


# MySQL Data Model

*for use with Invantive SQL*

24.0

invantive
the SQL company

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This manual is a reference guide intended to clarify usage. If data in the sample images match data in your system, the similarity is coincidental.

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# 1 Provider MySql: Oracle MySQL.

Oracle MySQL.

Code for use in settings.xml: MySql

Alias: mysql

Status: Production

Available in Editions: Paid

Additional Driver to install: https://support.invantive.com/download-driver-mysql

## Provider Attributes

The following provider attributes are available for MySql:

| Code | Description | Default Value | Set from Connection String | Set from Set SQL-Statement | Set from Providers File |
|---|---|---|---|---|---|
| command-timeout-sec | Number of seconds after which a command times out. | | ✓ | ✓ | ✓ |
| force-case-sensitive-identifiers | Consider identifiers as case-sensitive independent of the platform capabilities. | False | ✓ | ✓ | ✓ |
| forced-casing-identifiers | Forced casing of identifiers. Choose from Unset, Lower, Upper and Mixed. | | ✓ | ✓ | ✓ |
| invantive-sql-forward-filters-to-data-containers | Whether to forward filters to data containers. | True | ✓ | ✓ | ✓ |
| invantive-sql-shuffle-fetch-results-data-containers | Whether to shuffle results fetched from data containers. | False | ✓ | ✓ | ✓ |
| invantive-use-cache | Whether to cache the results of a query. | True | ✓ | ✓ | ✓ |
| maximum-length-identifiers | Non-default maximum length in characters of identifier names. | | ✓ | ✓ | ✓ |
| maximum-number-of-pooled-connections | Maximum number of concurrent pooled connections. | | ✓ | ✓ | ✓ |
| maximum-sleep-acquire-pooled-connection-ms | Maximum time in ms to wait for acquiring a free connection from a pool of connections. | 30000 | ✓ | ✓ | ✓ |
| maximum-sleep-acquire-unpooled-connection-ms | Maximum time in ms to wait for acquire a free connection when there is no connection pooling. | 60000 | ✓ | ✓ | ✓ |
| preferred-number-of-pooled-connections | Preferred number of concurrent pooled connections. | | ✓ | ✓ | ✓ |
| prefix-bind-variable-in-list | Prefix for bind variables used in an IN-list | i | ✓ | ✓ | ✓ |
| prefix-bind-variable-normal | Prefix for bind variables used in all cases except in an IN-list | w | ✓ | ✓ | ✓ |
| prefix-renamed-columns | Prefix appended to columns whose names occur multiple times in the column list of a query | column | ✓ | ✓ | ✓ |
| pre-request-delay-ms | Pre-request delay in milliseconds per request. | 0 | ✓ | ✓ | ✓ |
| requests-parallel-max | Maximum number of parallel data requests from individual partitions on the data container. | 32 | ✓ | ✓ | ✓ |

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| Code | Description | Default Value | Set from Connection String | Set from Set SQL-Statement | Set from Providers File |
|---|---|---|---|---|---|
| slot-based-rate-limit-length-ms | Length in ms of a slot-based rate limit. | 60000 | ✓ | | ✓ |
| slot-based-rate-limit-slots | Number of slots of a slot-based rate limit. Null means no slot-based rate limit | | ✓ | | ✓ |
| standardize-identifiers | Rewrite all identifiers to the preferred standards as configured by standardize-identifiers-casing and maximum-length-identifiers. | True | ✓ | ✓ | ✓ |
| standardize-identifiers-casing | Rewrite all identifiers to the recommended standard platform-specific casing when changing a data model on a case-dependent platform. | True | ✓ | ✓ | ✓ |
| trace-native-calls | Trace native calls to data container backend. | False | ✓ | ✓ | ✓ |

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