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How to Fix Dual Boot Issue with OS X Yosemite and Ubuntu

 Damien

 31st Oct 2014



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If you have followed our previous guide on how to [dual boot](#) your Mac with Ubuntu (or any other Linux distro), and you have upgraded your Mac OS X to Yosemite, you will find that the bootloader is overwritten and you won't be able to dual boot into Ubuntu anymore. If you are having this issue, here is the fix:

The rEFit toolkit that we are using for the previous guide won't work anymore in OS X Yosemite. To fix this, we will be using rEFInd, which is a fork of the rEFIt boot manager.

1. In OSX Yosemite, [Download rEFInd](#) from its Sourceforge page. Extract the zipped file. You should find a "refind-bin-0.8.3" folder.

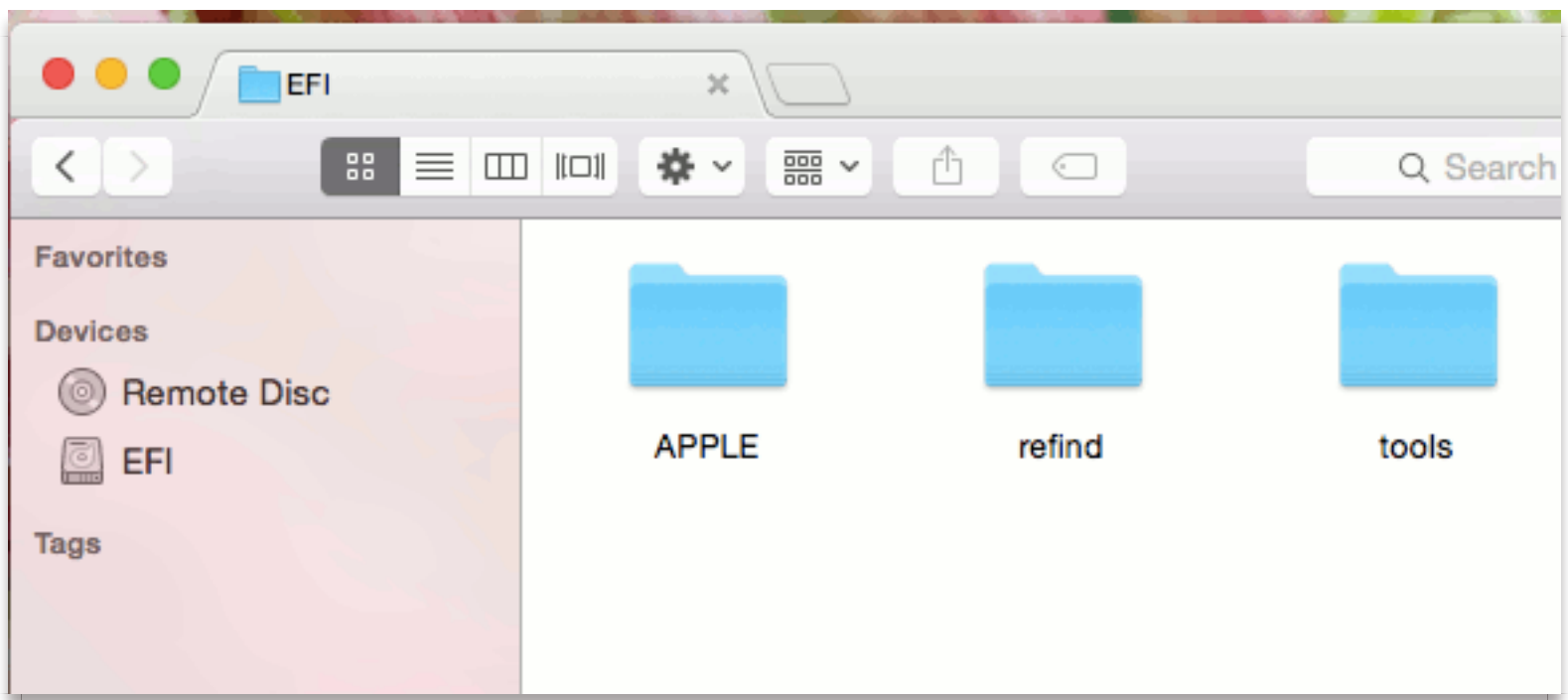
2. Open the folder and look for an "install.sh" file within. Next, open a Terminal. Type `sudo`, follow by dragging the "install.sh" file to the terminal, and then append `--esp` to the end of the command. It should look like this:

```
sudo /path/to/refind/folder/install.sh --esp
```

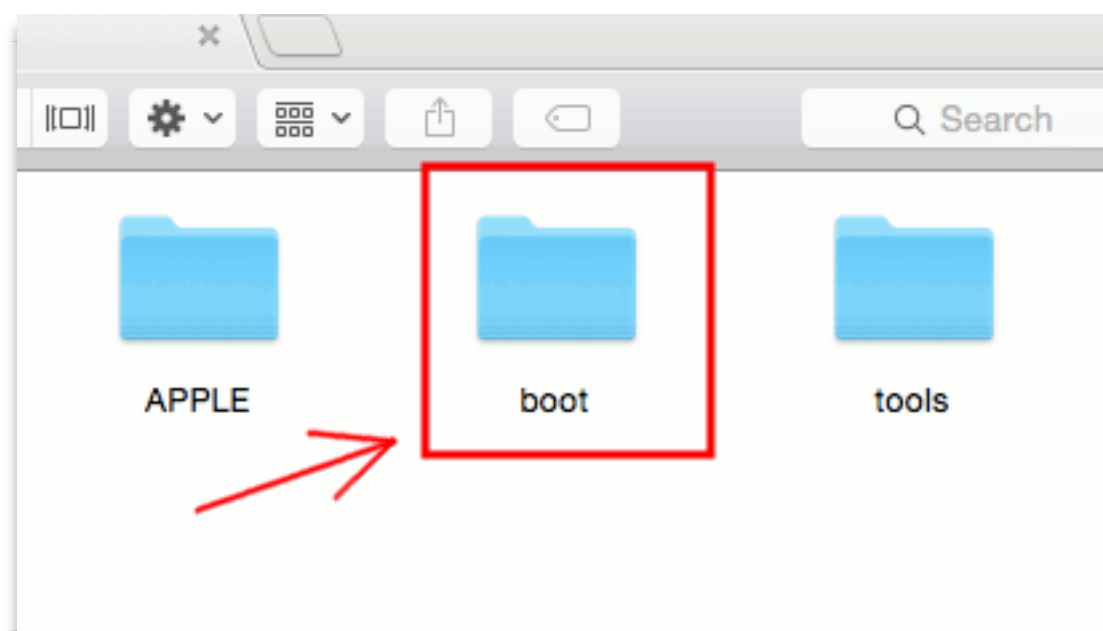
```
damienoh — bash — 94x24
Damiens-Air:~ damienoh$ sudo /Users/damienoh/Desktop/refind-bin-0.8.3/install.sh --esp
```

Press Enter. You will be prompted to enter your password.

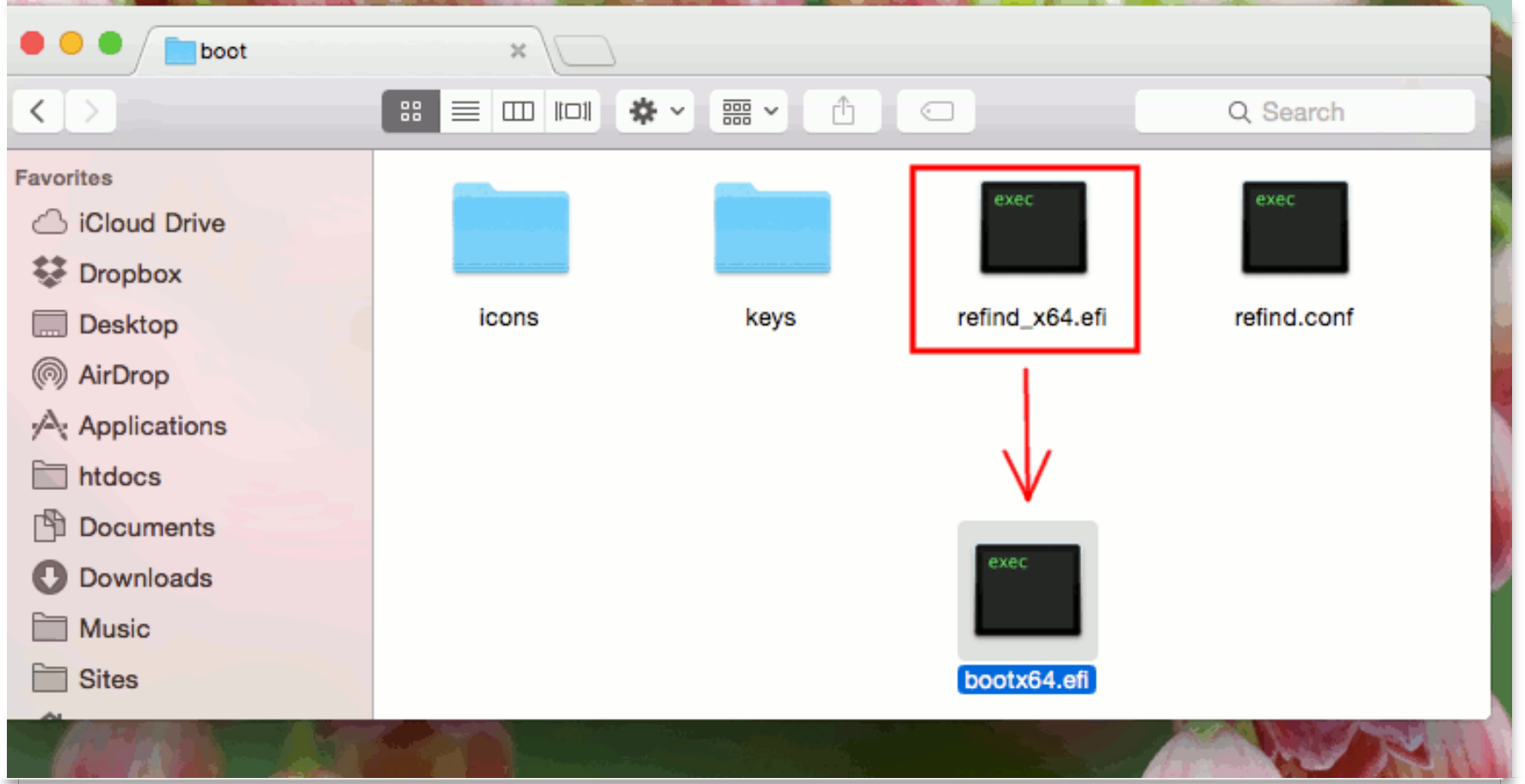
3. If the installation of rEFInd is successful, you should be able to find a new mounted drive called EFI. Open Finder and go to the EFI mounted drive. Click to enter the EFI folder. You should see three folders: “APPLE”, “refind” and “tools”.



4. Rename the “refind” folder “boot.”



5. Open the newly-named “boot” folder. Rename the “refind_x64.efi” file to “bootx64.efi”



6. Now return to the “refind-bin-0.8.3” folder. In the “refind” folder, you should be able to find a “drivers_x64” folder. Copy this folder to the “boot” folder in the EFI drive.

7. Rename the “drivers_x64” folder to “drivers.”

That’s it. Reboot your Mac and you will be able to select your Ubuntu (or othe Linux distro) and boot into it.

Let us know if you have any problems fixing the dual boot issue.

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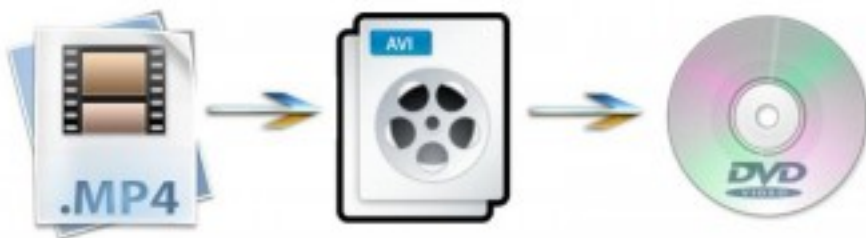
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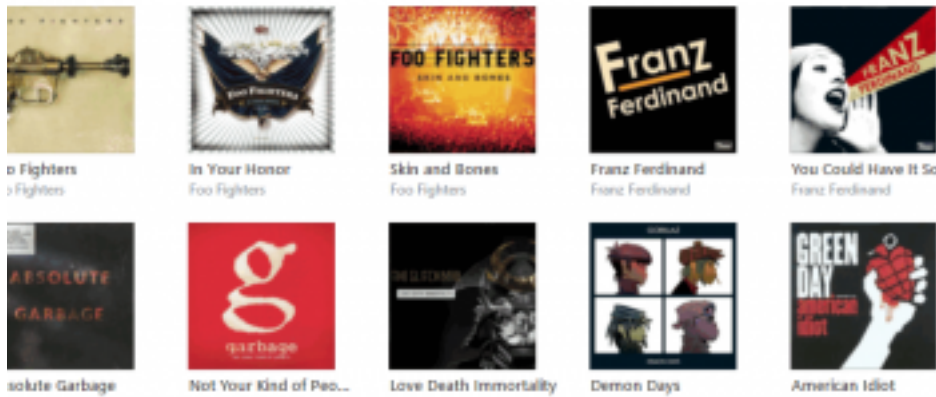


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10 comments



Chris

I wanted to actually dual boot Linux but I haven't done it before so could I follow both the original tutorial and this for it to work?

Nov 6, 2014 at 7:17 am Reply



Etic

Tank you
For tuto

Fontionne as merveille
Merci

Nov 9, 2014 at 6:44 am Reply



Aa

After do all the things you mentioned. Then, I want to change icons on boot menu reFind (reFit is quite easy because it only needs to change icons directory items and reFit.conf file).

Problem happen!

Where is the folder the EFI/icons, which is reFind icons directory? I cannot find it after reboot.

Nov 10, 2014 at 12:11 am Reply



Jimmy

Stuck on step 2. in terminal I typed `sudo /path/to/reFind/folder/(drag install.sh) >>esp` and it is saying command not found. Sometimes it shows the password

function but after entering it still says path not found. Can someone please help me?

Nov 10, 2014 at 4:31 pm Reply



Lars Martin Risdal

@Jimmy Try running: “mkdir /Volumes/esp” (without the “”) first and then try the “sudo install.sh –esp”

Nov 14, 2014 at 5:14 pm Reply



Guest

the command is wrong.

Nov 17, 2014 at 6:08 pm Reply



Guest

This is how it should look when command is successfully entered.

```
Mac-6*****:~ user$ sudo /Users/user/Downloads/refind-bin-0.8.3/install.sh –esp
```

Installing rEFInd on OS X....

Installing rEFInd to the partition mounted at /Volumes/ESP

Copied rEFInd binary files

Notice: Backed up existing icons directory as icons-backup.

Existing refind.conf file found; copying sample file as refind.conf-sample to avoid overwriting your customizations.

WARNING: If you have an Advanced Format disk, *DO NOT* attempt to check the

bless status with ‘bless –info’, since this is known to cause disk corruption

on some systems!!

Installation has completed successfully.

Unmounting install dir

umount(/Volumes/ESP): Resource busy — try 'diskutil unmount'

Nov 17, 2014 at 6:13 pm Reply



Björn

Followed this and now my os x doesn't show up in boot menu :/
Windows bootdisk does show.

Anyone know how to fix this?

Thanks!

Nov 15, 2014 at 3:35 am Reply



Björn

I managed to remove the boot dir by mounting the EFI partition in terminal in recovery mode. OS X then started again.

Nov 15, 2014 at 3:44 am Reply



Tonya

After following these instructions, I see 3 "apple" icons for booting, they are all labeled "boot from recovery". I have 1 Linux icon, and it leads me to an error "No boot device found".

Nov 18, 2014 at 10:43 pm Reply

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