

How do I install Debathena manually?

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Answer



Advanced Users Only

These instructions are intended for advanced users who have extensive experience maintaining a Debian or Ubuntu installation and wish to have full control over each step of the installation process.

In general, **you are strongly encouraged to install Debathena using the [installation script](#)** as described in: [How do I install Debathena on my personal computer?](#)

Package Managers

The instructions below use `apt-get` when installing packages. While it should technically be possible to use any package manager, we have found that `aptitude`'s dependency resolver does not interact well with *multiarch* packages.

Graphical package managers, such as `adept` and `synaptic` do not easily support re-configuring the `DEBIAN_FRONTEND` environment variable. If you must use them, you may execute **`dpkg-reconfigure debconf`** to change the frontend to `noninteractive`, and change it back when you have installed Debathena.

Manual Installation



The following steps are to be executed on the command line as root.

Step 1. Install the repository's public key.

```
wget -N https://debathena.mit.edu/apt/debathena-archive.asc;
apt-key add debathena-archive.asc
```

Step 2. Make the Debathena repository available to your package manager by adding the following two lines to `/etc/apt/sources.list`. Substitute the name of your distribution (e.g. `squeeze`, `lucid`, `precise`) for `DISTRO`.

```
deb http://debathena.mit.edu/apt DISTRO debathena debathena-config debathena-system
deb-src http://debathena.mit.edu/apt DISTRO debathena debathena-config debathena-system
```



Repository Components

The example above uses the main *components* of the Debathena repository. For additional components that may be available, please visit the [Debathena homepage](#)

Step 3. To give `aptitude` access to the new repository, run

```
apt-get update
```



These components contain the packages needed for a normal installation; further information about our repository structure is available at [Debathena repository component options](#).

Step 4. If you are using Ubuntu, you must also make sure that the [Universe repository](#) is enabled. This is the default setting in modern versions of Ubuntu.

Step 5. Ensure that the headers for your kernel are installed, by running the following command and checking for packages that begin with `linux-headers`.

```
dpkg-query -W 'linux-headers-*'
```

Typically, this is package named something like `linux-headers-flavor` where `flavor` is something like `generic`, or `server`. (Debian packages may look like `linux-headers-2.6-amd64`.)

Step 6. Install the `openafs-modules-dkms` package, which will automatically compile and install OpenAFS modules for all installed kernels on your machine (provided headers are available).

```
env DEBIAN_FRONTEND=noninteractive apt-get install openafs-modules-dkms
```

Note: If you are running an ancient distribution (Debian 5.0 or earlier, or Ubuntu 9.04 or earlier), this package will not be available. You will need to instead install the `openafs-modules-source` package, and build the module by hand.

Step 7. Now you can install Debathena packages. The following will give you the recommended set of packages; other metapackages are also available at [Which Debathena metapackage should I install?](#).

```
env DEBIAN_FRONTEND=noninteractive aptitude install debathena-standard
```

Step 8 If you are using `Debathena-login`, `Debathena-login-graphical`, or `Debathena-workstation`, and want to configure access controls, or are using `Debathena-standard` and have a local username different from your Athena username, or want to do other supported customizations, see [\[archive:Customizing Debathena\]](#).

Step 9 Please subscribe to our announcement list, so that we can send you announcements about changes in the project and important security upgrades.

```
blanche debathena-announce -a $USER
```

See Also

- [Debathena Landing Page](#)