

HOW TO TAKE ADVANTAGE OF MARIADB CONNECTOR FOR PYTHON

DESCRIPTION

This developer guide provides an introduction to the [MariaDB Python connector](#) and demonstrates solution integrations.

Python is one of the most popular programming languages among developers across a variety of technical areas. Whether you're a DevOps engineer creating automation scripts, an application developer constructing a back-end API project, or even a data scientist analyzing massive datasets, Python is a well-established, robust and powerful tool to get the job done.

MariaDB recently decided to create and maintain their Python connector. The motivation behind creating the connector was to:

- Provide a fully supported MariaDB client, including
 - 100% feature compatibility
 - Up-to-date feature development alignment
- Enable superior performance through a client written in C, wrapped with Python

GETTING STARTED

The code for the application lives in a GitHub repository called "dev-example-connector-python."

<https://github.com/mariadb-corporation/dev-example-connector-python>

To take advantage of the samples included within the repository, you'll need to make sure you follow the steps for [downloading and installing the connector](#).

From there, you'll have access to [two sample solutions](#) that demonstrate the capabilities of the MariaDB Python connector.

1. [Using the MariaDB connector within a Python application](#) to expose an API by utilizing a popular web framework called Flask.
2. [Using the MariaDB connector within a third-party notebook application](#) called JupyterLab.

KEY MARIADB RESOURCES

[MariaDB SkySQL](#)

[MariaDB Enterprise Server 10.5](#)

[MariaDB transactional storage](#)

[MariaDB Python connector](#)