



# DataGrip

## Many databases, one tool

### Key Facts

DataGrip is an IDE for SQL tailored to suit the specific needs of professional database developers. Its functionality duplicates the official database plugins for IntelliJ IDEA, PhpStorm, PyCharm, and RubyMine.

As a multi-engine database environment, DataGrip supports MySQL, PostgreSQL, Microsoft SQL Server, Oracle, Sybase, DB2, SQLite, HyperSQL, Apache Derby, and H2. If a DBMS has a JDBC driver, you can connect to it via DataGrip. For all supported engines it provides database introspection and various instruments for creating and modifying objects.

### Key Benefits

Built on top of IntelliJ Platform, DataGrip includes many intelligent features to boost your productivity. Write SQL and manage your databases smarter and faster than ever before, by relying on JetBrains' expertise in database navigation, intelligent code completion, database refactorings, and on-the-fly code analysis with quick-fix suggestions.

### Key Features

#### Database objects

- The IDE introspects objects in your databases and displays them grouped in folders by schemas.
- A UI with SQL generation helps you add and edit tables, columns, indexes, constraints, and more.
- Quick navigation brings you to any object, whether it has just been created in your code or read from a database.

#### Data editor

- Powerful data editor to add, remove, edit, and clone data rows.
- Provides navigation through the data by foreign keys.
- Text search to find anything in the data displayed in the table editor.
- All your changes are stored locally and can be submitted at once.
- Several fields can be edited at the same time.

#### Query editor

- Context-sensitive, schema-aware code completion helps you write code faster. Completion is aware of table structure, foreign keys, and even database objects created in the code you're editing.
- The IDE detects probable bugs in your SQL code and suggests the best options to fix them on the spot. It will immediately let you know about unresolved objects and the use of keywords as identifiers, and will offer ways to fix such issues.
- Multi-cursors help you manage code selections.
- The formatter cleans your code according to the selected style.

### Other features

- DataGrip is multi-platform and runs on Windows, Mac OS X and Linux.
- Importing CSV files is easy and configurable.
- An entity relationship diagram can be built from any schema or database.
- User parameter support makes it easy to work with parameterized queries.

### System Requirements

- OS X 10.8 or higher
- Microsoft Windows 7, 8 or 10 (incl. 64-bit)
- GNOME or KDE desktop for Linux
- 1 GB free RAM minimum, 2 GB RAM recommended

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