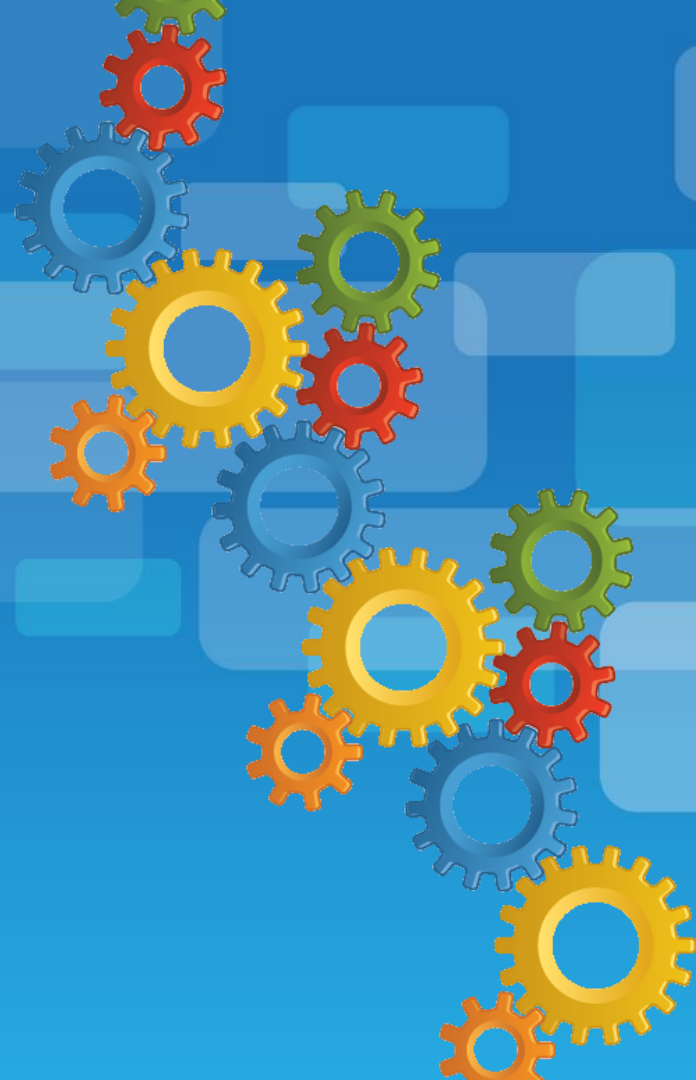


# Reports

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# Approaches

- CodedUI reports
- NUnit reports
- NUnit + SpecFlow (BDD) reports
- Visual Studio reports (ITestLogger – Custom reports with VS)
- Allure
- **ExtentReports**
- Custom Reports

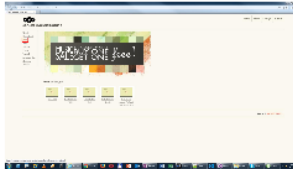
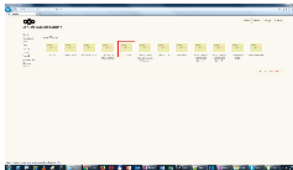
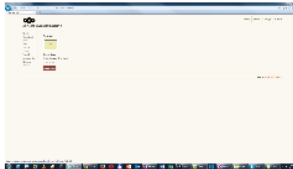
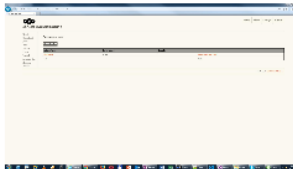


# CodedUI reports

## Requirements:

- CodedUI Test Project
- `Playback.PlaybackSettings.LoggerOverrideState = HtmlLoggerState.AllActionSnapshot;`  
`[Disabled, AllActionSnapshot, DefaultTraceLevel, ErrorAndWarningOnlySnapshot]` by default it is set to Disabled.



❌ Product_Listed_In_The_Cart	0:36.171
✅ Click 'Jazz' link	0:01.514
Technology Name: 'Web' Search Properties - ControlType: 'Hyperlink' TagName: 'A' InnerText: 'Jazz' Mouse button: 'Left'	
✅ Click 'Outbreak' link	0:01.534
Technology Name: 'Web' Search Properties - ControlType: 'Hyperlink' TagName: 'A' InnerText: 'Outbreak' Mouse button: 'Left'	
✅ Click 'Add to cart' link	0:01.428
Technology Name: 'Web' Search Properties - ControlType: 'Hyperlink' TagName: 'A' InnerText: 'Add to cart' Mouse button: 'Left'	
❌ Action failed	0:00.045
❌ Test method Product_Listed_In_The_Cart threw exception: !The product is not in the cart. Microsoft.VisualStudio.TestTools.UnitTesting.AssertFailedException at MusicStore.CodedUiFramework.Error.ErrorManager.Fail(String errorMessage) in e:\New Automation Course\BDD\BddSamples\MusicStore\MusicStore.Framework\Error\ErrorManager.cs:line 9 at MusicStore.CodedUiFramework.Pages.ShoppingCartPage.VerifyProductInTheCart(String albumName) in e:\New Automation Course\BDD\BddSamples\MusicStore\MusicStore.Framework\Pages\ShoppingCartPage.cs:line 22 at MusicStore.CodedUiTests.CodedUiTest1.Product_Listed_In_The_Cart() in e:\New Automation Course\BDD\BddSamples\MusicStore\MusicStore.Tests\CodedUiTest1.cs:line 19	

# NUnit reports

## Requirements:

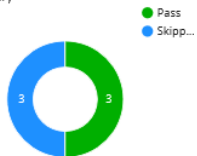
- NUnit 2.6 >
- `c:\NUnit-2.6.4\bin\nunit-console.exe`
- `c:\NUnit-2.6.4\ReportUnit.exe`

## Commands:

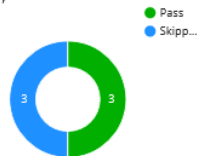
- `c:\YourApp.Tests\bin\Debug>c:\NUnit-2.6.4\bin\nunit-console.exe  
YourApp.Tests.dll`
- `c:\YourApp.Tests\bin\Debug>c:\NUnit-2.6.4\ReportUnit.exe TestResult.xml  
AutomationReport.html`



Fixture Summary



Tests Summary



Pass Percentage

50%

Filter Suites

Choose your option

Filter Tests

Choose your option

Accordion ☐ Toggle

DepartmentTests

PASSED

⌚ 4.349

SmokeTests

SKIPPED

⌚ 0.002

PreConditionsTests

PASSED

⌚ 3.187

ProjectTests

PASSED

⌚ 3.284

PreConditionsTests

SKIPPED

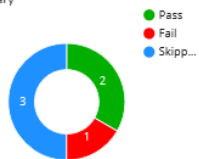
⌚ 0.001

ProjectTests

SKIPPED

⌚ 0.001

Fixture Summary



Tests Summary



Pass Percentage

33%



Filter Suites

Choose your option

Filter Tests

Choose your option

Accordion ☐ Toggle

DepartmentTests

FAILED

⌚ 4.43

SmokeTests

SKIPPED

⌚ 0.002

PreConditionsTests

PASSED

⌚ 3.202

ProjectTests

PASSED

⌚ 3.356

PreConditionsTests

SKIPPED

⌚ 0.001

ProjectTests

SKIPPED

⌚ 0.001

# NUnit + SpecFlow (BDD) reports

## Requirements:

- NUnit 2.6 >
- c:\NUnit-2.6.4\bin\**nunit-console.exe**
- c:\YourAppProject\packages\SpecFlow.1.9.0\tools\**specflow.exe**
- Add a 'Configuration File' in the following path:  
c:\YourAppProject\packages\SpecFlow.1.9.0\tools\**specflow.exe.config**
- The content of that 'Configuration File' should be the following:

```
<?xml version="1.0" encoding="utf-8" ?>
<configuration>
  <startup>
    <supportedRuntime version="v4.0.30319" />
  </startup>
</configuration>
```





# NUnit + SpecFlow (BDD) reports

## Commands:

- `c:\YourApp.Tests\bin\Debug>c:\NUnit-2.6.4\bin\nunit-console.exe  
App.Tests.dll`
- `c:\YourApp.Tests\bin\Debug>"c:\YourProject\packages\SpecFlow.1.9.0\tools  
\specflow.exe" nunitexecutionreport  
"C:\YourProject\YourApp.Tests\YourApp.Tests.csproj"  
/out:AutomationReport.html`



## Northwind.Tests Test Execution Report

Generated by SpecFlow at 11/29/2015 19:19 (see <http://www.specflow.org/>).

### Summary

Features	Success rate		Scenarios	Success	Failed	Pending	Ignored
3 features	67%	<div><div></div></div>	3	2	0	0	1

### Feature Summary

Feature	Success rate		Scenarios	Success	Failed	Pending	Ignored
<a href="#">SmokeTests</a>	0%	<div><div></div></div>	1	0	0	0	1
<a href="#">CreateDepartment</a>	100%	<div><div></div></div>	1	1	0	0	0
<a href="#">CreateProject</a>	100%	<div><div></div></div>	1	1	0	0	0

### Feature Execution Details

#### Feature: SmokeTests

Scenario	Status	Time(s)
Northwind.Tests.SmokeTests.Create_Department_Smoke_Test	ignored	N/A

#### Feature: CreateDepartment

Scenario	Status	Time(s)
Add department <a href="#">[show]</a>	success	4.020

#### Feature: CreateProject

Scenario	Status	Time(s)
Add project <a href="#">[show]</a>	success	3.023



## Northwind.Tests Test Execution Report

Generated by SpecFlow at 11/29/2015 19:41 (see <http://www.specflow.org/>).

### Summary

Features	Success rate	Scenarios	Success	Failed	Pending	Ignored
3 features	33% <div><div></div></div>	3	1	1	0	1

### Feature Summary

Feature	Success rate	Scenarios	Success	Failed	Pending	Ignored
<a href="#">SmokeTests</a>	0% <div></div>	1	0	0	0	1
<a href="#">CreateDepartment</a>	0% <div></div>	1	0	1	0	0
<a href="#">CreateProject</a>	100% <div></div>	1	1	0	0	0

### Feature Execution Details

#### Feature: SmokeTests

Scenario	Status	Time(s)
Northwind.Tests.SmokeTests.Create_Department_Smoke_Test	ignored	N/A

#### Feature: CreateDepartment

Scenario	Status	Time(s)
Add department <a href="#">[show]</a>	failure <a href="#">[show]</a>	4.226

#### Feature: CreateProject

Scenario	Status	Time(s)
Add project <a href="#">[show]</a>	success	3.084



## Northwind.Tests Test Execution Report

Generated by SpecFlow at 11/29/2015 19:41 (see <http://www.specflow.org/>).

### Summary

Features	Success rate	Scenarios	Success	Failed	Pending	Ignored
3 features	33% <div><div></div></div>	3	1	1	0	1

### Feature Summary

Feature	Success rate	Scenarios	Success	Failed	Pending	Ignored
<a href="#">SmokeTests</a>	0% <div></div>	1	0	0	0	1
<a href="#">CreateDepartment</a>	0% <div></div>	1	0	1	0	0
<a href="#">CreateProject</a>	100% <div></div>	1	1	0	0	0

### Feature Execution Details

#### Feature: SmokeTests

Scenario	Status	Time(s)
Northwind.Tests.SmokeTests.Create_Department_Smoke_Test	ignored	N/A

#### Feature: CreateDepartment

Scenario	Status	Time(s)
Add department <a href="#">[show]</a>	failure <a href="#">[logs]</a>	4.226

**Expected: True  
But was: False**

```
at Northwind.Tests.Steps.CreateDepartmentSteps.ThenTheNewDepartmentShouldBeListedTheDepartmentsGrid() in c:\JalaTraining_2015\Reports\NorthwindProject\Northwind.Tests\Steps\CreateDepartment.cs:line 40
at TechTalk.SpecFlow.Bindings.BindingInvoker.InvokeBinding(IBinding binding, IContextManager contextManager, Object[] arguments, ITestTracer testTracer, TimeSpan duration)
at TechTalk.SpecFlow.Infrastructure.TestExecutionEngine.ExecuteStepMatch(BindingMatch match, Object[] arguments)
at TechTalk.SpecFlow.Infrastructure.TestExecutionEngine.ExecuteStep(StepInstance stepInstance)
at TechTalk.SpecFlow.Infrastructure.TestExecutionEngine.OnAfterLastStep()
at Northwind.Tests.Features.CreateDepartmentFeature.ScenarioCleanup() in c:\JalaTraining_2015\Reports\NorthwindProject\Northwind.Tests\Features\CreateDepartment.feature.cs:line 0
at Northwind.Tests.Features.CreateDepartmentFeature.AddDepartment() in c:\JalaTraining_2015\Reports\NorthwindProject\Northwind.Tests\Features\CreateDepartment.feature:line 9
```

#### Feature: CreateProject

Scenario	Status	Time(s)
Add project <a href="#">[show]</a>	success	3.084



# Visual Studio reports (ITestLogger – Custom reports)

## Requirements:

- Unit Test Project
- TestContextLogger.cs class
- TestAttributeValueReader.cs class
- Add the following dll to your project: c:\Program Files (x86)\Microsoft Visual Studio 12.0\Common7\IDE\CommonExtensions\Microsoft\TestWindow\**Microsoft.VisualStudio.TestPlatform.ObjectModel.dll**
- c:\YourProject\YourApp.Tests\bin\Debug>"c:\Program Files (x86)\Microsoft Visual Studio 12.0\Common7\IDE\CommonExtensions\Microsoft\TestWindow\**vstest.console**
- Copy your ***YourApp.Tests.dll*** to: c:\Program Files (x86)\Microsoft Visual Studio 12.0\Common7\IDE\CommonExtensions\Microsoft\TestWindow\**Extensions**



# Visual Studio reports (ITestLogger – Custom reports)

## Commands:

- `c:\YourProject\YourApp.Tests\bin\Debug>"c:\Program Files (x86)\Microsoft Visual Studio 12.0\Common7\IDE\CommonExtensions\Microsoft\TestWindow\vstest.console" YourApp.Tests.dll /TestCaseFilter:"TestCategory=YourCategory" /logger:AutomationLogger`

## With Video:

- `c:\YourProject\YourApp.Tests\bin\Debug>"c:\Program Files (x86)\Microsoft Visual Studio 12.0\Common7\IDE\CommonExtensions\Microsoft\TestWindow\vstest.console" YourApp.Tests.dll /TestCaseFilter:"TestCategory=YourCategory" /logger:AutomationLogger /Settings:"C:\YourProject\TestSettings1.testsettings"`



# Visual Studio reports (ITestLogger – Custom reports)

Automation Results

# Enterprise



All Results



Passed Tests

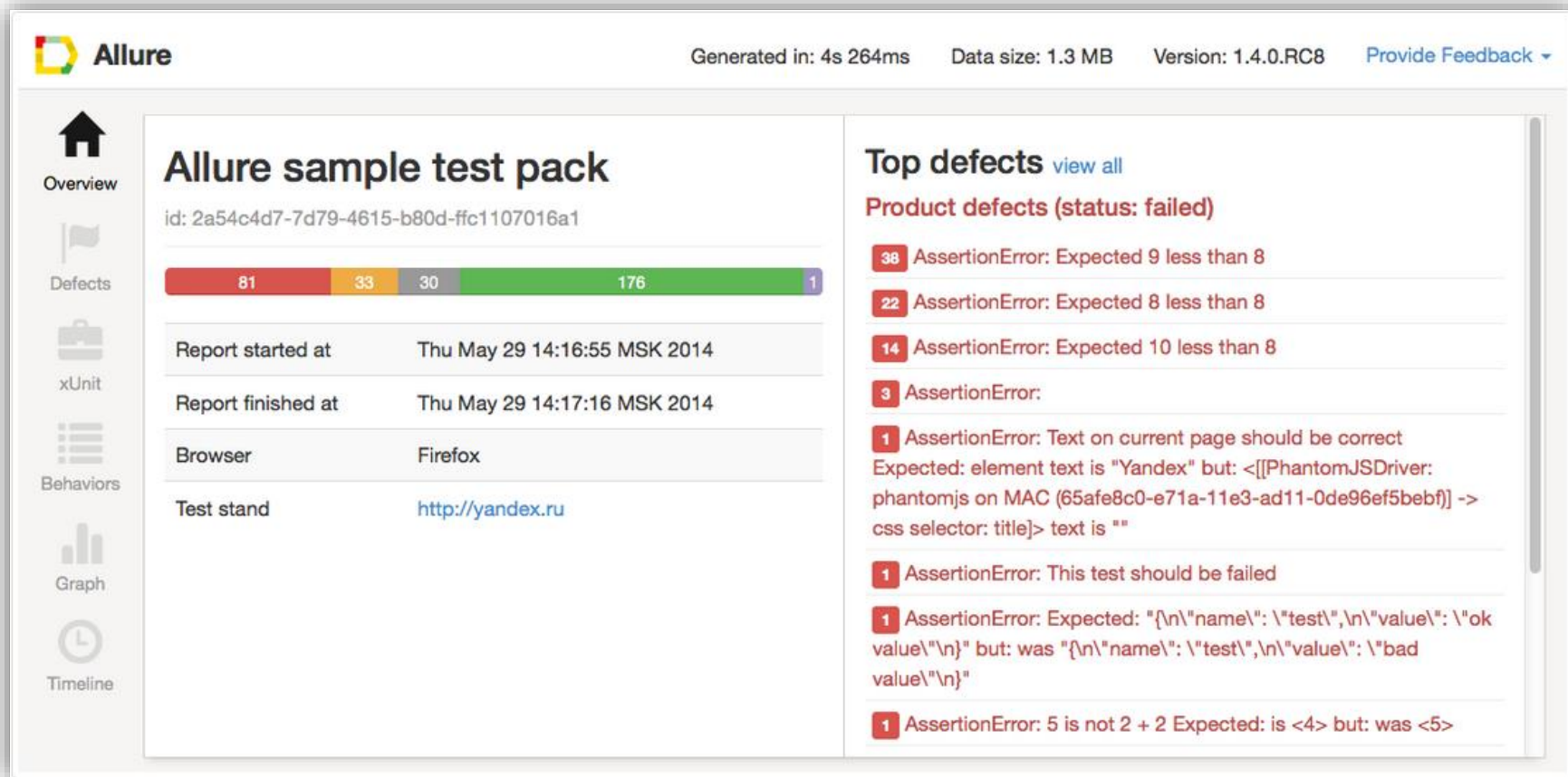


Failed Tests



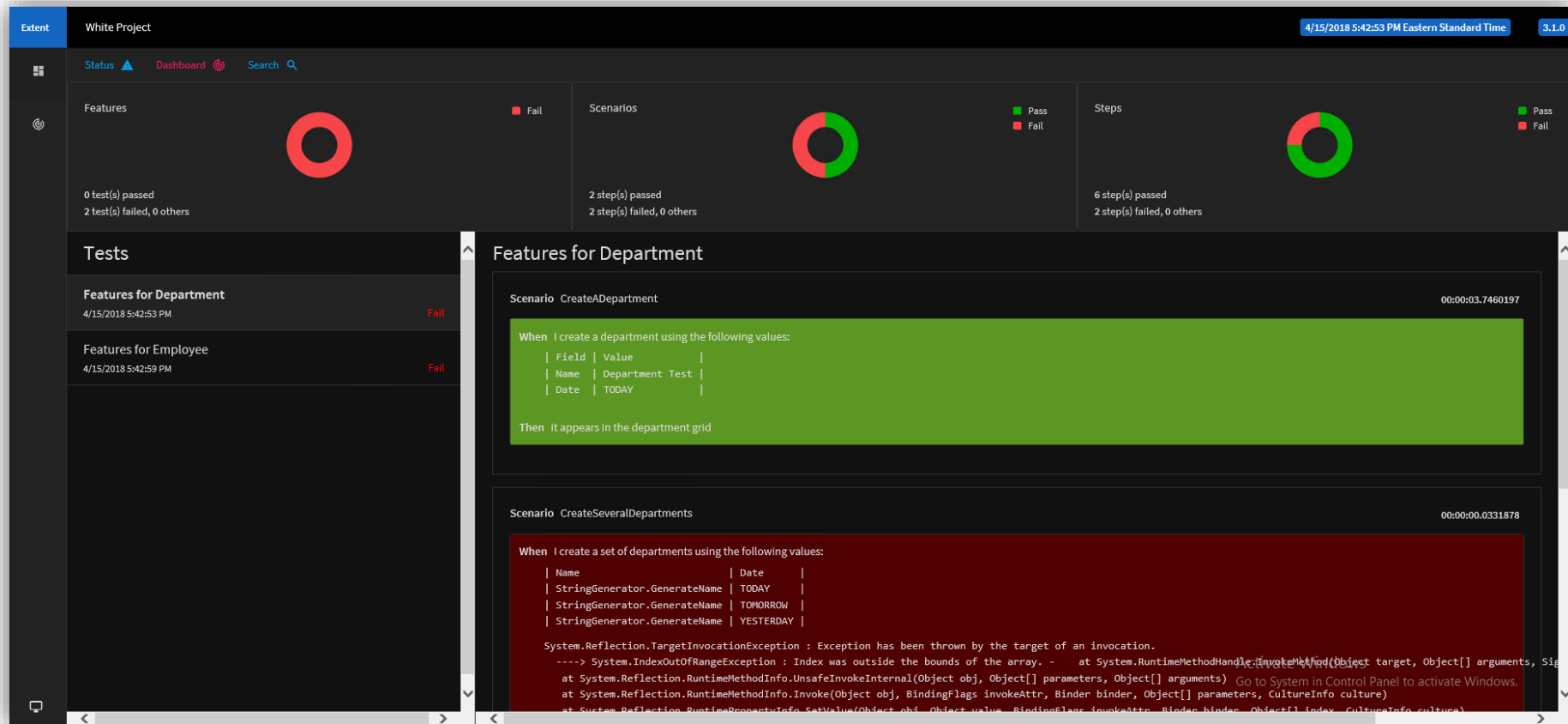
Skipped Tests



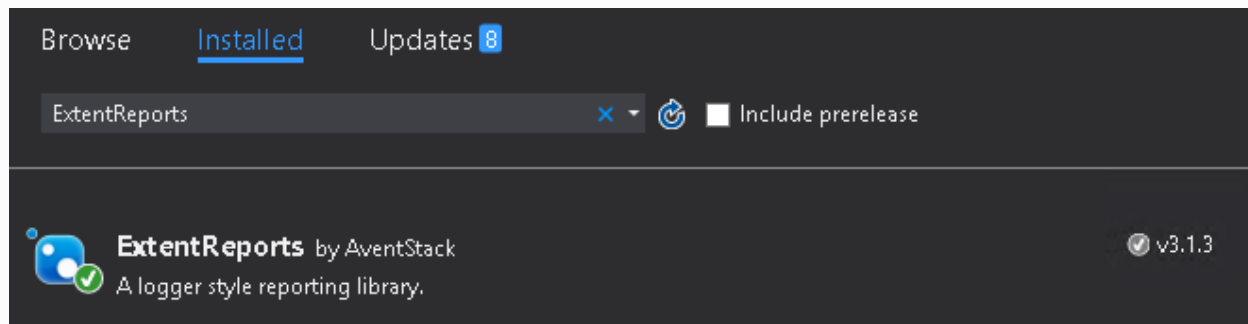




# ExtentReports



# ExtentReports



# Reports



Demo



# Q&A

