

FluentAssertion With Selenium

Notes: This tests project doesn't focus on building a framework for Selenium, but uses selenium library with Fluent Assertion library to demonstrate uses for Assertion.

Packages	Version
Target Framework	netcoreapp2.2
FluentAssertions	5.10.3
nunit	3.12.0
NUnit3TestAdapter	3.17.0
Selenium.Support	3.14.0
Selenium.WebDriver	3.14.0
WebDriverManager	2.11.0

Before running this project I would check for the .Net SDK installed on my machine then either right click on the project name in **Visual Studio Solution Explorer** --> **Properties** --> **Application** and change the Target framework. Or you can follow the instruction on the following link [How to target Multiple Framework](#) to change at **.csproj** file.

 Target Framework

Text Evaluation

```
string message = "Welcome user John Smith";
```

Start With

Evaluates string starts with specific character(s) from the above example if we want to check if the message has the word **Welcome**.

```
message.Should().StartWith("Welcome");
```

End With

Evaluates string ends with specific character(s) from the above example if we want to check if the message has **John Smith**.

```
message.Should().EndWith("John Smith");
```

Contains

Evaluates that string contains a series of character(s) from above example if we want to check if the word **user** exist.

```
message.Should().Contain("user");
```

Assertion Scope

Starts an unnamed scope within which multiple assertions can be executed and which will not throw until the scope is disposed.

```
using (new AssertionScope())
{
    message.Should().StartWith("Welcome")
        .And.EndsWith("John Smith")
        .And.Contain("user");
}
```

[Fluent Assertion Official Documentation](#)