

HOW TO USE HYBRID DATA MODELS

JSON + Relational

DESCRIPTION

This developer guide demonstrates how to convert relational into JSON, and how to merge relational with JSON – all via SQL.

Places is a web application written in [React.js](#) and [Node.js](#) that, backed by the power of the [MariaDB Node.js Connector](#) and [MariaDB Platform](#), allows you to record all of your favorite locations.

The application is supported by a single table, dubbed “locations,” that contains a combination of structured (relational) and semi-structured (JSON) data. The JSON data, contained within a single column called *attr*, enables you to take advantage of a plethora of MariaDB JSON functions to create the optimum flexibility within the application.

GETTING STARTED

The code for the application lives in a GitHub repository called “dev-example-places.”

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

The (web) application consists of two parts:

- Client
 - communicates with the API
 - is a React.js project located [here](#)
- API
 - uses the MariaDB Node.js Connector to connect to and communicate with MariaDB
 - is a Node.js project located [here](#)

To get started using the application with MariaDB SkySQL (the ultimate MariaDB cloud), please check out the instructions [here](#).

KEY MARIADB FEATURES

[MariaDB SkySQL](#)

[MariaDB Enterprise Server 10.4](#)

[MariaDB transactional storage](#)

[MariaDB JSON functions](#)

[MariaDB Node.js Connector](#)