

```
[client]
loose-local-infile=1
```

- In all cases, successful use of a [LOCAL](#) load operation by a client also requires that the server permits local loading.

If [LOCAL](#) capability is disabled, on either the server or client side, a client that attempts to issue a [LOAD DATA LOCAL](#) statement receives the following error message:

```
ERROR 3950 (42000): Loading local data is disabled; this must be
enabled on both the client and server side
```

Restricting Files Permitted for Local Data Loading

As of MySQL 8.0.21, the MySQL client library enables client applications to restrict local data loading operations to files located in a designated directory. Certain MySQL client programs take advantage of this capability.

Client programs that use the C API can control which files to permit for load data loading using the [MYSQL_OPT_LOCAL_INFILE](#) and [MYSQL_OPT_LOAD_DATA_LOCAL_DIR](#) options of the `mysql_options()` C API function (see [mysql_options\(\)](#)).

The effect of [MYSQL_OPT_LOAD_DATA_LOCAL_DIR](#) depends on whether [LOCAL](#) data loading is enabled or disabled:

- If [LOCAL](#) data loading is enabled, either by default in the MySQL client library or by explicitly enabling [MYSQL_OPT_LOCAL_INFILE](#), the [MYSQL_OPT_LOAD_DATA_LOCAL_DIR](#) option has no effect.
- If [LOCAL](#) data loading is disabled, either by default in the MySQL client library or by explicitly disabling [MYSQL_OPT_LOCAL_INFILE](#), the [MYSQL_OPT_LOAD_DATA_LOCAL_DIR](#) option can be used to designate a permitted directory for locally loaded files. In this case, [LOCAL](#) data loading is permitted but restricted to files located in the designated directory. Interpretation of the [MYSQL_OPT_LOAD_DATA_LOCAL_DIR](#) value is as follows:
 - If the value is the null pointer (the default), it names no directory, with the result that no files are permitted for [LOCAL](#) data loading.
 - If the value is a directory path name, [LOCAL](#) data loading is permitted but restricted to files located in the named directory. Comparison of the directory path name and the path name of files to be loaded is case-sensitive regardless of the case sensitivity of the underlying file system.

MySQL client programs use the preceding `mysql_options()` options as follows:

- The `mysql` client has a `--load-data-local-dir` option that takes a directory path or an empty string. `mysql` uses the option value to set the [MYSQL_OPT_LOAD_DATA_LOCAL_DIR](#) option (with an empty string setting the value to the null pointer). The effect of `--load-data-local-dir` depends on whether [LOCAL](#) data loading is enabled:
 - If [LOCAL](#) data loading is enabled, either by default in the MySQL client library or by specifying `--local-infile[=1]`, the `--load-data-local-dir` option is ignored.
 - If [LOCAL](#) data loading is disabled, either by default in the MySQL client library or by specifying `--local-infile=0`, the `--load-data-local-dir` option applies.

When `--load-data-local-dir` applies, the option value designates the directory in which local data files must be located. Comparison of the directory path name and the path name of files to be loaded is