

# Manual NSpec

## Prerequisites

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

## Installation

You should install NSpec on every test project.

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 nugget

## Process

1. Add a code file to the project.
2. Add a reference to the application code
3. Write the specifications for the feature.
  1. Add the referenxe to NSpec to the file
  2. Implement the interface to the header
  3. Use "Context tag" for "given" and "when" clause. And us the "it tag" for the "then" clause(s).
  4. 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.

```
public void Overview_of_existing_users_with_only_admin_as_registerd_user()
{
    context["Given I am logged in as an administrator"] = () =>
    {
        it["todo"] = todo;
    };

    context["And there are no other users registerd in the system"] = () =>
    {
        it["todo"] = todo;
    };

    context["When I want to view all the registerd users"] = () =>
    {
        it["Then the details of the admin are shown with userid = janjan"] = todo;
    };
}
```

- 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. Run the Nspec scenario's by entering following rule in the package manager console:  
*NSpecRunner.exe YourClassLibraryName\bin\debug\YourClassLibraryName.dll*
  - Nspec doesn't provide means to generate other output than to the package manager console.

- *Integration with NUnit doesn't work*

## Extra info

<http://nspec.org/>

## TEMP

Project => class lib => ending on tests

Class => ending on test

Test => start with specify

Test adapter extension/Test adapter nuget

Run is mogelijk, maar resultaat klopt niet(ignored result => false positive)

Wachttijden invoegen voor select combo's(ui). Anders verkeerde value select => ganse uitvoering wordt trager

Updated versie geeft ander output resultaat

Specflow MSCUI -> Assembly moet naam

CodedUIGeneratorProvider.Generator.SpecFlowPlugin dragen

Path best naar project/bin/debug laten verwijzen

In de app config altijd plugin totaal verwijderen. Saven en dan terug plakken. Anders geen regeneratie van files -> problemen