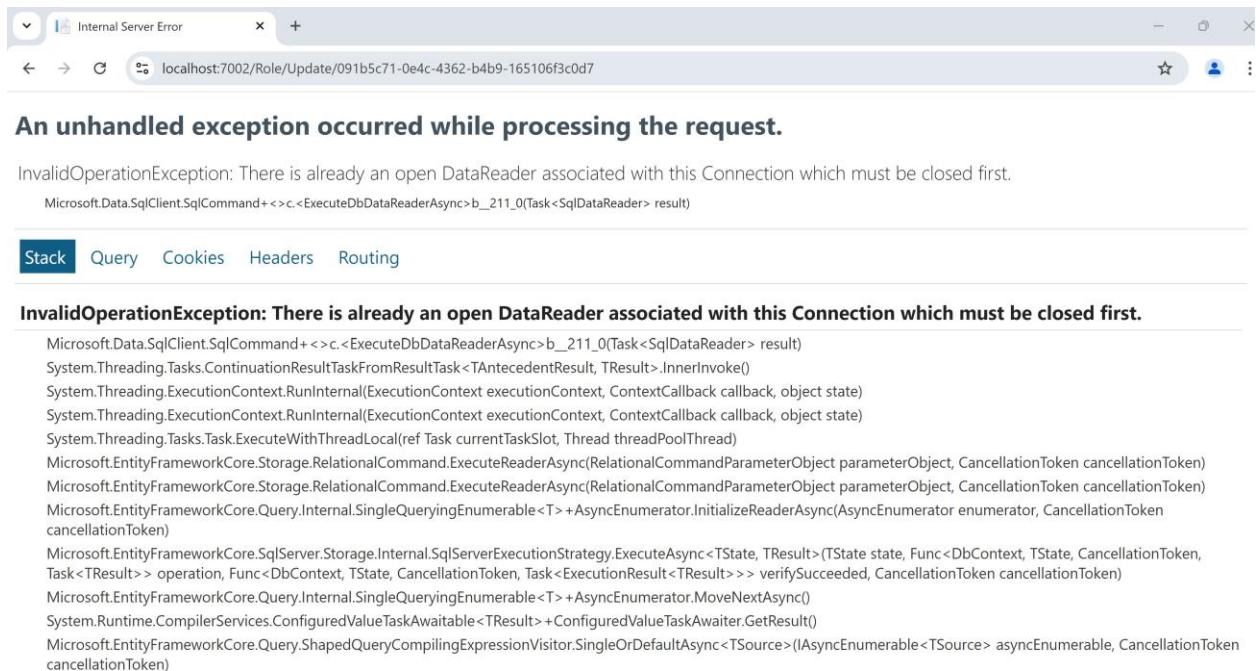


MultipleActiveResultSets=true

Multiple Active Result Sets (MARS) is a feature that works with SQL Server to allow the execution of multiple batches on a single connection. When MARS is enabled for use with SQL Server, each command object used adds a session to the connection.

The MARS feature is disabled by default. It can be enabled by adding the "MultipleActiveResultSets=True" keyword pair to your connection string. "True" is the only valid value for enabling MARS. The following example demonstrates how to connect to an instance of SQL Server and how to specify that MARS should be enabled.

You can disable MARS by adding the "MultipleActiveResultSets=False" keyword pair to your connection string. "False" is the only valid value for disabling MARS.



Internal Server Error

localhost:7002/Role/Update/091b5c71-0e4c-4362-b4b9-165106f3c0d7

An unhandled exception occurred while processing the request.

InvalidOperationException: There is already an open DataReader associated with this Connection which must be closed first.

Microsoft.Data.SqlClient.SqlCommand+<>c.<ExecuteDbDataReaderAsync>b__211_0(Task<SqlDataReader> result)

[Stack](#) [Query](#) [Cookies](#) [Headers](#) [Routing](#)

InvalidOperationException: There is already an open DataReader associated with this Connection which must be closed first.

```
Microsoft.Data.SqlClient.SqlCommand+<>c.<ExecuteDbDataReaderAsync>b__211_0(Task<SqlDataReader> result)
System.Threading.Tasks.ContinuationResultTaskFromResultTask<TAntecedentResult, TResult>.InnerInvoke()
System.Threading.ExecutionContext.RunInternal(ExecutionContext executionContext, ContextCallback callback, object state)
System.Threading.ExecutionContext.RunInternal(ExecutionContext executionContext, ContextCallback callback, object state)
System.Threading.Tasks.Task.ExecuteWithThreadLocal(ref Task currentTaskSlot, Thread threadPoolThread)
Microsoft.EntityFrameworkCore.Storage.RelationalCommand.ExecuteReaderAsync(RelationalCommandParameterObject parameterObject, CancellationToken cancellationToken)
Microsoft.EntityFrameworkCore.Storage.RelationalCommand.ExecuteReaderAsync(RelationalCommandParameterObject parameterObject, CancellationToken cancellationToken)
Microsoft.EntityFrameworkCore.Query.Internal.SingleQueryingEnumerable<T>+AsyncEnumerator.InitializeReaderAsync(AsyncEnumerator enumerator, CancellationToken cancellationToken)
Microsoft.EntityFrameworkCore.SqlServer.Storage.Internal.SqlServerExecutionStrategy.ExecuteAsync<TState, TResult>(TState state, Func<DbContext, TState, CancellationToken, Task<TResult>> operation, Func<DbContext, TState, CancellationToken, Task<ExecutionResult<TResult>>> verifySucceeded, CancellationToken cancellationToken)
Microsoft.EntityFrameworkCore.Query.Internal.SingleQueryingEnumerable<T>+AsyncEnumerator.MoveNextAsync()
System.Runtime.CompilerServices.ConfiguredValueTaskAwaitable<TResult>+ConfiguredValueTaskAwaiter.GetResult()
Microsoft.EntityFrameworkCore.Query.ShapedQueryCompilingExpressionVisitor.SingleOrDefaultAsync<TSource>(IAsyncEnumerable<TSource> asyncEnumerable, CancellationToken cancellationToken)
```

You are using the same connection for the `DataReader` and the `ExecuteNonQuery`. This is not supported, [according to MSDN](#):

Note that while a `DataReader` is open, the `Connection` is in use exclusively by that `DataReader`. You cannot execute any commands for the `Connection`, including creating another `DataReader`, until the original `DataReader` is closed.

Add `MultipleActiveResultSets=true` to the provider part of your connection string example in the file `appsettings.json`

```
Database=YourDatabasename;Trusted_Connection=true;MultipleActiveResultSets=true"}
```

```
{
  "ConnectionStrings": {
    "HungConnectionString": "Data Source=VUONGSYDUNG\\DUNG;Initial
Catalog=CUSTOMIDENTITY;User Id=sa;Password=hikarivn;Integrated Security=True;Connect
Timeout=30;Encrypt=False;Trust Server Certificate=False;Application
Intent=ReadWrite;Multi Subnet Failover=False;MultipleActiveResultSets=true"
  },
  "Logging": {
    "LogLevel": {
      "Default": "Information",
      "Microsoft.AspNetCore": "Warning"
    }
  }
}
```