



python



PowerShell

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PowerShell Get-Help on command 'Get-Variable'

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

NAME

Get-Variable

SYNOPSIS

Gets the variables in the current console.

SYNTAX

```
Get-Variable [[-Name] <System.String[]> [-Exclude <System.String[]>]
[-Include <System.String[]>] [-Scope <System.String>] [-ValueOnly]
[<CommonParameters>]
```

DESCRIPTION

The `Get-Variable` cmdlet gets the PowerShell variables in the current console. You can retrieve just the values of the variables by specifying the ValueOnly parameter, and you can filter the variables returned by name.

PARAMETERS

-Exclude <System.String[]>

Specifies an array of items that this cmdlet excludes from the operation.

Wildcards are permitted.

-Include <System.String[]>

Specifies an array of items upon which the cmdlet will act, excluding all others. Wildcards are permitted.

-Name <System.String[]>

Specifies the name of the variable. Wildcards are permitted. You can also pipe a variable name to `Get-Variable`.

-Scope <System.String>

Specifies the variables in the scope. The acceptable values for this parameter are:

- Global - Local - Script - A number relative to the current scope (0 through the number of scopes, where 0 is the current scope and 1 is its parent) Local is the default. For more information, see `about_Scopes` (`../Microsoft.PowerShell.Core/About/about_Scopes.md`).

-ValueOnly <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet gets only the value of the variable.

<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 variables by letter -----

Get-Variable m*

----- Example 2: Get variable values by letter -----

```
Get-Variable m* -ValueOnly
```

----- Example 3: Get variables by two letters -----

```
Get-Variable -Include M*,P*
```

----- Example 4: Get variables by scope -----

```
Get-Variable -Scope 0
```

```
Compare-Object (Get-Variable -Scope 0) (Get-Variable -Scope 1)
```

REMARKS

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

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

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

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