

Installing on Mac OS X

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The following steps are known to work with Mac OS X 10.8 and 10.9 (Mavericks). You can install from source or download a precompiled tarball.



Install Types

- Precompiled Tarballs
- Homebrew
- Source

ulimit on OS X

OS X gives you a very small limit on open file handles, so even with a backend that uses very few file handles, it's possible to run out. See [Open Files Limit](#) for more information about changing the limit.

From Precompiled Tarballs

To run Riak from our precompiled tarball, run these commands for the appropriate platform:

64-bit

Shell

```
curl -O http://s3.amazonaws.com/downloads.basho.com/riak/1.4.8-osx-x86_64.tar.gz  
tar xzvf riak-1.4.8-osx-x86_64.tar.gz
```

After the release is untarred, you will be able to `cd` into the riak directory and execute `bin/riak start` to start the Riak node.

Homebrew

Homebrew's Riak recipe is community supported, and thus is not always up to date with the latest Riak package. Please ensure that the current recipe is using the latest supported code (and don't be scared to update it if it's not).

Installing with Homebrew is easy:

Shell

```
brew install riak
```

Homebrew will install Erlang if you don't have it already.

From Source

You must have Xcode tools installed from [Apple's Developer website](#).

Riak will not compile with Clang. Please make sure your default C/C++ compiler is GCC.

Riak requires [Erlang](#) R15B01.

If you do not have Erlang already installed, see [Installing Erlang](#). Don't worry, it's easy!

Next, download and unpack the source distribution.

Shell

```
wget http://s3.amazonaws.com/downloads.basho.com/riak/1.4/1.4.8.tar.gz
tar zxvf riak-1.4.8.tar.gz
cd riak-1.4.8
make rel
```

If you get errors when building about “incompatible architecture”, please verify that you built Erlang with the same architecture as your system (Snow Leopard and higher: 64bit).

Next Steps?

From here you might want to check out:

- **Post Installation**: for checking Riak health after installation
- **Five Minute Install**: a guide that will show you how to go from one node to bigger than Google!

Tutorial Nav: [Installing and Upgrading](#)

[Installing on RHEL and CentOS](#)[Installing on FreeBSD](#)

These May Also Interest You

- [Installing on AWS Marketplace](#)
- [Installing on Windows Azure](#)
- [Installing on Debian and Ubuntu](#)
- [Installing Erlang](#)
- [Installing on FreeBSD](#)
- [Installing Riak from Source](#)