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## RAD Studio XE2 –mac开发图解

日期: 2011年9月6日 作者: 人气: 810 查看:[[大字体](#) [中字体](#) [小字体](#)]

With Delphi XE2 now available for everyone to enjoy, I figured it's time I start providing some useful information to help you make the most of it!

One of the primary new features of XE2 is the ability to produce MacOSX applications, and to do that, there are additional steps you must take in order to prepare both your Windows development system, and your MacOSX deployment/testing system for this task.

This document makes the following assumptions:

- ☐☐☐ You've installed Delphi (or RAD Studio) XE2 on a Windows 64bit system
- ☐☐☐ You've installed Delphi (or RAD Studio) XE2 to the default paths

**So you've just installed Delphi (or RAD Studio) XE2... congratulations and welcome to the new and exciting world of cross-platform Delphi development!**

Still, you're not quite ready to start deploying your applications to your MacOSX machine just yet! Fear not, however, as the remaining steps should take you just a few additional minutes and you'll be good to go!

## On your Windows development machine

- Open Windows Explorer (**Flag+E**)
- Go to **C:\Program Files (x86)\Embarcadero\RAD Studio\9.0\PAServer**
- Copy **setup\_paserver.zip** over to your MacOSX device. You can do this any way you like: Share a folder on your PC and copy it from the Mac, place the file on a Mac-compatible USB flash drive and copy it that way.... whatever works best for you!
- Run **setup\_paserver.exe** (**IMPORTANT NOTE:** *Should either the setup\_paserver.zip or setup\_paserver.exe files be missing, you should contact Embarcadero support as something has gone wrong with your XE2 installation!*)



## PA Server Windows Setup (Step 1)

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## Win32开发人员为什么“必..

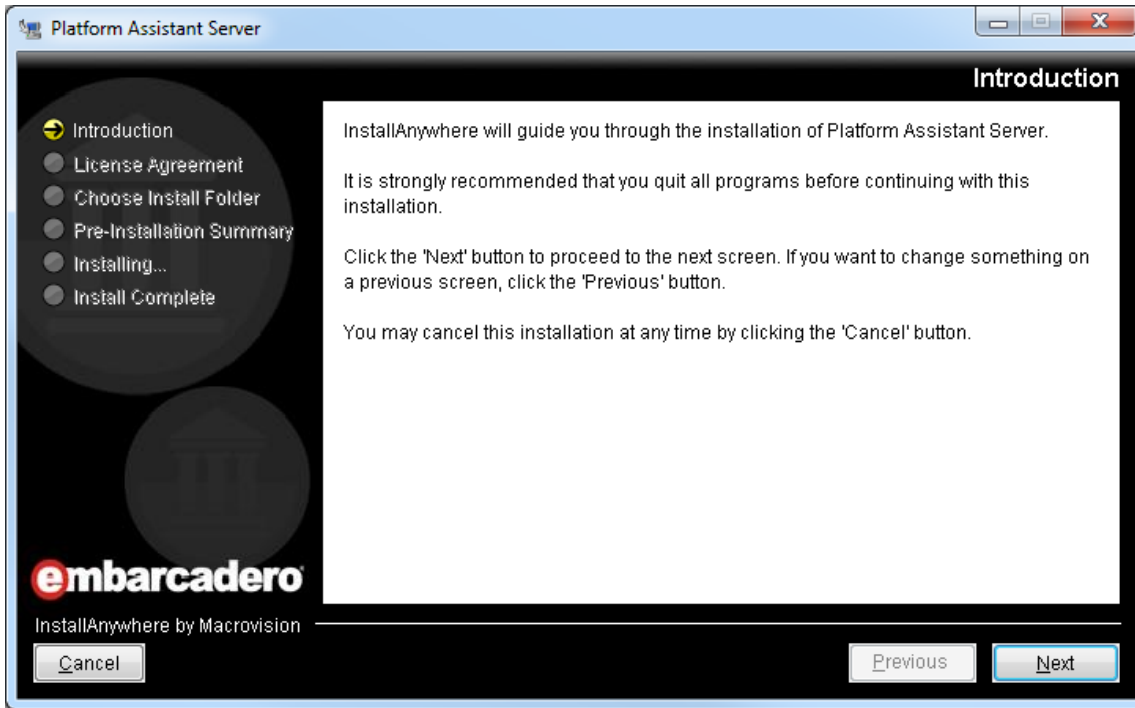
- Delphi 2007 体验

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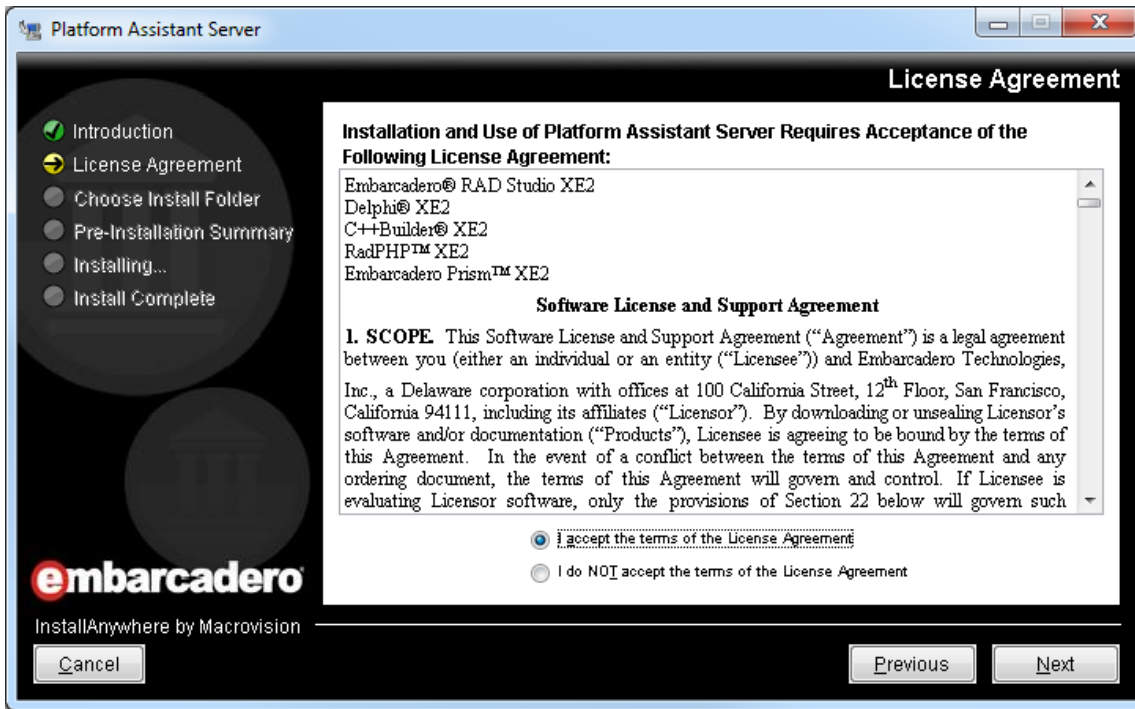


- Press **OK**



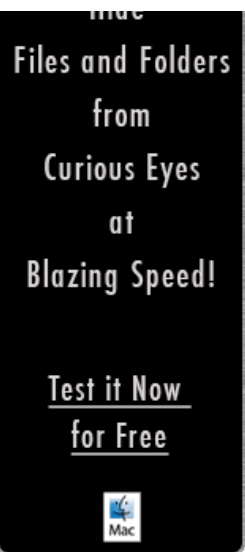
PAServer Windows Setup (Step 2)

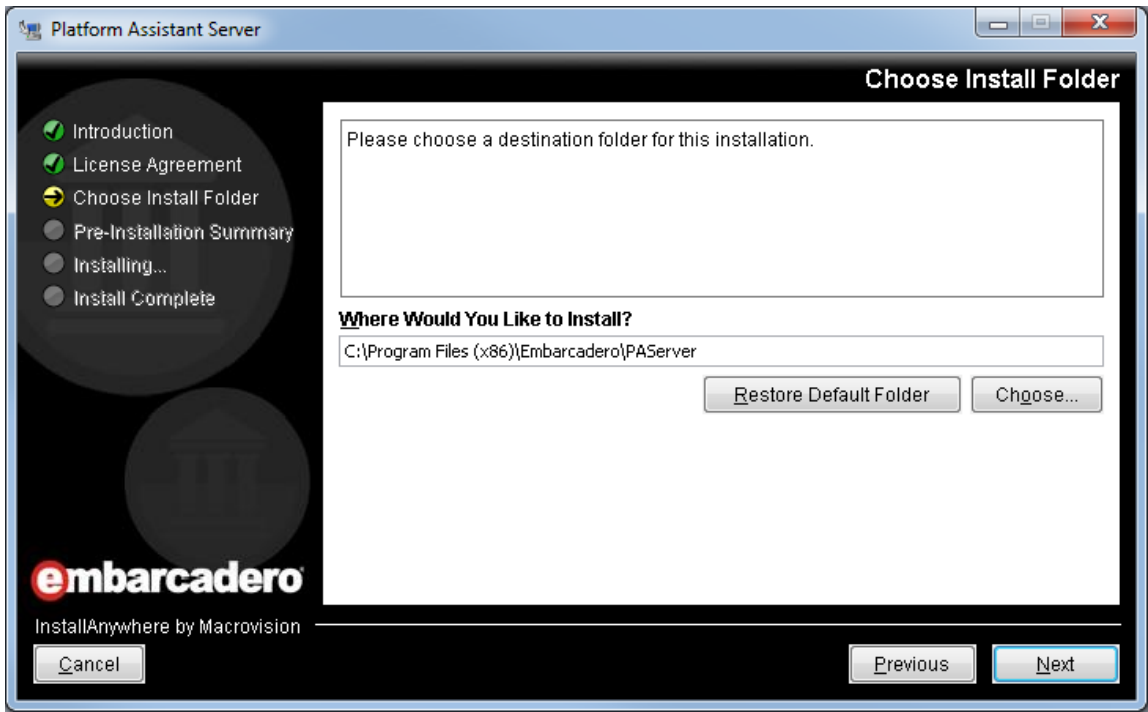
- Press **Next**



PAServer Windows Setup (Step 3)

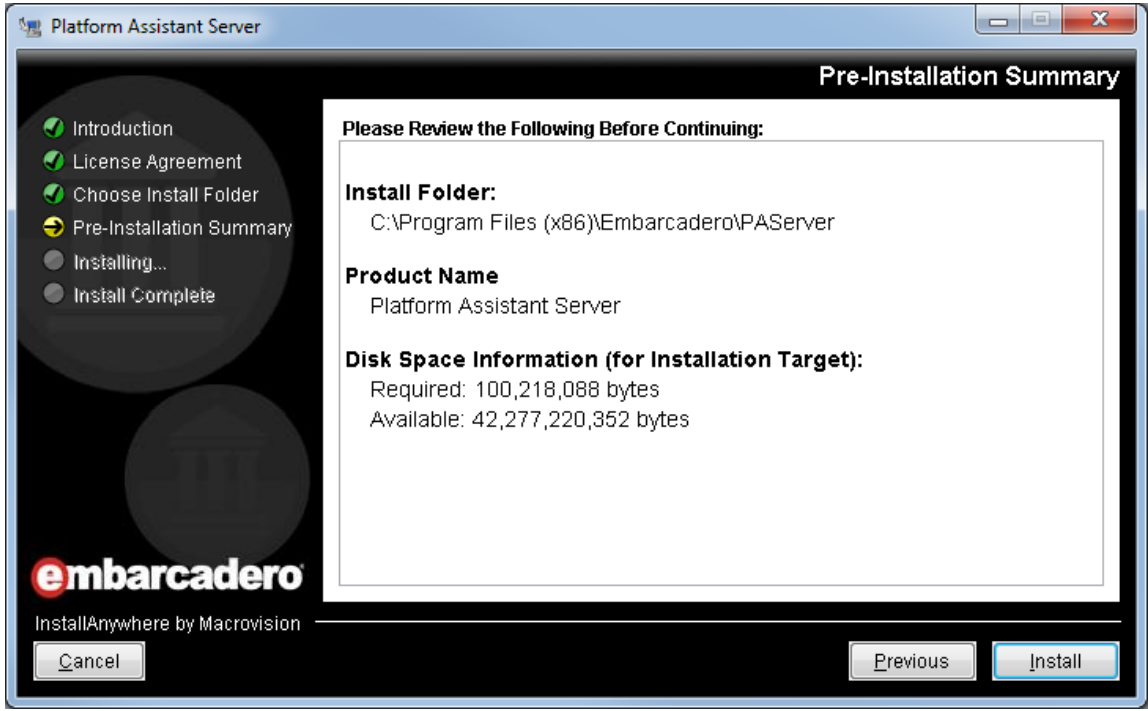
- Select **"I accept the terms of the License Agreement"** and press **Next**





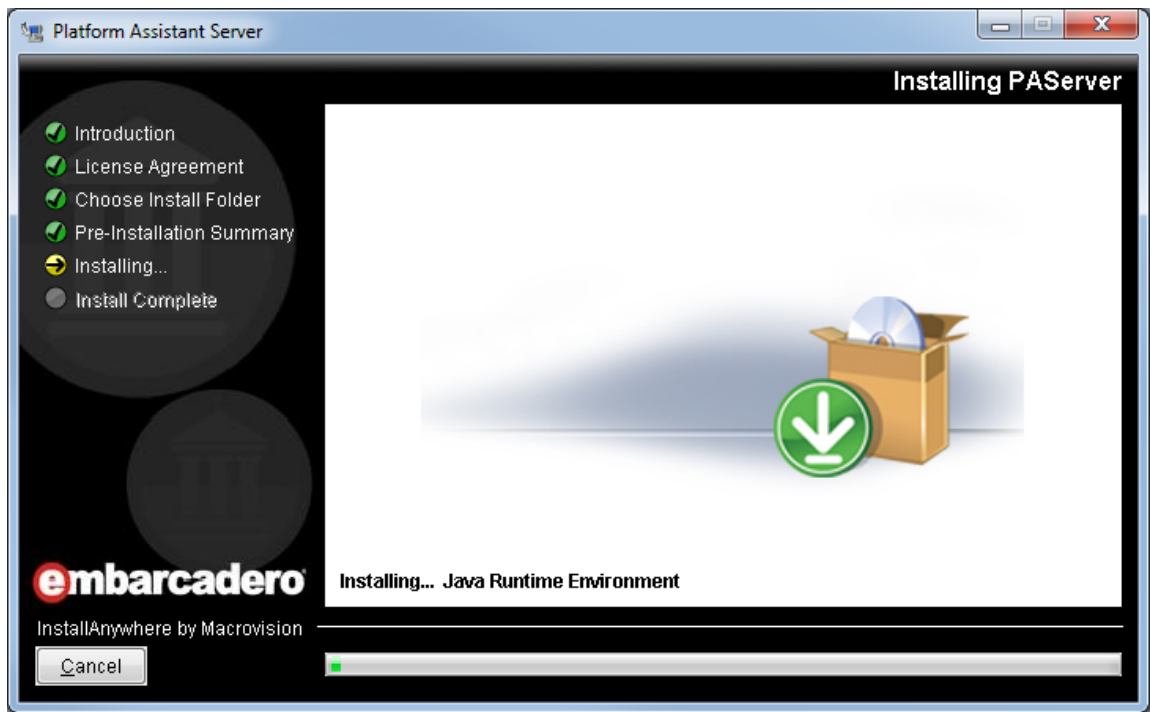
PA Server Windows Setup (Step 4)

- Press **N**ext



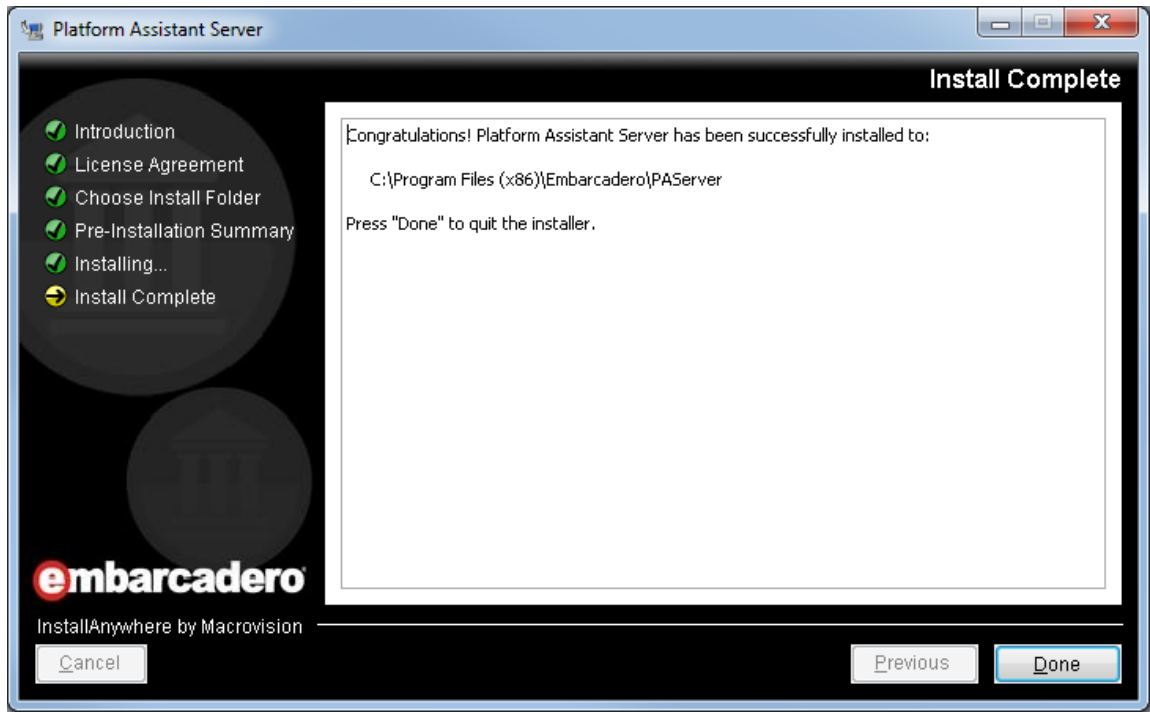
PA Server Windows Setup (Step 5)

- Press **I**nstall



PAServer Windows Setup (Step 6)

- Wait for the process to finish (*could be anything from a minute or longer*)

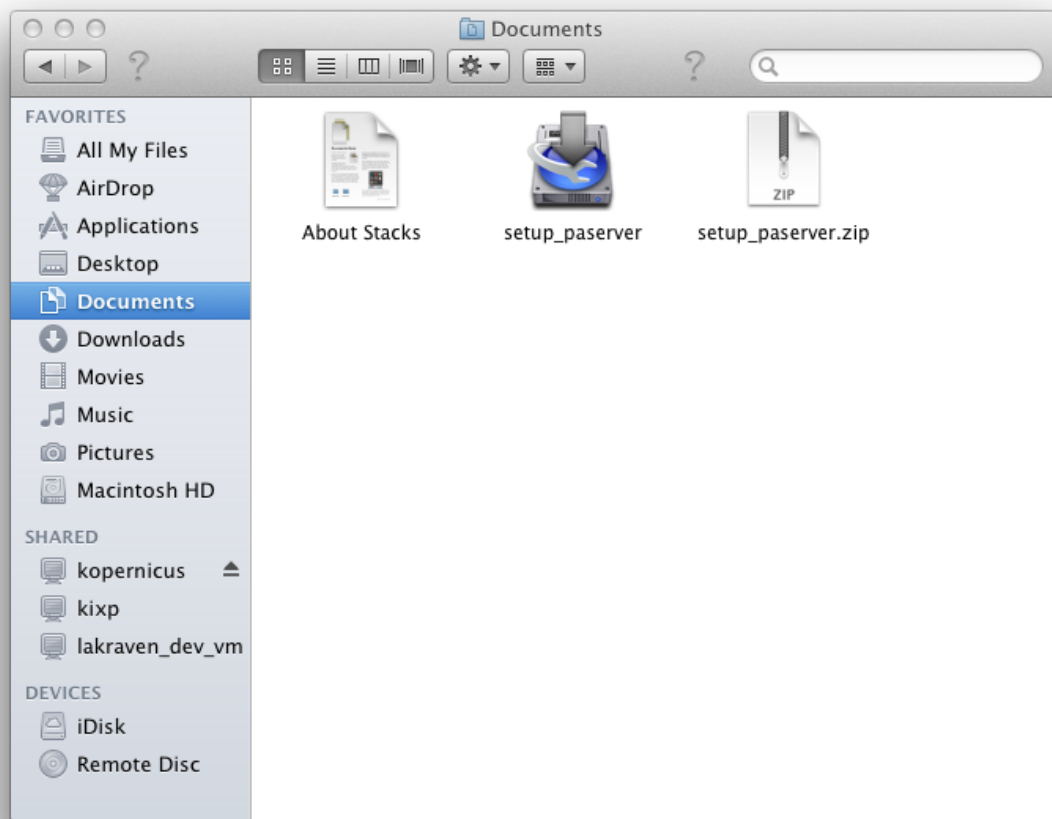


PAServer Windows Setup (Step 7)

- Press **D**one

**On your MacOSX deployment/debugging machine**

- In **Finder**, locate the Folder into which you placed **setup\_paserver.zip**, and **Double-Click** on the zip file.



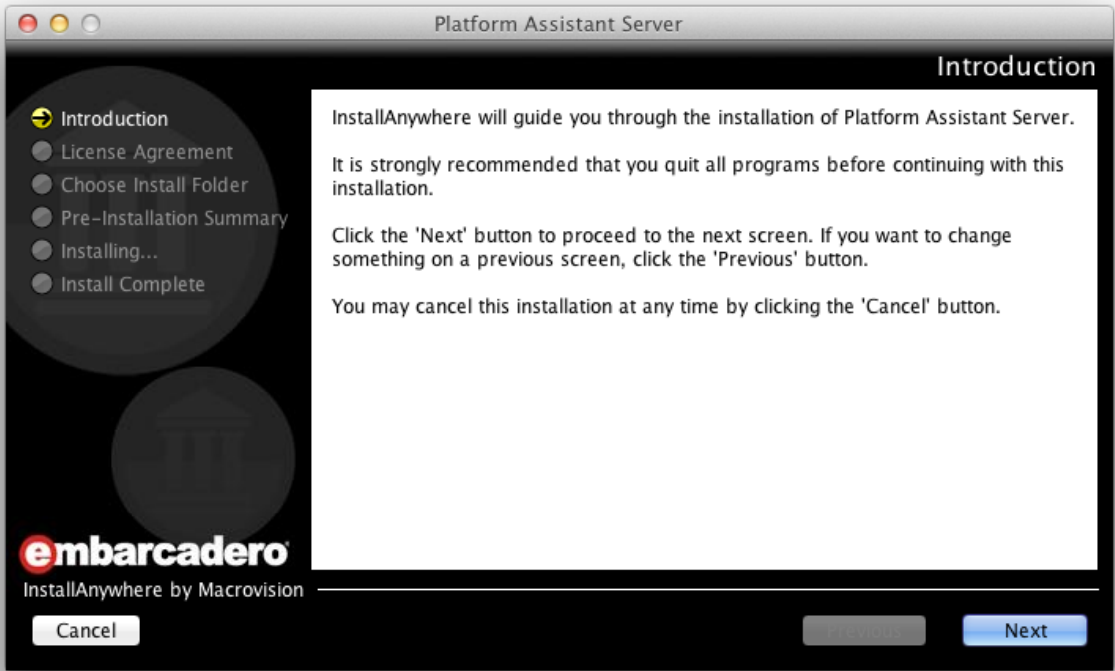
PAServer MacOSX Setup (Step 1)

- **Double-Click** on the file named **setup\_paserver** (noting the absence of .zip) to begin the PAServer setup on your MacOSX system.



PAServer Mac Setup (Step 2)

- Press **OK**



PAServer Mac Setup (Step 3)

- Press **Next**



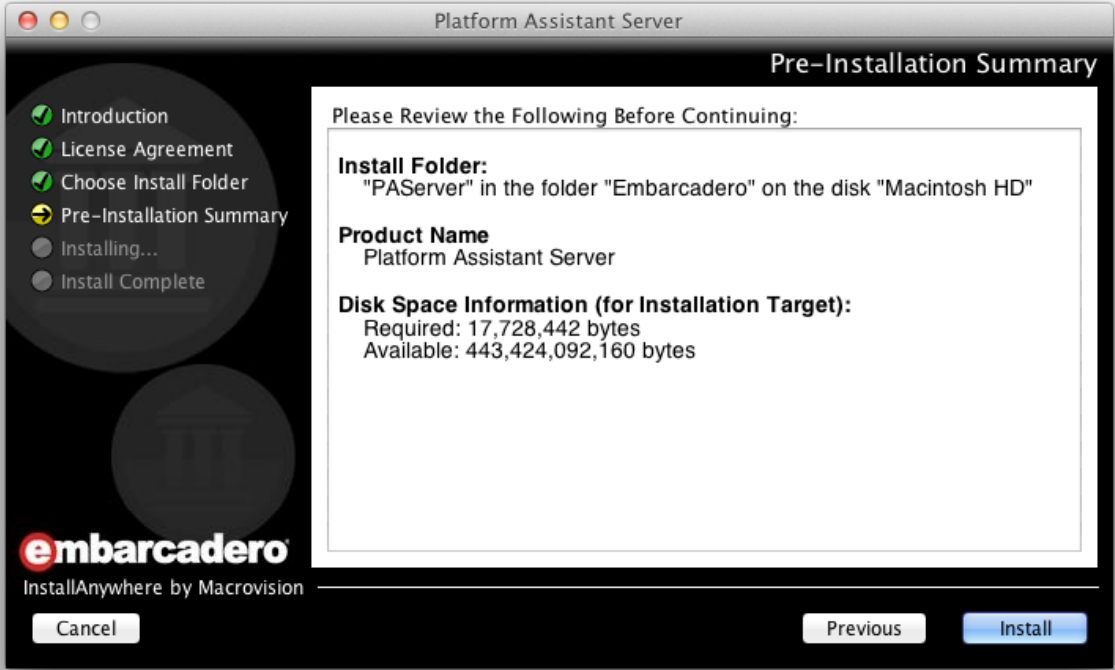
PAServer Mac Setup (Step 4)

- Select **"I accept the terms of the License Agreement"** and press **Next**



PAServer Mac Setup (Step 5)

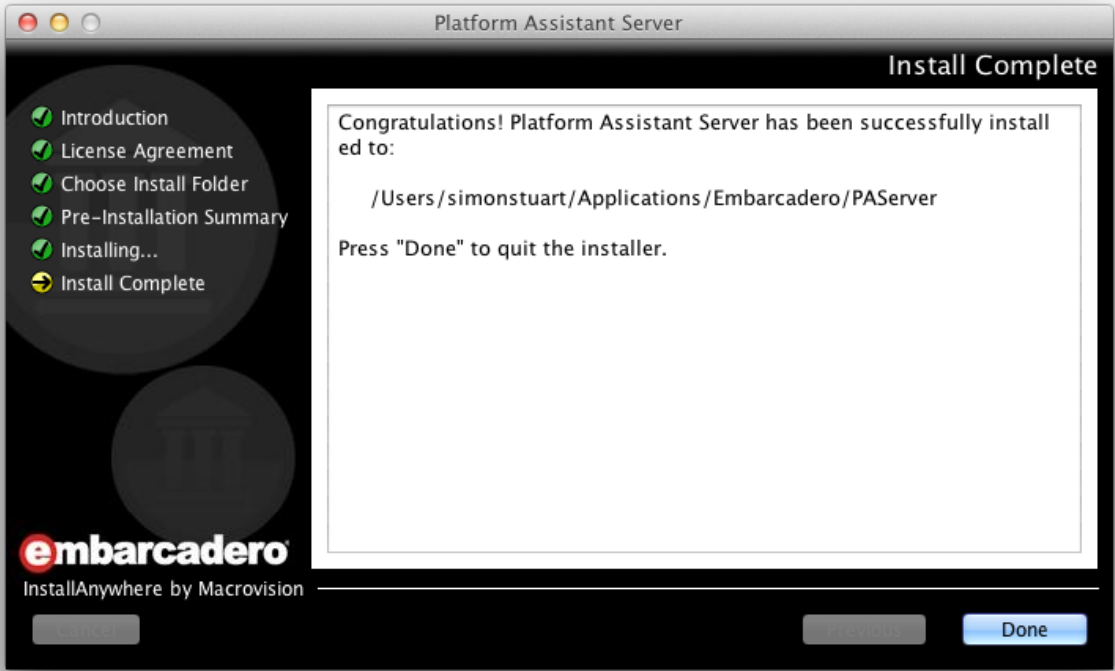
- Press **Next** (Note: This guide presumes that you're installing PAServer on your MacOSX machine using the default location. If you elect to install to a different location, you will need to accommodate for that in future portions of this guide!)



PAServer Mac Setup (Step 6)

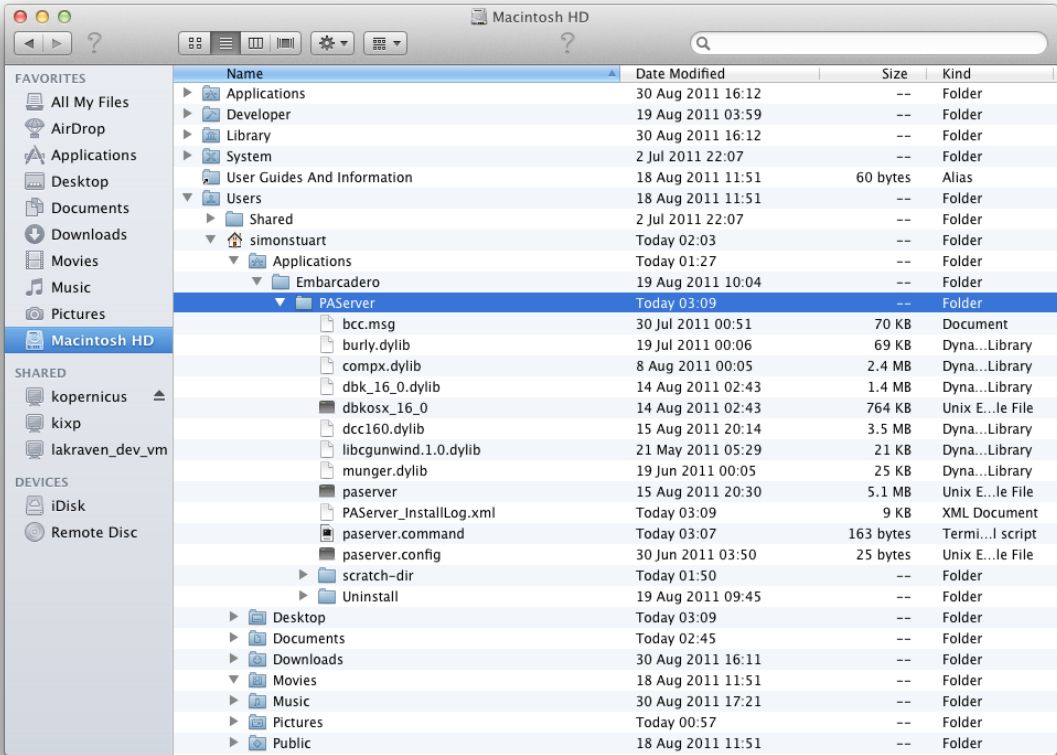
- Press **Install** (Remember: the installation process can take anything from a few seconds to several minutes)





PAServer Mac Setup (Step 7)

- Press **Done**
- Go back to **Finder**, and navigate to **"/Users/%username%/Applications/Embarcadero/PAServer"** (*substitute %username% for your MacOSX account username*)



PAServer Mac Setup (Step 8)



- To run PAServer on your Mac (*which is necessary to deploy and debug Delphi applications for the OSX platform*), you can simply **Double-Click** on the **paserver** Application file



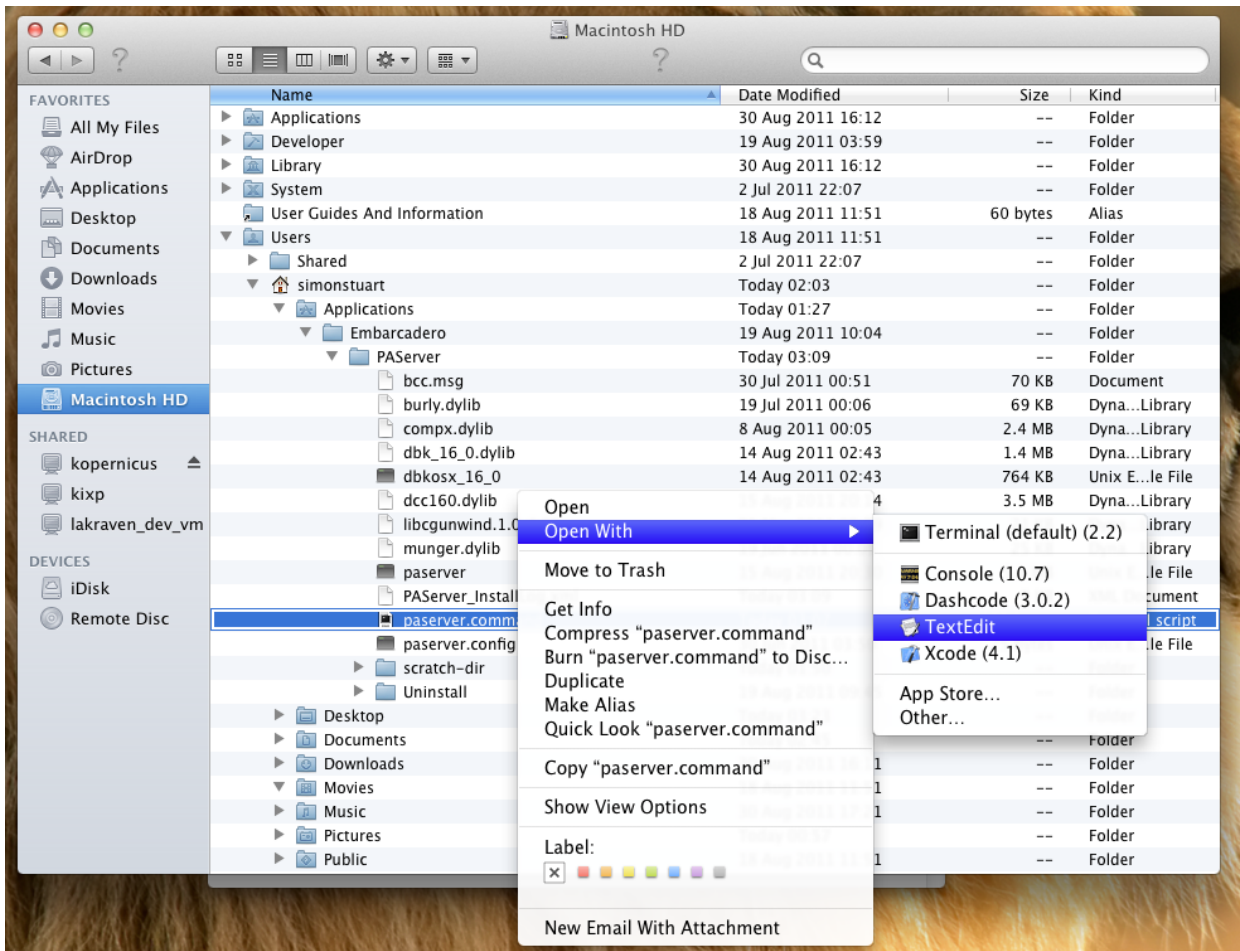
#### PAServer Mac Setup (Step 9)

- Simply **enter a good password** and press the **Enter/Return Key**

You can also create a Desktop/Dock shortcut to the **paserver** application to make it easier to run on demand.... or, if you're clever.....

### Make PAServer start automatically on your Mac when you switch it on (*or log in*)

- Since you already have **Finder** open in the **" /Users/%username%/Applications/Embarcadero/PAServer "** folder...
- Bring up **Context Menu** (*by doing **Control+Click***) on the **paserver.command** file
- Go to **Open With** and click **TextEdit**



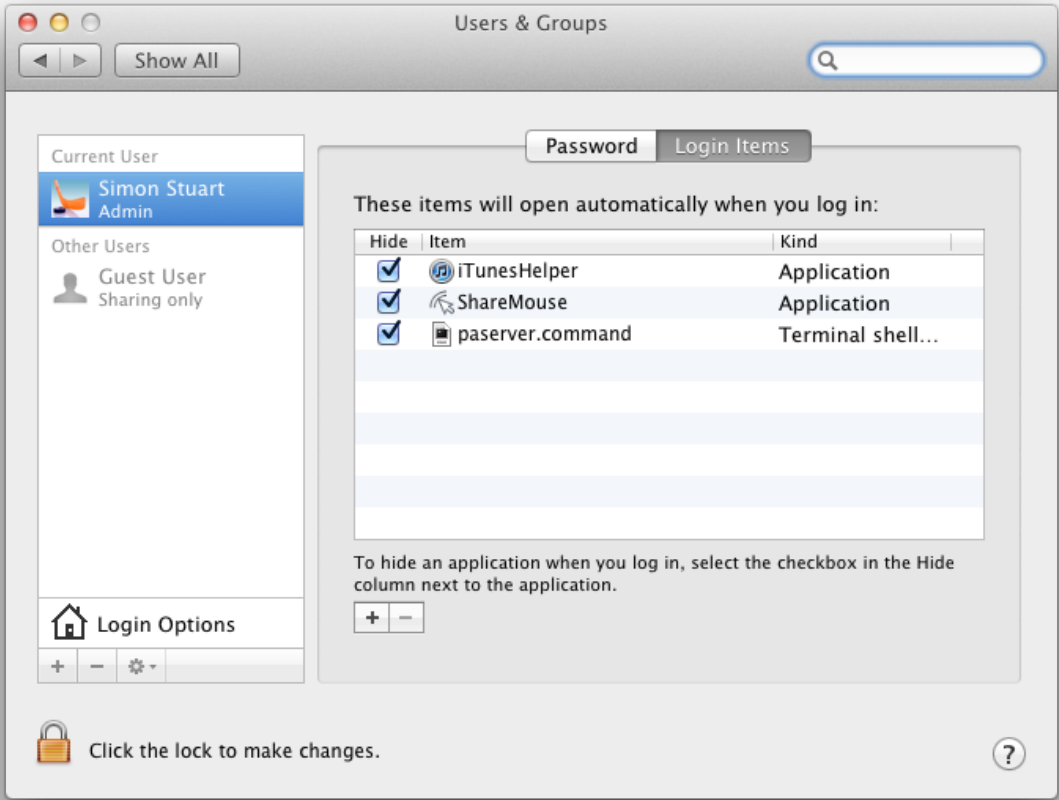
PAServer Autorun At Startup/Login (Step 1-3)

- Modify the second line so that it resembles the following:  
"/Users/%username%/Applications/Embarcadero/PAServer/paserver" -password=S0m3Gr8tP455w0rd  
Including quotes, and remembering to substitute %username% with your MacOSX user account name! Essentially you're just adding -password=... to the end of the line!

```
paserver.command — Edited
export DYLD_LIBRARY_PATH=$DYLD_LIBRARY_PATH:"/Users/simonstuart/Applications/Embarcadero/PAServer"
"/Users/simonstuart/Applications/Embarcadero/PAServer/paserver" -password=S0m3Gr8tP455w0rd
```

PAServer Autorun At Startup/Login (Step 4)

- **Save the file** (using **Command+S**) and then **Quit TextExit**
- Open **System Preferences**, select **Users & Groups**, then press the **Login Items** button.
- Press the **+** button to add a new item to your login group
- Locate **"/Users/%username%/Applications/Embarcadero/PAServer/paserver.command"** and press **Add**.
- Tick the box (in the **Hide** column) corresponding to your paserver.command entry

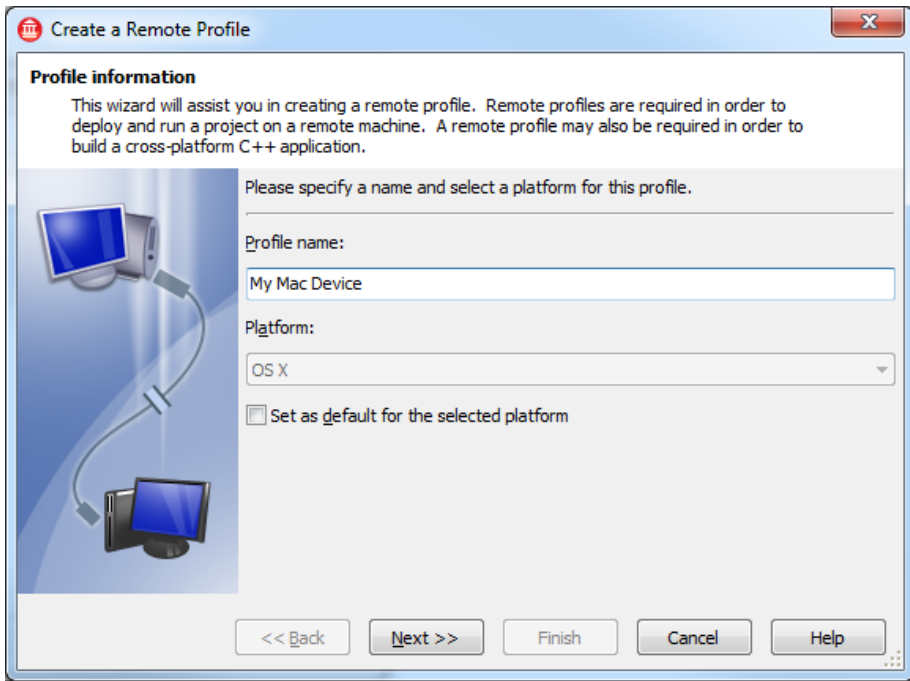


PAServer Autorun At Startup/Login (Step 5)

PAServer will now automatically start (*and hide itself*) whenever you log in to your Mac, eliminating the annoyance of forgetting to start it before attempting to deploy/debug a Delphi application to the OSX platform.

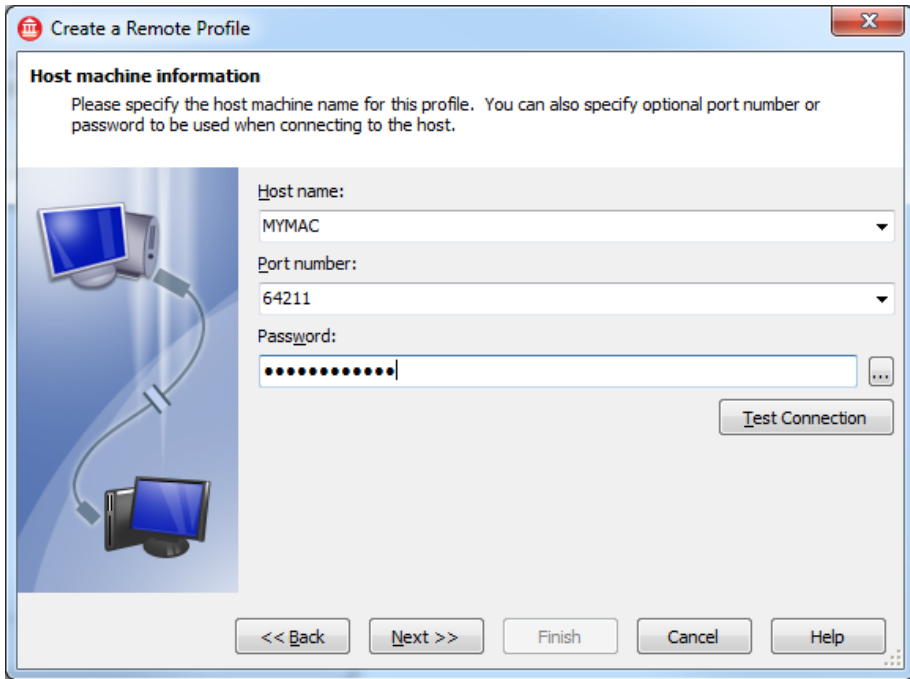
Deploying your first FireMonkey application to your MacOSX machine

- Open or create your FireMonkey project
- On the **Project Manager**, you will need to **Right-Click** on **Target Platforms**, click **Add Platform**, and select **OS X** from the list, followed by clicking **OK**
- Right-click on the **OS X** entry under **Target Platforms** on the **Project Manager** and click **Assign Remote Profile**
- Click **Add...**
- Enter **Profile name**



XE2 MacOSX FireMonkey Application Deployment (Step 1)

- Click **N**ext >>
- Enter the **H**ost name (or IP Address) of your MacOSX machine, and your **P**assword as specified for PAServer on your Mac.



XE2 MacOSX FireMonkey Application Deployment (Step 2)

- You may use **T**est Connection to ensure that your details are correct
- Click **N**ext >>, followed by **F**inish
- Select your new Remote Profile from the list (e.g. **My Mac Device** as per the screenshot for Step 1) and click **O**K

That's it! Your profile will be used for all MacOSX deployments by default (unless you specify a different profile for specific projects). Pressing **F9** will deploy your application to your MacOSX machine (presuming you have selected the **OS X** entry in **Target Platforms** on the **Project Manager**), and you'll be able to debug your application from Delphi whilst it is running on your Mac!

Just because pictures speak louder than words...



FireMonkey 3D GUI Demo on OSX Lion

You can find the official PAServer documentation on Embarcadero's Documentation Wiki.

来源 <http://www.simonjstuart.com/2011/09/03/rad-studio-xe2-setting-it-up-for-a-mac-step-by-step-illustrated-guide/>

(出处: <http://www.simonjstuart.com>)

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