



PostgreSQL 8.3.5 – Universal Build

Release Notes and Quick Installation Guide

Release Notes – 8.3.5b

02-05-2009

- Heavily modified installer to address issues with file creation and ownership changes during initial setup. This should address the bulk of the installation failures.
- Updated Preference Panel to include new functionality.

Installation Guide

This package contains three separate and distinct installers. One for the server, one for the client tools and one for the developer. All three can be installed side by side. The Server and Developer portions are .pkg installers, as the both install to locations that require authorization. The Server installation goes into the /Library/ folder. It will install into two folders, /Library/PostgreSQL8 and /Library/StartupItems/PostgreSQL. It also creates a Postgres user and group via NetInfo. There is an uninstall script placed into the /Library/PostgreSQL8 folder that removes all of the above. The server installation does not include the static libraries, only the dynamic libraries. If you want the static libraries, you will need to install the Developer package.

The Developer folder contains a zip of the /opt/local tree with headers and static libraries that should be unzipped into the root of the boot drive, in keeping with traditional Unix paths. This install is not configured to be run, and is intended to be used primarily by developers that wish to compile against the static libraries. One of the oddities of using Xcode is that if the equivalent .dylib exists in the same path as the referenced .a, it will link against the .dylib. Annoying, but the workaround is to put the .a's somewhere else, and this is our solution.

The Client Tools package is no longer a .pkg installer, though the .pkg does remain in the server install package, and can be run on it's own. Since it doesn't need to place anything in specific locations, all of the Client tool applications have been placed in a folder, so that you may elect what you wish to put where. Further, these tools can be installed to any Mac OS X (10.4.4+) install and do not require a local installation of the server.

Technical Notes

Of technical note, the command line options used to build the core packages are slightly different for the Server and the Developer version. On the Server side, the options are:

```
./configure --prefix=/Library/PostgreSQL8 --with-openssl --with-bonjour --with-perl --with-pam  
--with-krb5 --with-tcl --with-python --disable-static --enable-shared
```

While on the Developer side the options are:

```
./configure --prefix=/opt/local --with-openssl --with-bonjour --with-perl --with-pam --with-krb5  
--with-tcl --with-python --enable-static --disable-shared
```

For the PowerPC, the additional `--without-readline` flag is added, as there is not an implementation of readline in a the stock installation of 10.3.x.

Also of note is that the process to download and build the core packages are Automator scripts that should make this process much more painless in the future. At the moment, the Disk Image is not created automatically. That workflow remains to be written.

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