

Alternatively, `rpm` also supports loading the key directly from a URL, and you can use this manual page:

```
shell> rpm --import https://dev.mysql.com/doc/refman/8.0/en/checking-gpg-signature.html
```

If you need to obtain the MySQL public key, see [Section 2.1.4.2, “Signature Checking Using GnuPG”](#).

2.1.5 Installation Layouts

The installation layout differs for different installation types (for example, native packages, binary tarballs, and source tarballs), which can lead to confusion when managing different systems or using different installation sources. The individual layouts are given in the corresponding installation type or platform chapter, as described following. Note that the layout of installations from vendors other than Oracle may differ from these layouts.

- [Section 2.3.1, “MySQL Installation Layout on Microsoft Windows”](#)
- [Section 2.9.3, “MySQL Layout for Source Installation”](#)
- [Table 2.3, “MySQL Installation Layout for Generic Unix/Linux Binary Package”](#)
- [Table 2.12, “MySQL Installation Layout for Linux RPM Packages from the MySQL Developer Zone”](#)
- [Table 2.7, “MySQL Installation Layout on macOS”](#)

2.1.6 Compiler-Specific Build Characteristics

In some cases, the compiler used to build MySQL affects the features available for use. The notes in this section apply for binary distributions provided by Oracle Corporation or that you compile yourself from source.

icc (Intel C++ Compiler) Builds

A server built with `icc` has these characteristics:

- SSL support is not included.

2.2 Installing MySQL on Unix/Linux Using Generic Binaries

Oracle provides a set of binary distributions of MySQL. These include generic binary distributions in the form of compressed `tar` files (files with a `.tar.xz` extension) for a number of platforms, and binaries in platform-specific package formats for selected platforms.

This section covers the installation of MySQL from a compressed `tar` file binary distribution on Unix/Linux platforms. For other platform-specific binary package formats, see the other platform-specific sections in this manual. For example, for Windows distributions, see [Section 2.3, “Installing MySQL on Microsoft Windows”](#). See [Section 2.1.3, “How to Get MySQL”](#) on how to obtain MySQL in different distribution formats.

MySQL compressed `tar` file binary distributions have names of the form `mysql-VERSION-OS.tar.xz`, where `VERSION` is a number (for example, `8.0.24`), and `OS` indicates the type of operating system for which the distribution is intended (for example, `pc-linux-i686` or `winx64`).

There is also a “minimal install” version of the MySQL compressed `tar` file for the Linux generic binary distribution, which has a name of the form `mysql-VERSION-OS-GLIBCVER-ARCH-minimal.tar.xz`. The minimal install distribution excludes debug binaries and is stripped of debug symbols, making it significantly smaller than the regular binary distribution. If you choose to install the minimal install distribution, remember to adjust for the difference in file name format in the instructions that follow.