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### ***Windows PowerShell Get-Help on Cmdlet 'Get-IseSnippet'***

**PS:\>Get-HELP Get-IseSnippet -Full**

#### **NAME**

Get-IseSnippet

#### **SYNOPSIS**

Gets snippets that the user created.

#### **SYNTAX**

Get-IseSnippet [<CommonParameters>]

#### **DESCRIPTION**

The `Get-IseSnippet` cmdlet gets the PS1XML files that contain reusable text snippets that the user created. It works only in Windows PowerShell Integrated Scripting Environment (ISE).

When you use the `New-IseSnippet` cmdlet to create a snippet, `New-IseSnippet` creates a `<SnippetTitle>.Snippets.ps1xml` file in the `\$HOME\Documents\WindowsPowerShell\Snippets` directory. `Get-IseSnippet` gets the snippet files in the Snippets directory.

This cmdlet does not get built-in snippets or snippets that are imported from modules through the `Import-ISESnippet` cmdlet.

This cmdlet was introduced in Windows PowerShell 3.0.

## PARAMETERS

<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>).

## INPUTS

None

You can't pipe objects to this cmdlet.

## OUTPUTS

System.IO.FileInfo

This cmdlet returns a file object representing the snippet file.

## NOTES

- The `New-ISESnippet` cmdlet stores new user-created snippets in unsigned .ps1xml files. As such, Windows PowerShell cannot add them to a session in which the execution policy is AllSigned or Restricted. In a Restricted or AllSigned session, you can create, get, and import unsigned user-created snippets, but you cannot use them in the session.

To use unsigned user-created snippets that the `Get-IseSnippet` cmdlet returns, change the execution policy, and then restart Windows PowerShell ISE.

For more information about Windows PowerShell execution policies, see [about\\_Execution\\_Policies](#) (./Microsoft.PowerShell.Core/About/about\_Execution\_Policies.md).

----- Example 1: Get all user-defined snippets -----

Get-IseSnippet

Example 2: Copy all user-defined snippets from remote computers to a shared directory

```
Invoke-Command -Computer (Get-Content Servers.txt) {Get-IseSnippet} | Copy-Item -Destination \\Server01\Share01\Snippets}
```

`Invoke-Command` runs `Get-IseSnippet` on the computers in the `Servers.txt` file. A pipeline operator (`|`) sends the snippet files to the `Copy-Item` cmdlet, which

copies them to the directory that is specified by the Destination parameter.

Example 3: Display the title and text of each snippet on a local computer

```
#Parse-Snippet Function
```

```
function Parse-Snippet {
    $SnippetFiles = Get-IseSnippet
    $SnippetNamespace = @{x="http://schemas.microsoft.com/PowerShell/Snippets"}
    foreach ($SnippetFile in $SnippetFiles) {
        Write-Host ""
        $Title = Select-Xml -Path $SnippetFile.FullName -Namespace $SnippetNamespace -XPath "//x:Title" |
           ForEach-Object {$_.Node.InnerXML}
        $Text = Select-Xml -Path $SnippetFile.FullName -Namespace $SnippetNamespace -XPath "//x:Script" |
           ForEach-Object {$_.Node.InnerText}
        Write-Host "Title: $Title"
        Write-Host "Text: $Text"
```

```
}
```

```
}
```

Title: Mandatory

Text:

Param

```
(
```

```
[parameter(Mandatory=True)]
```

```
[String[]]
```

```
$<ParameterName>
```

```
)
```

Title: Copyright

Text: (c) Fabrikam, Inc. 2012

Example 4: Display the title and description of all snippets in the session

```
$PSISE.CurrentPowerShellTab.Snippets | Format-Table DisplayName, Description
```

The `'\$PSISE` variable represents the Windows PowerShell ISE host program. The CurrentPowerShellTab property of the `'\$PSISE` variable represent the current session.

The Snippets property represents snippets in the current session.

The `'\$PSISE.CurrentPowerShellTab.Snippets` command returns a Microsoft.PowerShell.Host.ISE.ISEN snippet object that represents a snippet, unlike the `Get-IseSnippet` cmdlet. `Get-IseSnippet` returns a file object (System.IO.FileInfo) that represents a snippet file.

The `Format-Table` cmdlet displays the DisplayName and Description properties of the snippets in a table.

## RELATED LINKS

Online

Version:

New-IseSnippet

Import-IseSnippet