



python



PowerShell

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### ***PowerShell Get-Help on command 'New-TimeSpan'***

***PS C:\Users\wahid> Get-Help New-TimeSpan***

#### NAME

New-TimeSpan

#### SYNOPSIS

Creates a TimeSpan object.

#### SYNTAX

New-TimeSpan [-Days <System.Int32>] [-Hours <System.Int32>] [-Minutes <System.Int32>] [-Seconds <System.Int32>] [<CommonParameters>]

New-TimeSpan [[-Start] <System.DateTime>] [[-End] <System.DateTime>] [<CommonParameters>]

#### DESCRIPTION

The `New-TimeSpan` cmdlet creates a TimeSpan object that represents a time interval. You can use a TimeSpan object to add or subtract time from DateTime objects.

Without parameters, a `New-TimeSpan` command returns a TimeSpan object that

represents a time interval of zero.

## PARAMETERS

`-Days <System.Int32>`

Specifies the days in the time span. The default value is 0.

`-End <System.DateTime>`

Specifies the end of a time span. The default value is the current date and time.

`-Hours <System.Int32>`

Specifies the hours in the time span. The default value is zero.

`-Minutes <System.Int32>`

Specifies the minutes in the time span. The default value is 0.

`-Seconds <System.Int32>`

Specifies the length of the time span in seconds. The default value is 0.

`-Start <System.DateTime>`

Specifies the start of a time span. Enter a string that represents the date and time, such as "3/15/09" or a `DateTime` object, such as one from a ``Get-Date`` command. The default value is the current date and time.

You can use `Start` or its alias, `LastWriteTime`. The `LastWriteTime` alias lets you pipe objects that have a `LastWriteTime` property, such as files in the file system ``[System.IO.FileInfo]``, to the `Start` parameter of ``New-TimeSpan``.

## <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 TimeSpan object for a specified duration -

```
$TimeSpan = New-TimeSpan -Hours 1 -Minutes 25
```

```
$TimeSpan
```

```
Days          : 0
Hours         : 1
Minutes       : 25
Seconds       : 0
Milliseconds  : 0
Ticks         : 51000000000
TotalDays     : 0.0590277777777778
TotalHours    : 1.41666666666667
TotalMinutes  : 85
TotalSeconds  : 5100
TotalMilliseconds : 5100000
```

--- Example 2: Create a TimeSpan object for a time interval ---

```
New-TimeSpan -End (Get-Date -Year 2010 -Month 1 -Day 1)
```

---- Example 3: Get the date 90 days from the current date ----

```
$90days = New-TimeSpan -Days 90
```

```
(Get-Date) + $90days
```

These commands return the date that is 90 days after the current date.

-- Example 4: Discover the TimeSpan since a file was updated --

Days : 321  
Hours : 21  
Minutes : 59  
Seconds : 22  
Milliseconds : 312  
Ticks : 278135623127728  
TotalDays : 321.916230471907  
TotalHours : 7725.98953132578  
TotalMinutes : 463559.371879547  
TotalSeconds : 27813562.3127728  
TotalMilliseconds : 27813562312.7728

## REMARKS

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

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

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

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