

Run NSpec specification from test explorer

Prerequisites

- Visual studio
- .NET framework (4.0 or higher)

Installation

1. Add a unit test-project to your solution
2. Go to Tools > Nuget Package Manager > Manage Nuget Packages for Solution
3. Install the NSpec nuget
4. Install the Testrunner for NSpec Nuget

Process

1. Add a code file to the project. Carrying the name describe_filename
2. Add a reference to the application code
3. Write the specifications for the feature.
 - A. Add the reference to NSpec to the file
 - B. Implement the interface to the header
 - C. The scenario is written as a method with underscores beginning with specify
 - D. Use "Context tag" for "given" and "when" clause. And use the "it tag" for the "then" clause(s).
 - E. In every "context tag", there should be "1 it" tag, to route the text to the output. You can use a dummy "it tag" saying "done" or "todo" to enable this.
- Methods without underscores are recognised as regular methods
- Methods with underscores outline a scenario
4. Add the testcode(replace todo).
5. Compile the test project.
6. Open Test explorer (Test > Windows > Test Explorer)
7. Right click on the test you want to run > Run Selected Tests

Remarks

The testing of Nspec specifications doesn't function as described. All tests will always succeed and you get following message

```
Test adapter sent back a result for an unknown test case. Ignoring result for 'nspec.
```

Future updates should rectify the problem.

Extra info

<http://nspec.org/>