

Mocking Dependencies with Moq



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Module Outline



Moq basics

Use Moq in the unit tests



What Is Moq?

**A mocking library
available via
NuGet**

Strong typed

**Simple and
minimalistic**



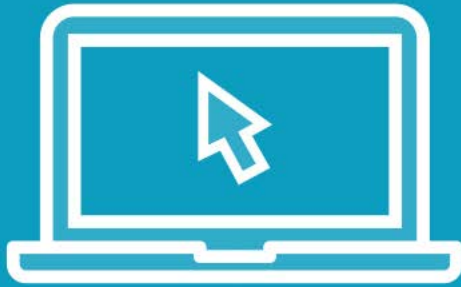
What Is Moq?

```
public interface IDataProvider
{
    string LoadString();
}
```

```
var dpMock = new Mock<IDataProvider>();
dpMock.Setup(x => x.LoadString()).Returns("Hello");
IDataProvider dp = dpMock.Object;
var resultWillBeHello = dp.LoadString();
```



Demo



Use Moq in the
NavigationViewModel-tests

Use Moq in the
MainViewModel-tests



Summary



Moq allows dynamic creation of Mocks

**On a Mock you can setup methods,
verify method calls and much more**

