

Day 33/60 - IEnumerable vs IQueryable in C#

Choosing between IEnumerable and IQueryable can impact performance, especially when dealing with databases.

IEnumerable (In-memory processing)

- Executes the query in memory
- Works well with LINQ to Objects
- Suitable for small datasets

IQueryable (Deferred execution on DB)

- Executes the query on the database
- Optimized for large datasets
- Supports filtering at the database level

Use IEnumerable for in-memory collections

Use IQueryable for database queries to reduce load

#dotnet #csharp #linq #performance