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DSN Syntax

To define the DSN, you need to specify:

- **Database Type** If you are using MySQL, the database type is *mysql*. If you are using Postgresql, the database type is "pgsql".
- **User** Supply the name of the user that is qualified to access the database server.
- **Password** Supply the password for the qualified user.
- **Database name** Supply the name of the database that contains the desired data.

Here's the syntax:

DSN format: database-type://user:password@host/database-name

Tutorial

In this example we are creating a DSN for the database *tiki* in host *localhost* using the user *root* and the password *seldon*. The DSN will be named *cosa* (as in "Cosa Nostra").

Here's how the DSN looks:

```
mysql://root:seldon@localhost/tiki
```

When a DSN is created with name *foo* the permission `tiki_p_dsn_foo` is automatically created. Only users with that permission can use the DSN to create a query or view the results of a query using that DSN. For more information on the permissions aspect of the SQL plugin, see [PluginSQL](#).

For more information

See [PluginSQL](#) to learn how to insert SQL queries in Wiki pages.