ADBC driver management with dbc : : CHEATSHEET

Introduction

dbc is a command-line tool for installing and managing ADBC drivers.

ADBC (Arrow Database Connectivity) is a modern data connectivity standard built to accelerate and simplify data access for analytics applications.

Installing dbc

dbc provides a standalone installer to download and install dbc.

macOS and Linux:

```
$ curl -LsSf https://dbc.columnar.tech/install.sh | sh
```

Windows:

```
$ powershell -ExecutionPolicy ByPass -c "irm https://dbc.columnar.tech/install.ps1 | iex"
```

dbc is also published on PyPI and can be installed with Python package managers.

pip:

```
$ pip install dbc
```

uv:

```
$ uv tool install dbc
```

Driver discovery

List all available drivers:

```
$ dbc search
```

List all available drivers (verbose):

```
$ dbc search -v
```

Get information about a driver:

```
$ dbc info <driver>
```

Driver management

dbc makes it easy to install the right driver for your system architecture and operating system, in the right location.

Install a driver:

```
$ dbc install <driver>
```

Install a driver at a specified level:

```
$ dbc install -l <level> <driver>
```

Uninstall a driver:

```
$ dbc uninstall <driver>
```

Uninstall a driver at a specified level:

```
$ dbc uninstall -l <level> <driver>
```

Driver lists

Driver lists are `dbc.toml` files managed by dbc. They are ideal for checking into version control alongside your project.

Create a new driver list:

```
$ dbc init
```

Add a driver to the driver list:

```
$ dbc add <driver>
```

Remove a driver from the driver list:

```
$ dbc remove <driver>
```

Install drivers from the driver list:

```
$ dbc sync
```

Install drivers from the driver list at a level:

```
$ dbc sync -l <level>
```

Level configuration

The `--level` (or `-l`) argument can be set to specify the installation level for drivers.

When this argument is not explicitly set, dbc first searches a list of environment variables, before defaulting to the user level for driver installation.