

Building Applications with ASP.NET MVC

Data part 1 of 2

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Data (Part I)

Entity
Framework

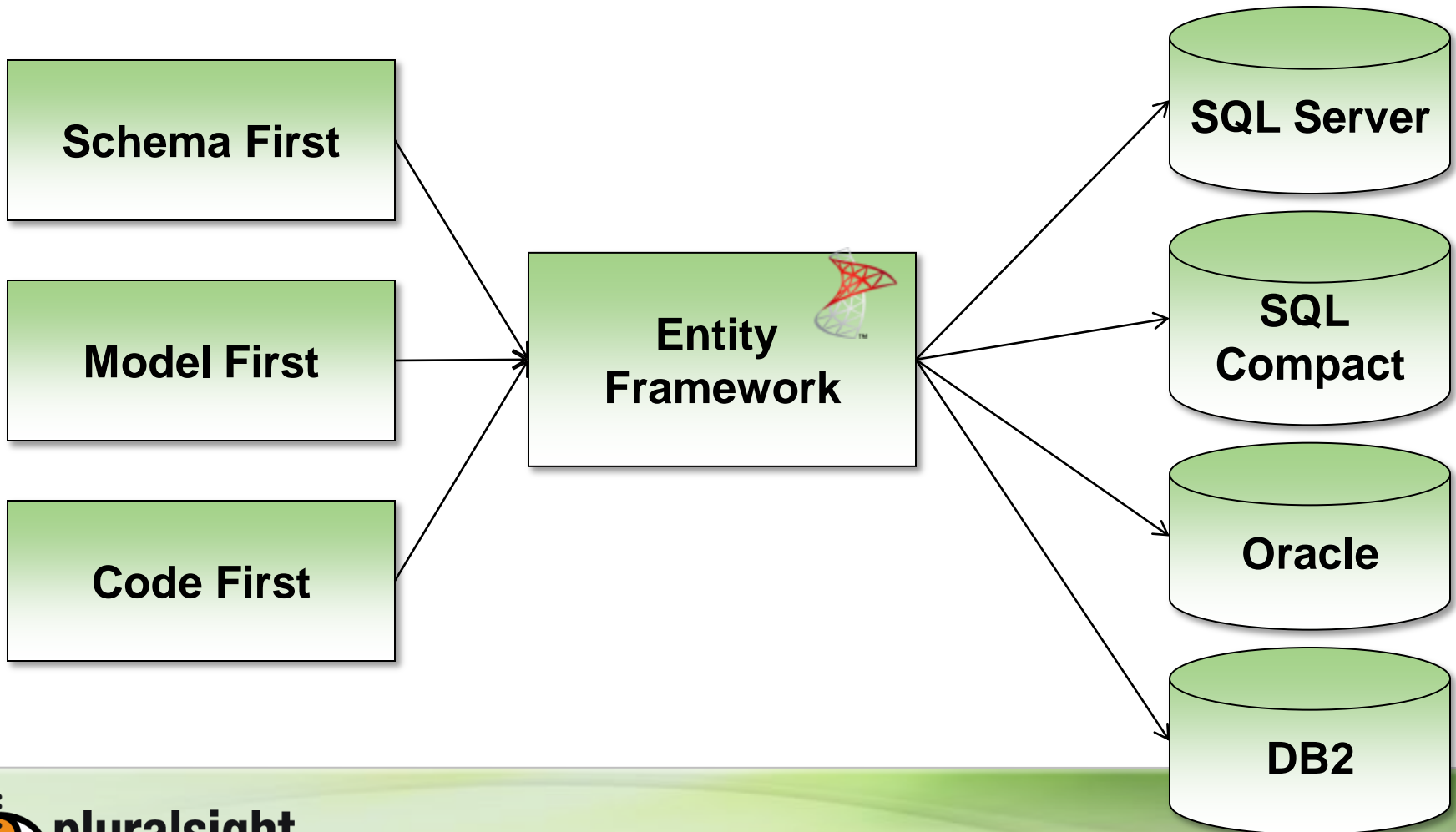


```
public class Restaurant
{
    public int ID { get; set; }
    public string Name { get; set; }
    public Address Address { get; set; }
}
```



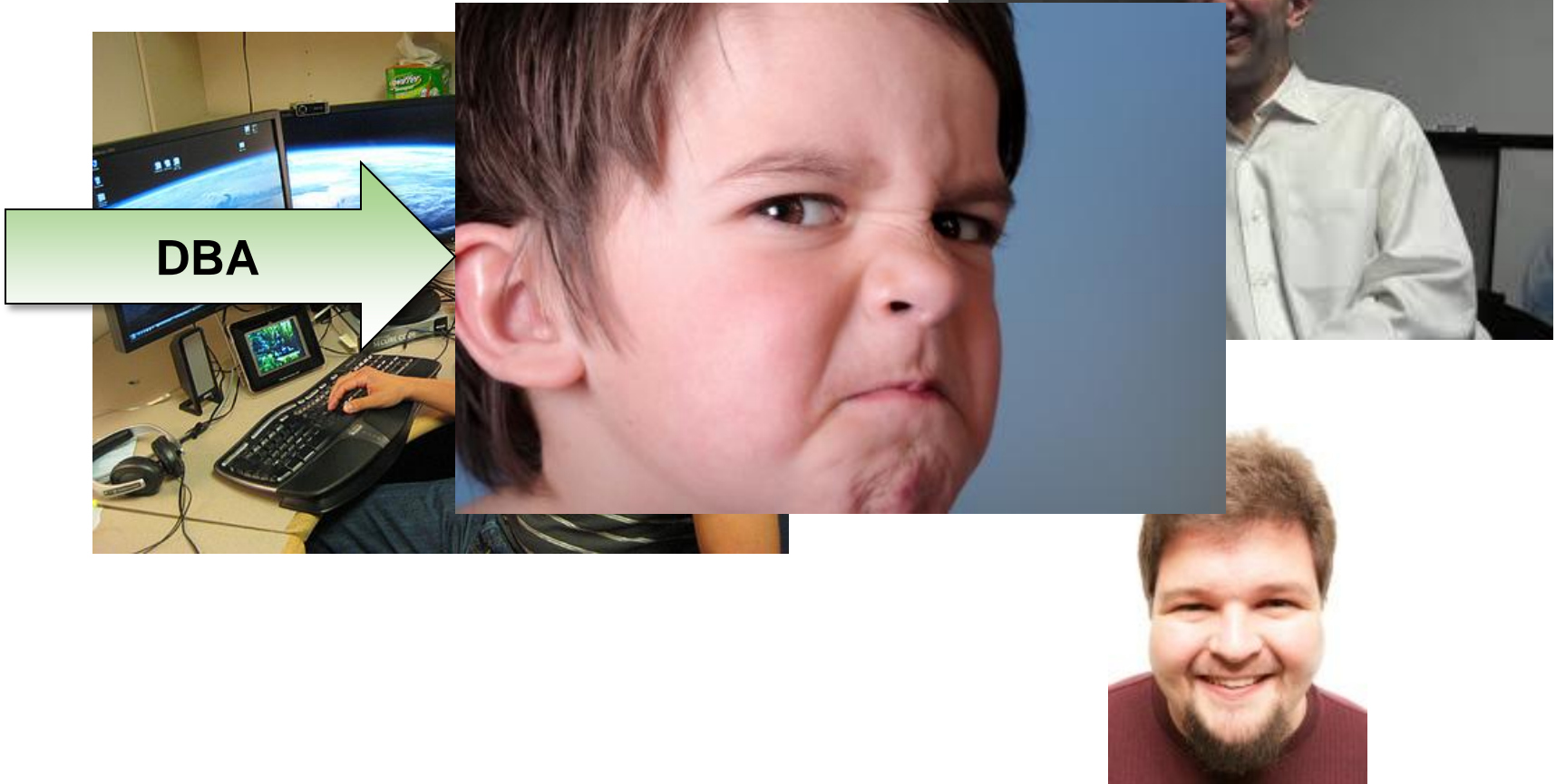
The ADO.NET Entity Framework

Access a relational data base with strongly-typed LINQ queries



Code First

- Developer friendly



LINQ

Comprehension Query Syntax

```
var query = from r in _db.Restaurants
             where r.Address.State == "MD"
             orderby r.Name
             select r;
```

Extension Method Syntax

```
var query = _db.Restaurants
             .Where(r => r.Address.State == "MD")
             .OrderBy(r => r.Name)
             .Skip(10)
             .Take(10);
```

Summary

Entity
Framework



```
public class Restaurant
{
    public int ID { get; set; }
    public string Name { get; set; }
    public Address Address { get; set; }
}
```

