How do I install the Debathena-standard metapackage?

Q: How do I install the Debathena-standard metapackage?
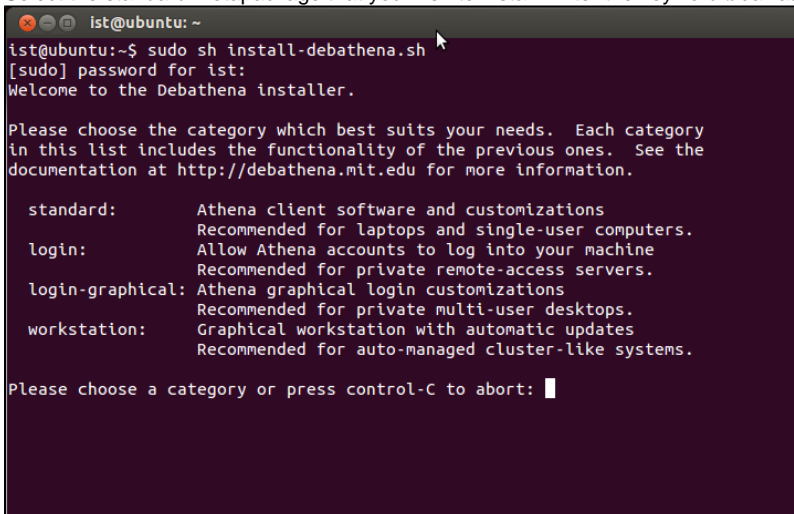
On this page:

Context

- This article will explain how to install the Debathena-standard metapackage on your personal computer using the interactive command-line installer. If you wish to use an alternative mode of installation, please refer to How do I install Debathena on my personal computer?.
- You have followed the pre-installation instructions and met the requirements on How do I install Debathena on my personal computer?.

Answer

1. Open the command line.
   The following steps will be executed on the command line. If you are unfamiliar with the command line, you can refer to IST's guide on Working with the Command Line.
2. Make sure your Ubuntu or Debian package is up to date. You might be prompted for your personal computer's password. Follow the on-screen instructions to update your Ubuntu or Debian package.

```
sudo apt-get update        # Fetches the list of available updates
sudo apt-get dist-upgrade  # Installs updates
```

3. Download and execute the Debathena installation script. Follow the instructions on Installing Debathena .
4. Select the standard metapackage that you wish to install. Enter the keyword `standard` at the prompt.

5. Choose whether you want to install extra software packages. This is a large package and provides all the third party software that is installed on Debathena cluster workstations. If you want your workstation to be exactly like a cluster workstation, you should choose to

install this package. Alternatively, you can skip this package and install individual pieces of software when you need them. To learn more about them, see Software Licenses in Debathena.

```
🔴🟡🟢  ist@ubuntu: ~
                 Recommended for private remote-access servers.
  login-graphical: Athena graphical login customizations
                 Recommended for private multi-user desktops.
  workstation:     Graphical workstation with automatic updates
                 Recommended for auto-managed cluster-like systems.

Please choose a category or press control-C to abort: standard
Debathena provides the 'debathena-msmtp-mta' package, which includes
a wrapper for the 'sendmail' command that configures it to use the
MIT outgoing servers and Kerberos authentication.
Advanced users may wish to skip this package and configure their own
mail transport agent (e.g. Postfix) instead.

Install debathena-msmtp-mta? [y/N]y

The extra-software package installs a standard set of software
determined to be of interest to MIT users, such as LaTeX.  It is pretty
big (several gigabytes, possibly more).

Note: This package may include software with additional license terms.
      By installing it, you are agreeing to the terms of these licenses.
      For more information, please see http://debathena.mit.edu/licensing

Do you want the extra-software package [y/N]? ▮
```

6. Review details of your installation. Press **return** to confirm and continue.

```
🔴🟡🟢  ist@ubuntu: ~
a wrapper for the 'sendmail' command that configures it to use the
MIT outgoing servers and Kerberos authentication.
Advanced users may wish to skip this package and configure their own
mail transport agent (e.g. Postfix) instead.

Install debathena-msmtp-mta? [y/N]y

The extra-software package installs a standard set of software
determined to be of interest to MIT users, such as LaTeX.  It is pretty
big (several gigabytes, possibly more).

Note: This package may include software with additional license terms.
      By installing it, you are agreeing to the terms of these licenses.
      For more information, please see http://debathena.mit.edu/licensing

Do you want the extra-software package [y/N]? N

A summary of your choices:
  Category: standard
  Extra-software package: no
  Third-party software package: no

Press return to begin or control-C to abort
▮
```

7. Choose whether you want to install OpenAFS from a PPA (personal package archive) maintained by the OpenAFS team. Press **return** or enter ʏ to install OpenAFS from a PPA (recommended).

```
🔴🟡🟢  ist@ubuntu: ~
update-alternatives: using /usr/bin/aptitude-curses to provide /usr/bin/aptitude
 (aptitude) in auto mode.
Setting up libsub-name-perl (0.05-1build2) ...
Setting up libclass-accessor-perl (0.34-1) ...
Setting up libio-string-perl (1.08-2) ...
Setting up libtimedate-perl (1.2000-1) ...
Setting up libparse-debianchangelog-perl (1.2.0-1ubuntu1) ...
Processing triggers for libc-bin ...
ldconfig deferred processing now taking place
Installing Debathena installer dependencies: wget and dnsutils
Reading package lists... Done
Building dependency tree
Reading state information... Done
dnsutils is already the newest version.
dnsutils set to manually installed.
wget is already the newest version.
wget set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
OpenAFS is available from both the Ubuntu 'universe' repository
and a PPA (personal package archive) maintained by the OpenAFS
team.  We recommend using the PPA, as it is mostly likely to
keep pace with Ubuntu's kernel updates.  For some releases,
the PPA is required for AFS to function correctly at all.
Is that ok? [Y/n] ▮
```

8. Congratulations! You have successfully installed Debathena-standard.

```
ist@ubuntu: ~
Setting up lib32gcc1 (1:4.6.3-1ubuntu5) ...
Setting up lib32stdc++6 (4.6.3-1ubuntu5) ...
Setting up odbcinst (2.2.14p2-5ubuntu3) ...
Setting up odbcinst1debian2 (2.2.14p2-5ubuntu3) ...
Setting up odbcinst1debian2:i386 (2.2.14p2-5ubuntu3) ...
Setting up gamin (0.1.10-4ubuntu0.1) ...
Setting up libqtgui4:i386 (4:4.8.1-0ubuntu4.8) ...
Setting up libqt4-declarative:i386 (4:4.8.1-0ubuntu4.8) ...
Setting up libqt4-designer:i386 (4:4.8.1-0ubuntu4.8) ...
Setting up libqt4-opengl:i386 (4:4.8.1-0ubuntu4.8) ...
Setting up libqt4-qt3support:i386 (4:4.8.1-0ubuntu4.8) ...
Setting up libqt4-scripttools:i386 (4:4.8.1-0ubuntu4.8) ...
Setting up libqt4-svg:i386 (4:4.8.1-0ubuntu4.8) ...
Setting up libqtwebkit4:i386 (2.2.1-1ubuntu4) ...
Setting up libgamin0 (0.1.10-4ubuntu0.1) ...
Setting up ia32-libs-multiarch:i386 (20090808ubuntu36) ...
Setting up ia32-libs (20090808ubuntu36) ...
Setting up libgnome2-bin (2.32.1-2ubuntu1.1) ...
Setting up libgnome2-0 (2.32.1-2ubuntu1.1) ...
Processing triggers for libc-bin ...
ldconfig deferred processing now taking place
Processing triggers for libgdk-pixbuf2.0-0:i386 ...
Processing triggers for python-support ...
ist@ubuntu:~$
```

Learn more about using Debathena-standard

See [hdarchive:Debathena Landing Page].