

Entity Framework Core Performance Tuning A Worked

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Entity Framework Core Performance Tuning

This is the first in a series of articles on performance tuning EF Core. In this article I take an example book selling site that I have built for my book and see how fast I can get it to perform. I have got some really excellent performance out of Entity Framework Core (EF Core) and I wanted to share it with you all.. Entity Framework Core performance tuning - a worked example (this article).

Entity Framework Core performance tuning - a worked ...

But in EF Core version 2.1, adding the .ToList() turns the load of all the TagNames into one final database query. This is OK, but can still have problems - see my article "Entity Framework Core performance tuning - a worked example" to see an even better way to handle comma separated strings. 2b.

Building high performance database queries using Entity ...

Entity Framework Core (EF Core) is a lightweight and extensible version of Microsoft's popular ORM Entity Framework. EF Core runs on top of the .NET Core runtime and is an open source, lightweight, cross platform Object Relational Mapping (ORM) that can be used to model your entities much the same way you do with Entity Framework.

Entity Framework Core Raw SQL Queries Examples

Entity Framework Core is the .NET Core version of Microsoft's flagship product that was first released in 2008. In the beginning, it was part of .NET 3.5 SP1 and as such it was licensed to be used for free, but no source code was available.

Entity Framework vs NHibernate: Understand the ...

So, EF Core enables multiple processes or users to make changes to the same piece of data independently without the overhead of synchronization. Detecting conflicts using concurrency tokens. To enable optimistic concurrency in Entity Framework Core, you can take advantage of the ConcurrencyCheck attribute.

How to handle concurrency in Entity Framework Core

Microsoft introduced Entity Framework in 2008 with .NET Framework 3.5. Since then, it released many versions of Entity Framework. Currently, there are two latest versions of Entity Framework: EF 6 and EF Core. Follow along to refresh your knowledge around 35 most common Entity Framework interview Questions and Answers every .NET developer may face on their tech interview.

35 Entity Framework Interview Questions (ANSWERED + .NET ...

Oracle Data Provider for .NET (ODP.NET) Entity Framework (EF) Core is a database provider that allows Entity Framework Core to be used with Oracle databases. Entity Framework Core is a cross-platform Microsoft object-relational mapper that enables .NET developers to work with relational databases using .NET objects.

Oracle Data Provider for .NET Entity Framework Core

One of the most frequent complaints that I hear when presenting to DBAs about Entity Framework is that it's "slow" and that "developers should be endlessly tortured for using it". Ok, the second part I just made up but the sentiment exists. DBAs just don't like developers using Entity Framework and with good reason. Entity Framework can make...

How to Select Specific Columns in an Entity Framework ...

Server apps can be deployed cross-platform to Docker containers. .NET Framework can be used for containers, but the image size is larger. If you have high performance and scalable system needs. Microsoft recommends running .NET Core with ASP.NET Core for the best performance and scale.

.NET Core vs .NET Framework: How to Pick a .NET Runtime ...

Do use no-tracking queries in Entity Framework Core when accessing data for read-only purposes. EF Core can return the results of no-tracking queries more efficiently. Do filter and aggregate LINQ queries (with .Where, .Select, or .Sum statements, for example) so that the filtering is performed by the database.

ASP.NET Core Performance Best Practices | Microsoft Docs

Update (2017/06/12): Added BenchmarkDotNet blog post link. There are many exciting aspects to .NET Core (open source, cross platform, x-copy deployable, etc.) that have been covered in posts on this blog before. To me, though, one of the most exciting aspects of .NET Core is performance.

Performance Improvements in .NET Core - .NET Blog

If this sounds familiar, that may be because we previously wrote about a different Python framework that can help us with entity extraction: Scikit-learn. Though Scikit-learn is more a collection of machine learning tools, rather than an NLP framework. spaCy is closer, in terms of functionality, to OpenNLP .

Entity Extraction with spaCy - Sematext

At Skillsort, our mission is to help U.S. Federal Government agencies create a future-fit workforce, skilled in compliance to cloud migration, data strategy, leadership development, and DEI. As your strategic needs evolve we commit to providing the content and support that will keep your workforce skilled in the roles of tomorrow.

United States Federal Government - Skillsort

The .NET Framework 4.5 and Windows 8 introduce features that can help you achieve a significant performance boost for web-server workloads. This includes a reduction (up to 35%) in both startup time and in the memory footprint of web hosting sites that use ASP.NET.

What's New in ASP.NET 4.5 and Visual Studio 2012 ...

spaCy's tagger, parser, text categorizer and many other components are powered by statistical models.Every "decision" these components make - for example, which part-of-speech tag to assign, or whether a word is a named entity - is a prediction based on the model's current weight values.The weight values are estimated based on examples the model has seen during training.

Training Pipelines & Models - spaCy Usage Documentation

The first is Performance Isa .NET Core ... The API endpoints that are consumedor the database connection used by Entity Framework Core 2.0 would be examples of ports while the internal data ...

Advanced Architecture for ASP.NET Core Web API

Another area for performance improvement that was highlighted by the survey was the need to pre-compile the models described by a DbContext. This goes all the way back to the very first version of Entity Framework; there were some mechanisms for this over the years in EF but not in EF Core. And "startup" is not exactly the correct word.

EF Core 6: Fulfilling the Bucket List

Brotli compression is available for .NET Standard 1.4, so either a .NET Framework or a .NET Core application will work. Register our MyGet feed with the preview builds. Please note that you shouldn't register this feed globally as it might result in bringing in preview packages into your production projects.

Introducing Support for Brotli Compression - .NET Blog

We would like to show you a description here but the site won't allow us.

Oracle | Integrated Cloud Applications and Platform Services

The tooling story changed dramatically with .NET Core, because of its serious emphasis on the command line. This is a great fit for .NET Core's cross-platform, tooling-agnostic image.

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