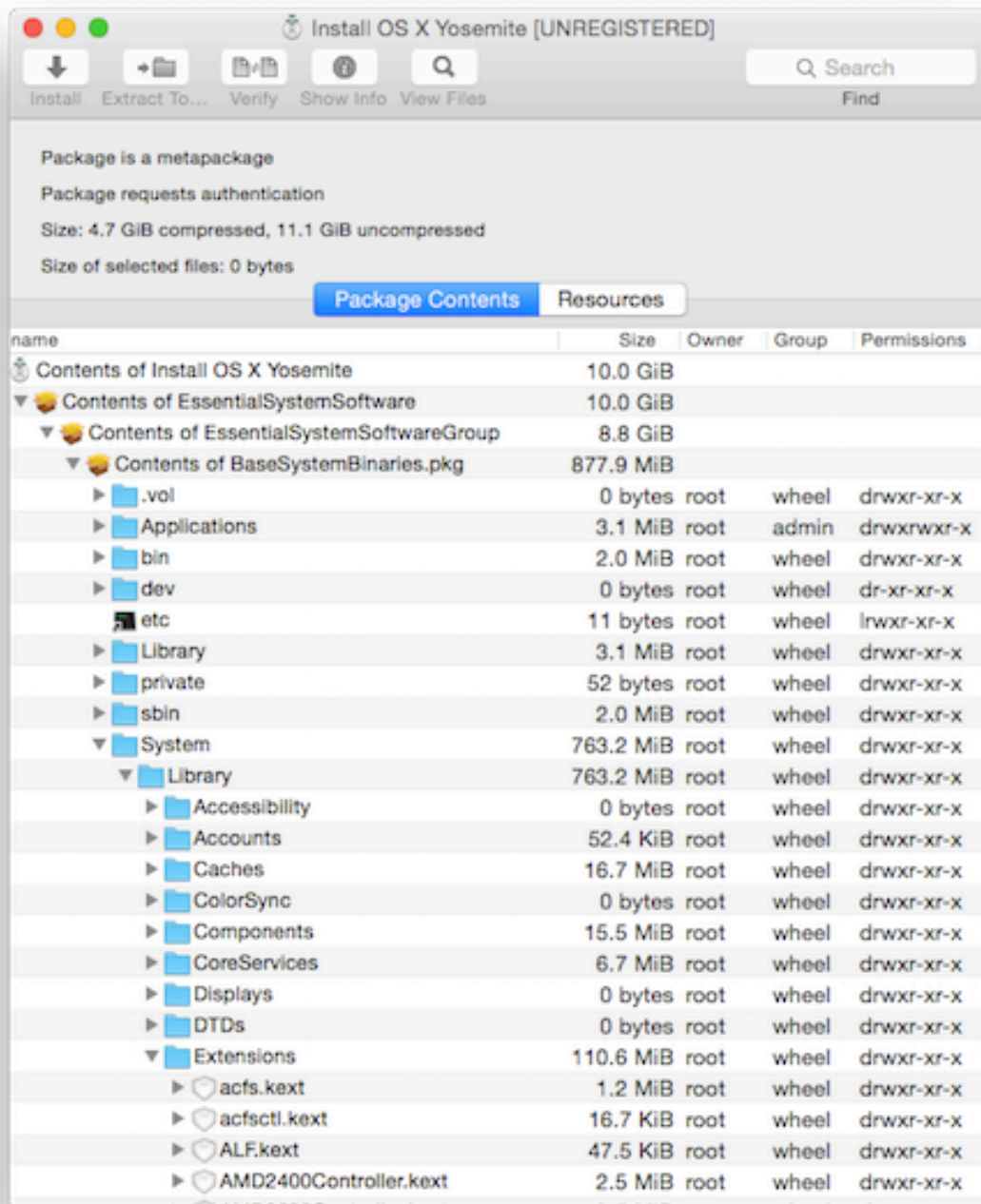
Step B/5 (/Extensions/AppleHDA.kext, Select Pacifist/Extract to)



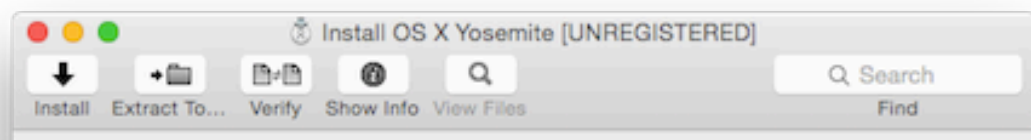
Step C/5



Step C5; C7 and C9, similar (/System/Library) (/System/Library/Extensions)



Step C5, C7 and C9 (/Extensions/AppleHDA.kext, Select Pacifist/Extract to)



Package is a metapackage

Package requests authentication

Size: 4.7 GiB compressed, 11.1 GiB uncompressed

Size of selected files: 2.5 MiB

Package Contents

Resources

Filename	Size	Owner	Group	Permissions
▼ Extensions	110.6 MiB	root	wheel	drwxr-xr-
▶ acfs.kext	1.2 MiB	root	wheel	drwxr-xr-
▶ acfsctl.kext	16.7 KiB	root	wheel	drwxr-xr-
▶ ALF.kext	47.5 KiB	root	wheel	drwxr-xr-
▶ AMD2400Controller.kext	2.5 MiB	root	wheel	drwxr-xr-
▶ AMD2600Controller.kext	2.5 MiB	root	wheel	drwxr-xr-
▶ AMD3800Controller.kext	2.5 MiB	root	wheel	drwxr-xr-
▶ AMD4600Controller.kext	2.5 MiB	root	wheel	drwxr-xr-
▶ AMD4800Controller.kext	2.4 MiB	root	wheel	drwxr-xr-
▶ AMD5000Controller.kext	5.3 MiB	root	wheel	drwxr-xr-
▶ AMD6000Controller.kext	5.4 MiB	root	wheel	drwxr-xr-
▶ AMD7000Controller.kext	5.4 MiB	root	wheel	drwxr-xr-
▶ AMD8000Controller.kext	5.4 MiB	root	wheel	drwxr-xr-
▶ AMD9000Controller.kext	5.4 MiB	root	wheel	drwxr-xr-
▶ AMDFramebuffer.kext	263.1 KiB	root	wheel	drwxr-xr-
▶ AMDSupport.kext	1.2 MiB	root	wheel	drwxr-xr-
▶ Apple_ISight.kext	39.1 KiB	root	wheel	drwxr-xr-
▶ Apple16X50Serial.kext	120.4 KiB	root	wheel	drwxr-xr-
▶ AppleACPIPlatform.kext	580.0 KiB	root	wheel	drwxr-xr-
▶ AppleAHCIPort.kext	194.9 KiB	root	wheel	drwxr-xr-
▶ AppleAPIC.kext	41.5 KiB	root	wheel	drwxr-xr-
▶ AppleBacklight.kext	55.8 KiB	root	wheel	drwxr-xr-
▶ AppleBacklightExpert.kext	43.3 KiB	root	wheel	drwxr-xr-
▶ AppleBluetoothMultitouch.kext	105.7 KiB	root	wheel	drwxr-xr-
▶ AppleBMC.kext	66.9 KiB	root	wheel	drwxr-xr-
▶ AppleCameraInterface.kext	728.9 KiB	root	wheel	drwxr-xr-
▶ AppleCredentialManager.kext	84.4 KiB	root	wheel	drwxr-xr-
▶ AppleEFIRuntime.kext	111.6 KiB	root	wheel	drwxr-xr-
▶ AppleFDEKeyStore.kext	72.8 KiB	root	wheel	drwxr-xr-
▶ AppleFileSystemDriver.kext	35.4 KiB	root	wheel	drwxr-xr-
▶ AppleFSCompressionTypeDataless.k	38.6 KiB	root	wheel	drwxr-xr-
▶ AppleFSCompressionTypeZlib.kext	47.8 KiB	root	wheel	drwxr-xr-
▶ AppleFWAudio.kext	613.3 KiB	root	wheel	drwxr-xr-
▶ AppleGraphicsControl.kext	550.3 KiB	root	wheel	drwxr-xr-
▶ AppleGraphicsPowerManagement.k	289.6 KiB	root	wheel	drwxr-xr-
▶ AppleHDA.kext	2.5 MiB	root	wheel	drwxr-xr-
▶ AppleHIDKeyboard.kext	184.9 KiB	root	wheel	drwxr-xr-
▶ AppleHIDMouse.kext	100.5 KiB	root	wheel	drwxr-xr-

