



python



PowerShell

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### ***PowerShell Get-Help on command 'Describe'***

***PS C:\Users\wahid> Get-Help Describe***

#### NAME

Describe

#### SYNOPSIS

Creates a logical group of tests. All Mocks and TestDrive contents defined within a Describe block are scoped to that Describe; they will no longer be present when the Describe block exits. A Describe block may contain any number of Context and It blocks.

#### SYNTAX

```
Describe [-Name] <String> [-Tags <Object>] [[-Fixture] <ScriptBlock>]  
[<CommonParameters>]
```

#### DESCRIPTION

#### PARAMETERS

-Name <String>

The name of the test group. This is often an expressive phrase describing

the scenario being tested.

#### -Tags <Object>

Optional parameter containing an array of strings. When calling Invoke-Pester, it is possible to specify a -Tag parameter which will only execute Describe blocks containing the same Tag.

#### -Fixture <ScriptBlock>

The actual test script. If you are following the AAA pattern (Arrange-Act-Assert), this typically holds the arrange and act sections. The Asserts will also lie in this block but are typically nested each in its own It block. Assertions are typically performed by the Should command within the It blocks.

#### <CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about\_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

#### ----- EXAMPLE 1 -----

```
PS C:\>function Add-Numbers($a, $b) {
```

```
    return $a + $b
```

```
}
```

```
Describe "Add-Numbers" {
```

```
    It "adds positive numbers" {
```

```
        $sum = Add-Numbers 2 3
```

```
$sum | Should Be 5
}

It "adds negative numbers" {
    $sum = Add-Numbers (-2) (-2)
    $sum | Should Be (-4)
}

It "adds one negative number to positive number" {
    $sum = Add-Numbers (-2) 2
    $sum | Should Be 0
}

It "concatenates strings if given strings" {
    $sum = Add-Numbers two three
    $sum | Should Be "twothree"
}
}
```

## REMARKS

To see the examples, type: "get-help Describe -examples".

For more information, type: "get-help Describe -detailed".

For technical information, type: "get-help Describe -full".

For online help, type: "get-help Describe -online"