

第20期-查询类型映射

2019年5月17日 15:59

EF Core 除了实体类型映射之外，还支持查询类型映射，用于将读取的数据映射到指定类型的对象。

You can view this article's [sample](#) on GitHub.

```
public class Blog
{
    public int BlogId { get; set; }
    public string Name { get; set; }
    public string Url { get; set; }
    public ICollection<Post> Posts { get; set; }
}

public class Post
{
    public int PostId { get; set; }
    public string Title { get; set; }
    public string Content { get; set; }
    public int BlogId { get; set; }
}

db.Database.ExecuteSqlCommand(
    @"CREATE VIEW View_BlogPostCounts AS
SELECT b.Name, Count(p.PostId) as PostCount
FROM Blogs b
JOIN Posts p on p.BlogId = b.BlogId
GROUP BY b.Name");

public class BlogPostsCount
{
    public string BlogName { get; set; }
    public int PostCount { get; set; }
}

public DbQuery<BlogPostsCount> BlogPostCounts { get; set; }

protected override void OnModelCreating(ModelBuilder modelBuilder)
{
    modelBuilder
        .Query<BlogPostsCount>().ToView("View_BlogPostCounts")
        .Property(v => v.BlogName).HasColumnName("Name");
}

var postCounts = db.BlogPostCounts.ToList();
```

```
foreach (var postCount in postCounts)
{
    Console.WriteLine($"{postCount.BlogName} has {postCount.PostCount}
posts.");
    Console.WriteLine();
}
```