



### Warnings

- If you have previously installed MySQL using your operating system native package management system, such as Yum or APT, you may experience problems installing using a native binary. Make sure your previous MySQL installation has been removed entirely (using your package management system), and that any additional files, such as old versions of your data files, have also been removed. You should also check for configuration files such as `/etc/my.cnf` or the `/etc/mysql` directory and delete them.

For information about replacing third-party packages with official MySQL packages, see the related [APT guide](#) or [Yum guide](#).

- MySQL has a dependency on the `libaio` library. Data directory initialization and subsequent server startup steps fail if this library is not installed locally. If necessary, install it using the appropriate package manager. For example, on Yum-based systems:

```
shell> yum search libaio # search for info
shell> yum install libaio # install library
```

Or, on APT-based systems:

```
shell> apt-cache search libaio # search for info
shell> apt-get install libaio1 # install library
```

- **Oracle Linux 8 / Red Hat 8 (EL8):** These platforms by default do not install the file `/lib64/libtinfo.so.5`, which is required by the MySQL client `bin/mysql` for packages `mysql-VERSION-el7-x86_64.tar.gz` and `mysql-VERSION-linux-glibc2.12-x86_64.tar.xz`. To work around this issue, install the `ncurses-compat-libs` package:

```
shell> yum install ncurses-compat-libs
```

To install a compressed `tar` file binary distribution, unpack it at the installation location you choose (typically `/usr/local/mysql`). This creates the directories shown in the following table.

**Table 2.3 MySQL Installation Layout for Generic Unix/Linux Binary Package**

Directory	Contents of Directory
<code>bin</code>	<code>mysqld</code> server, client and utility programs
<code>docs</code>	MySQL manual in Info format
<code>man</code>	Unix manual pages
<code>include</code>	Include (header) files
<code>lib</code>	Libraries
<code>share</code>	Error messages, dictionary, and SQL for database installation
<code>support-files</code>	Miscellaneous support files

Debug versions of the `mysqld` binary are available as `mysqld-debug`. To compile your own debug version of MySQL from a source distribution, use the appropriate configuration options to enable debugging support. See [Section 2.9, “Installing MySQL from Source”](#).

To install and use a MySQL binary distribution, the command sequence looks like this: