



Test-Driving Your Database

Adventures in relational agility

@alastairs #tddatabases



WHY BOTHER?

<https://www.flickr.com/photos/shindotv/3835365695/>



PERFECT IS A VERB

<https://www.flickr.com/photos/pmillera4/9380481028/>

The background of the slide features two LEGO minifigures. On the left is a female minifigure with long brown hair and round glasses, wearing a black top. On the right is a male minifigure with spiky grey hair and a black mask, wearing a white lab coat and holding a clear flask. The entire scene is overlaid with a semi-transparent pinkish-red filter.

Show me teh codez!!!11

GETTING STARTED

<https://www.flickr.com/photos/reiterlied/15668379793/>



RECOMMENDATIONS





Show me teh codez!!!11

SPROCS, CONSTRAINTS

<https://www.flickr.com/photos/reiterlied/15668379793/>

[Fact]

```
public void Placing_An_Order_Adds_The_Order_To_The_Customers_Account()
{
    // Arrange
    var customer = new Customer(
        1, // Id
        "Jo", "Bloggs", // Name
        "10 City Road", "Staines",
        "Middlesex", "AB1 2CD" // Address
    );
    var order = new Order(1, customer);

    // Act, Assert: not interesting for this example
}
```

[Fact]

```
public void Placing_An_Order_Adds_The_Order_To_The_Customers_Account()
{
    // Arrange
    var customer = ACustomer()
        .WithGivenName("Jo")
        .WithFamilyName("Bloggs")
        .Build();

    var order = new Order(1, customer);

    // Act, Assert: not interesting for this example
}
```




Show me teh codez!!!11

SQL TEST DATA BUILDERS

<https://www.flickr.com/photos/reiterlied/15668379793/>



SQL COP

<https://www.flickr.com/photos/perspective/19943418/>



WHAT ABOUT CI?

<https://www.flickr.com/photos/pennstatelive/6859199341/>

A photograph of a large crowd of young people, likely at a political event or rally. The image has a strong pinkish-red color cast. In the foreground, a person's arm is raised high, showing a ring on the ring finger and several beaded bracelets. The background is filled with other people, some with their hands raised, suggesting a moment of collective action or voting. The overall atmosphere is one of youth and civic engagement.

QUESTIONS?

https://www.flickr.com/photos/uk_parliament/6546233741/