

**NAME**

mysql\_plugin - configure MySQL server plugins

**SYNOPSIS**

**mysql\_plugin** [*options*] *plugin* {ENABLE|DISABLE}

**DESCRIPTION**

The **mysql\_plugin** utility enables MySQL administrators to manage which plugins a MySQL server loads. It provides an alternative to manually specifying the **--plugin-load** option at server startup or using the **INSTALL PLUGIN** and **UNINSTALL PLUGIN** statements at runtime.

**mysql\_plugin** is available as of MySQL 5.5.16.

Depending on whether **mysql\_plugin** is invoked to enable or disable plugins, it inserts or deletes rows in the `mysql.plugin` table that serves as a plugin registry. (To perform this operation, **mysql\_plugin** invokes the MySQL server in bootstrap mode. This means that the server must not already be running.) For normal server startups, the server loads and enables plugins listed in `mysql.plugin` automatically. For additional control over plugin activation, use **--plugin\_name** options named for specific plugins, as described in Section 5.5.1, “Installing and Uninstalling Plugins”.

Each invocation of **mysql\_plugin** reads a configuration file to determine how to configure the plugins contained in a single plugin library file. To invoke **mysql\_plugin**, use this syntax:

```
mysql_plugin [options] plugin {ENABLE|DISABLE}
```

*plugin* is the name of the plugin to configure. **ENABLE** or **DISABLE** (not case-sensitive) specify whether to enable or disable components of the plugin library named in the configuration file. The order of the *plugin* and **ENABLE** or **DISABLE** arguments does not matter.

For example, to configure components of a plugin library file named `myplugins.so` on Linux or `myplugins.dll` on Windows, specify a *plugin* value of `myplugins`. Suppose that this plugin library contains three plugins, `plugin1`, `plugin2`, and `plugin3`, all of which should be configured under **mysql\_plugin** control. By convention, configuration files have a suffix of `.ini` and the same base name as the plugin library, so the default configuration file name for this plugin library is `myplugins.ini`. The configuration file contents look like this:

```
myplugins
plugin1
plugin2
plugin3
```

The first line in the `myplugins.ini` file is the name of the library file, without any extension such as `.so` or `.dll`. The remaining lines are the names of the components to be enabled or disabled. Each value in the file should be on a separate line. Lines on which the first character is `#` are taken as comments and ignored.

To enable the plugins listed in the configuration file, invoke **mysql\_plugin** this way:

```
shell> mysql_plugin myplugins ENABLE
```

To disable the plugins, use **DISABLE** rather than **ENABLE**.

An error occurs if **mysql\_plugin** cannot find the configuration file or plugin library file, or if **mysql\_plugin** cannot start the MySQL server.

**mysql\_plugin** supports the following options, which can be specified on the command line or in the `[mysqld]` group of any option file. For options specified in a `[mysqld]` group, **mysql\_plugin** recognizes the **--basedir**, **--datadir**, and **--plugin-dir** options and ignores others. For information about option files used by MySQL programs, see Section 4.2.6, “Using Option Files”.

- **--help, -?**

Display a help message and exit.

- **--basedir=dir\_name, -b dir\_name**  
The server base directory.
- **--datadir=dir\_name, -d dir\_name**  
The server data directory.
- **--my-print-defaults=file\_name, -b file\_name**  
The path to the **my\_print\_defaults** program.
- **--mysqld=file\_name, -b file\_name**  
The path to the **mysqld** server.
- **--no-defaults, -p**  
Do not read values from the configuration file. This option enables an administrator to skip reading defaults from the configuration file.  
With **mysql\_plugin**, this option need not be given first on the command line, unlike most other MySQL programs that support **--no-defaults**.
- **--plugin-dir=dir\_name, -p dir\_name**  
The server plugin directory.
- **--plugin-ini=file\_name, -i file\_name**  
The **mysql\_plugin** configuration file. Relative path names are interpreted relative to the current directory. If this option is not given, the default is *plugin.ini* in the plugin directory, where *plugin* is the *plugin* argument on the command line.
- **--print-defaults, -P**  
Display the default values from the configuration file. This option causes **mysql\_plugin** to print the defaults for **--basedir**, **--datadir**, and **--plugin-dir** if they are found in the configuration file. If no value for a variable is found, nothing is shown.  
With **mysql\_plugin**, this option need not be given first on the command line, unlike most other MySQL programs that support **--print-defaults**.
- **--verbose, -v**  
Verbose mode. Print more information about what the program does. This option can be used multiple times to increase the amount of information.
- **--version, -V**  
Display version information and exit.

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## SEE ALSO

For more information, please refer to the MySQL Reference Manual, which may already be installed locally and which is also available online at <http://dev.mysql.com/doc/>.

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