



python



PowerShell

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PowerShell Get-Help on command 'InModuleScope'

PS C:\Users\wahid> Get-Help InModuleScope

NAME

InModuleScope

SYNOPSIS

Allows you to execute parts of a test script within the scope of a PowerShell script module.

SYNTAX

```
InModuleScope [-ModuleName] <String> [-ScriptBlock] <ScriptBlock>  
[<CommonParameters>]
```

DESCRIPTION

By injecting some test code into the scope of a PowerShell script module, you can use non-exported functions, aliases and variables inside that module, to perform unit tests on its internal implementation.

InModuleScope may be used anywhere inside a Pester script, either inside or outside a Describe block.

PARAMETERS

`-ModuleName <String>`

The name of the module into which the test code should be injected. This module must already be loaded into the current PowerShell session.

`-ScriptBlock <ScriptBlock>`

The code to be executed within the script module.

`<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:\># The script module:

```
function PublicFunction
{
    # Does something
}
```

```
function PrivateFunction
{
    return $true
}
```

```
Export-ModuleMember -Function PublicFunction
```

The test script:

```
Import-Module MyModule
```

```
InModuleScope MyModule {  
    Describe 'Testing MyModule' {  
        It 'Tests the Private function' {  
            PrivateFunction | Should Be $true  
        }  
    }  
}
```

Normally you would not be able to access "PrivateFunction" from the powershell session, because the module only exported "PublicFunction". Using InModuleScope allowed this call to "PrivateFunction" to work successfully.

REMARKS

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

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

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