

Working with SQL Server and the Entity Framework Core



Scott Allen

@OdeToCode - <http://OdeToCode.com>



Summary

A screenshot of the Microsoft Visual Studio IDE. The title bar reads "OdeToFood - Microsoft Visual Studio". The menu bar includes FILE, EDIT, VIEW, PROJECT, BUILD, DEBUG, TEAM, TOOLS, TEST, LOAD TEST, R TOOLS, ANALYZE, WINDOW, and HELP. The toolbar shows icons for running, debugging, and other development tasks. The Solution Explorer on the left shows a project named "OdeToFood" with a folder "OdeToFood.Data" containing a file "SqlRestaurantData.cs". The main editor window displays the code in "SqlRestaurantData.cs". The code includes a return statement, a method "GetRestaurantsByName", and a method "Update". The status bar at the bottom shows "Ready", "Ln 15", "Col 10", "Ch 10", "INS", and a progress indicator. The bottom right corner of the slide features a grey circle with a white play button icon.

```
40         return db.Restaurants.Find(id);
41     }
42
43     public IEnumerable<Restaurant> GetRestaurantsByName(string name)
44     {
45         var query = from r in db.Restaurants
46                     where r.Name.StartsWith(name) || string.IsNullOrEmpty(name)
47                     orderby r.Name
48                     select r;
49         return query;
50     }
51
52     public Restaurant Update(Restaurant updatedRestaurant)
53     {
54         var entity = db.Restaurants.Attach(updatedRestaurant);
55         entity.State = EntityState.Modified;
56         return updatedRestaurant;
57     }
58 }
59
60
```