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PowerShell

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PowerShell Get-Help on command 'New-IseSnippet'

PS C:\Users\wahid> Get-Help New-IseSnippet

NAME

New-IseSnippet

SYNOPSIS

Creates a Windows PowerShell ISE code snippet.

SYNTAX

```
New-IseSnippet [-Title] <System.String> [-Description] <System.String> [-Text]
<System.String> [-Author <System.String>] [-CaretOffset <System.Int32>]
[-Force] [<CommonParameters>]
```

DESCRIPTION

The `New-ISESnippet` cmdlet creates a reusable text "snippet" for Windows PowerShell ISE. You can use snippets to add text to the Script pane or Command pane in Windows PowerShell ISE. This cmdlet is available only in Windows PowerShell ISE.

Beginning in Windows PowerShell 3.0, Windows PowerShell ISE includes a collection of built-in snippets. The `New-ISESnippet` cmdlet lets you create

your own snippets to add to the built-in collection. You can view, change, add, delete, and share snippet files and include them in Windows PowerShell modules. To see snippets in Windows PowerShell ISE, from the Edit menu, select Start Snippets or press <kbd>CTRL</kbd>+<kbd>J</kbd>.

The `New-ISESnippet` cmdlet creates a `<Title>.Snippets.ps1xml` file in the `$HOME\Documents\WindowsPowerShell\Snippets` directory with the title that you specify. To include a snippet file in a module that you are authoring, add the snippet file to a Snippets subdirectory of your module directory.

You cannot use user-created snippets in a session in which the execution policy is Restricted or AllSigned .

This cmdlet was introduced in Windows PowerShell 3.0.

PARAMETERS

`-Author <System.String>`

Specifies the author of the snippet. The author field appears in the snippet file, but it does not appear when you click the snippet name in Windows PowerShell ISE.

`-CaretOffset <System.Int32>`

Specifies the character of the snippet text that this cmdlet places the cursor on. Enter an integer that represents the cursor position, with "1" representing the first character of text. The default value, 0 (zero), places the cursor immediately before the first character of text. This parameter does not indent the snippet text.

`-Description <System.String>`

Specifies a description of the snippet. The description value appears when you click the snippet name in Windows PowerShell ISE. This parameter is required.

-Force <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet overwrites snippet files with the same name in the same location. By default, `New-ISESnippet` does not overwrite files.

-Text <System.String>

Specifies the text value that is added when you select the snippet. The snippet text appears when you click the snippet name in Windows PowerShell ISE. This parameter is required.

-Title <System.String>

Specifies a title or name for the snippet. The title also names the snippet file. This parameter is required.

<CommonParameters>

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

----- Example 1: Create a Comment-Based help snippet -----

```
New-IseSnippet -Title Comment-BasedHelp -Description "A template for comment-based help." -Text "<#
```

```
.SYNOPSIS
```

```
.DESCRIPTION
```

```
.PARAMETER <Parameter-Name>
```

```
.INPUTS
```

```
.OUTPUTS
```

```
.EXAMPLE
```

```
.LINK
```

```
#>"
```

This command creates a Comment-BasedHelp snippet for Windows PowerShell ISE. It creates a file named `Comment-BasedHelp.snippets.ps1xml` in the user's Snippets directory `\$HOME\Documents\WindowsPowerShell\Snippets`.

----- Example 2: Create a mandatory snippet -----

```
$M = @'  
Param  
(  
  [parameter(Mandatory=$true)]  
  [String[]]  
  $<ParameterName>  
)  
'@
```

```
New-ISESnippet -Text $M -Title Mandatory -Description "Adds a mandatory  
function parameter." -Author "Patti Fuller, Fabrikam Corp." -Force
```

This example creates a snippet named Mandatory for Windows PowerShell ISE. The first command saves the snippet text in the `\$M` variable. The second command uses the `New-ISESnippet` cmdlet to create the snippet. The command uses the Force parameter to overwrite a previous snippet with the same name.

Example 3: Copy a mandatory snippet from a folder to a destination folder

```
Copy-Item  
"$HOME\Documents\WindowsPowerShell\Snippets\Mandatory.Snippets.ps1xml"  
-Destination "\\Server\Share"
```

This command uses the `Copy-Item` cmdlet to copy the Mandatory snippet from the folder where `New-ISESnippet` places it to the Server\Share file share.

REMARKS

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

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

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

For online help, type: "get-help New-IseSnippet -online"