

- `STANDALONE`: Same layout as used for `.tar.gz` and `.zip` packages. This is the default.
- `RPM`: Layout similar to RPM packages.
- `SVR4`: Solaris package layout.
- `DEB`: DEB package layout (experimental).

You can select a predefined layout but modify individual component installation locations by specifying other options. For example:

```
cmake . -DINSTALL_LAYOUT=SVR4 -DMYSQL_DATADIR=/var/mysql/data
```

The `INSTALL_LAYOUT` value determines the default value of the `secure_file_priv`, `keyring_encrypted_file_data`, and `keyring_file_data` system variables. See the descriptions of those variables in [Section 5.1.8, “Server System Variables”](#), and [Section 6.4.4.18, “Keyring System Variables”](#).

- `-DINSTALL_LIBDIR=dir_name`

Where to install library files.

- `-DINSTALL_MANDIR=dir_name`

Where to install manual pages.

- `-DINSTALL_MYSQLKEYRINGDIR=dir_path`

The default directory to use as the location of the `keyring_file` plugin data file. The default value is platform specific and depends on the value of the `INSTALL_LAYOUT` CMake option; see the description of the `keyring_file_data` system variable in [Section 5.1.8, “Server System Variables”](#).

- `-DINSTALL_MYSQLSHAREDIR=dir_name`

Where to install shared data files.

- `-DINSTALL_MYSQLTESTDIR=dir_name`

Where to install the `mysql-test` directory. To suppress installation of this directory, explicitly set the option to the empty value (`-DINSTALL_MYSQLTESTDIR=`).

- `-DINSTALL_PKGCONFIGDIR=dir_name`

The directory in which to install the `mysqlclient.pc` file for use by `pkg-config`. The default value is `INSTALL_LIBDIR/pkgconfig`, unless `INSTALL_LIBDIR` ends with `/mysql`, in which case that is removed first.

- `-DINSTALL_PLUGINDIR=dir_name`

The location of the plugin directory.

This value can be set at server startup with the `--plugin_dir` option.