CLOUD DAY 2020

29 OTTOBRE • #CLOUDDAY2020

SERVERLESS SCALABLE BACK-END API WITH HYBRID DATA MODELS

Davide Mauri
@mauridb

Davide Mauri

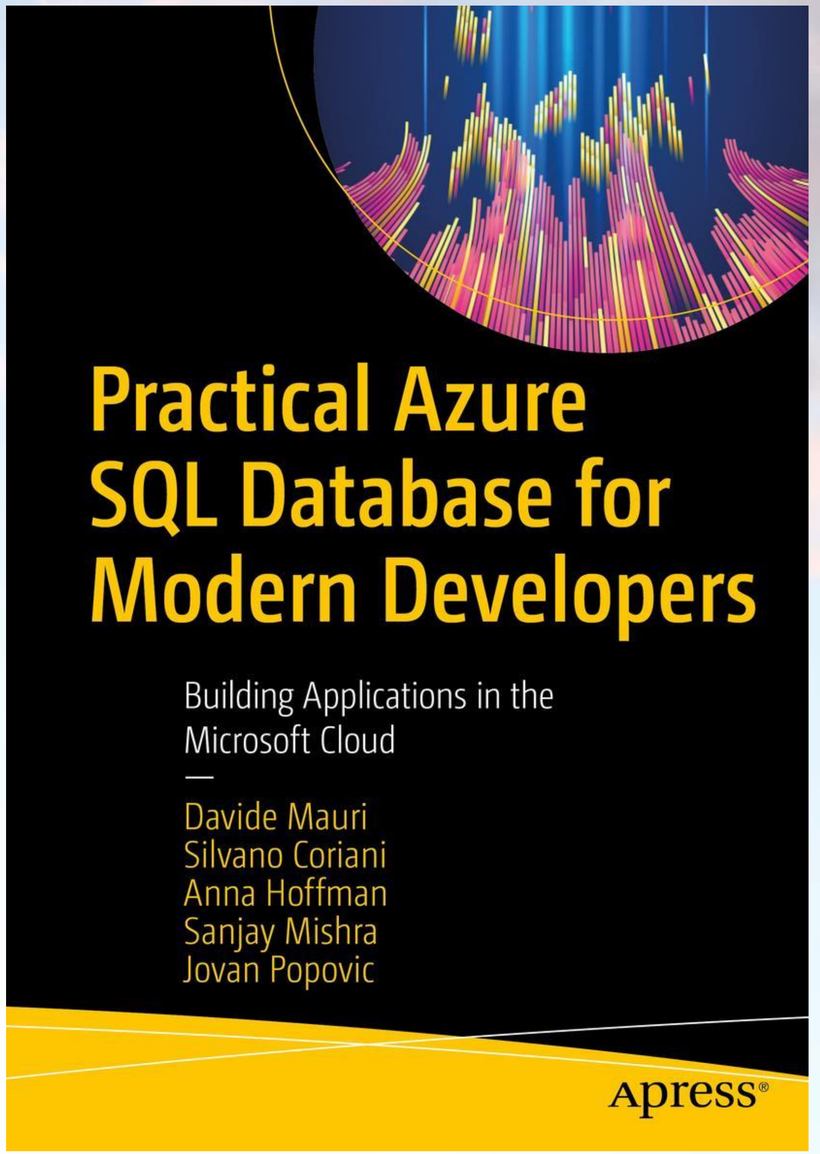
Microsoft Data Platform for 12 years

Azure SQL PM

- Focus on Azure SQL Hyperscale & Developers

http://davidemauri.it

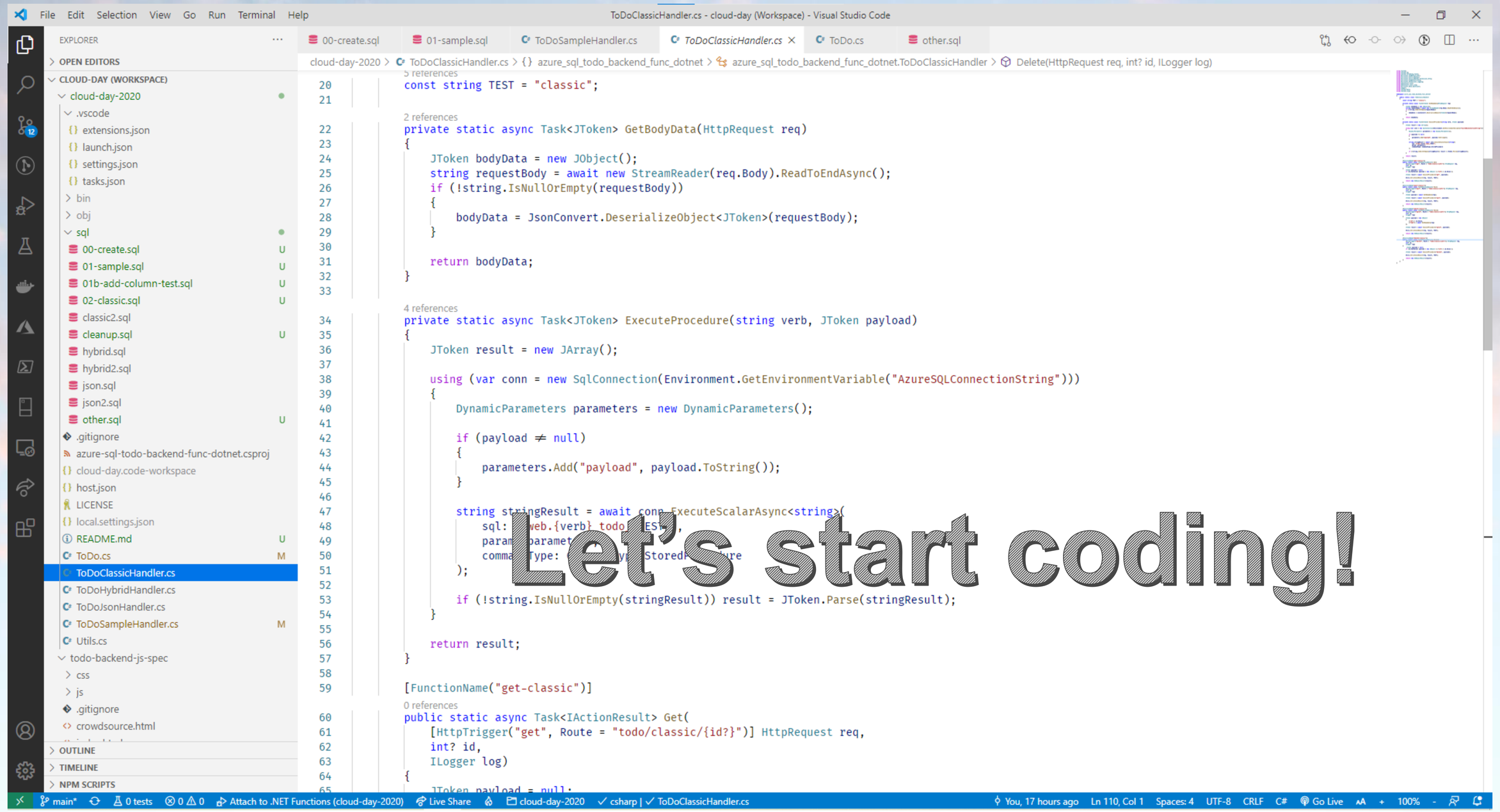
https://aka.ms/azure-sql-db-dev-samples



Agenda

Implement TodoMVC Backend API with Azure Functions

- Allow extensibility with the minimum amount of code
- GET with Dapper, PUT/POST challenges, JSON as transport
- JSON as batching technique
- Hybrid Data Models: Fully Relational, Some JSON, More JSON


Let's start coding!

JSON in your Azure SQL Database? Let's benchmark some options!

Silvano

June 10th, 2020

Introduction

Storing and retrieving data from JSON fragments is a common need in many application scenarios, like IoT solutions or microservice-based architectures. You can persist these fragments can be in a variety of data stores, from blob or file shares, to relational and non-relational databases, and there's a long standing debate in the industry on what's the database technology that fits "better" for this task.

Azure SQL Database offers several options for parsing, transforming and querying JSON data, and this article doesn't pretend to provide a definitive answer to that debate, but rather to explore these options for common scenarios like data loading and retrieving, and benchmarking results to provide a clear indication of how Azure SQL Database will perform manipulating JSON data.

https://devblogs.microsoft.com/azure-sql/json-in-your-azure-sql-database-lets-benchmark-some-options/

Kudos

Microsoft

managed/designs

GDG Cloud Milano