PowerShell Get-Help on command 'Get-IseSnippet'

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

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).

----------- 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 DisplayTitle, 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.ISESnippet 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 DisplayTitle and Description properties of the snippets in a table.

REMARKS

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

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

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

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