

# Basic features of PowerShell on Windows

Sharing the basic features of PowerShell on Windows, PowerShell is mainly used by developers to fix bugs on Windows.

The following article I will introduce you to the basic features of PowerShell on Windows.

PowerShell is mainly used by developers to fix bugs, or run alternate commands for the Command Prompt application. If you are using Linux, PowerShell is like the default Terminal application on Linux.

Before going through the PowerShell features, I will explain to you how PowerShell concept is.

## 1. What is PowerShell?



**PowerShell** is a utility, it works based on language commands to handle tasks, allowing administrators to manage jobs in a batch and automate. PowerShell is fully known as **Windows PowerShell (PS)**, it contains commands in the **Command Prompt** and is built on the **Framework** platform .

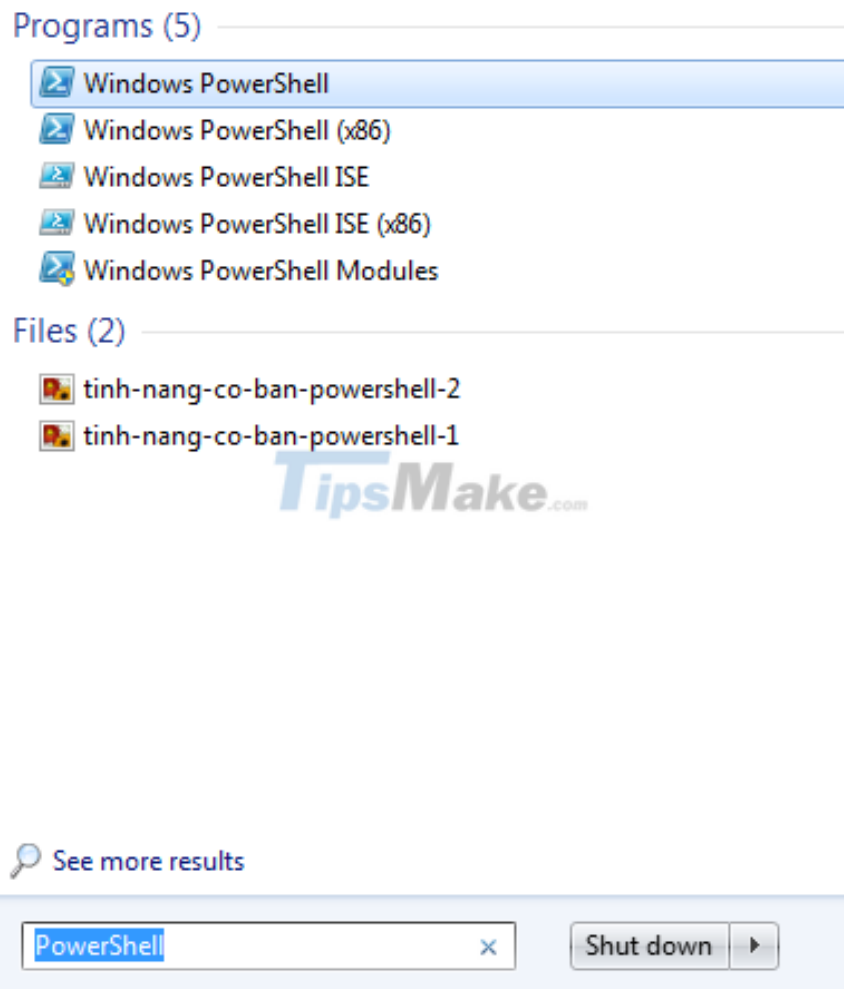
PowerShell helps you handle repetitive tasks, and makes it easier for users to manage websites. It is usually built-in on operating systems ( *Win 7, Win 10, .* ) .and now it has undergone many improvements and upgrades, now with **PowerShell 5.1** , you can download.

## 2. How to open PowerShell on Windows

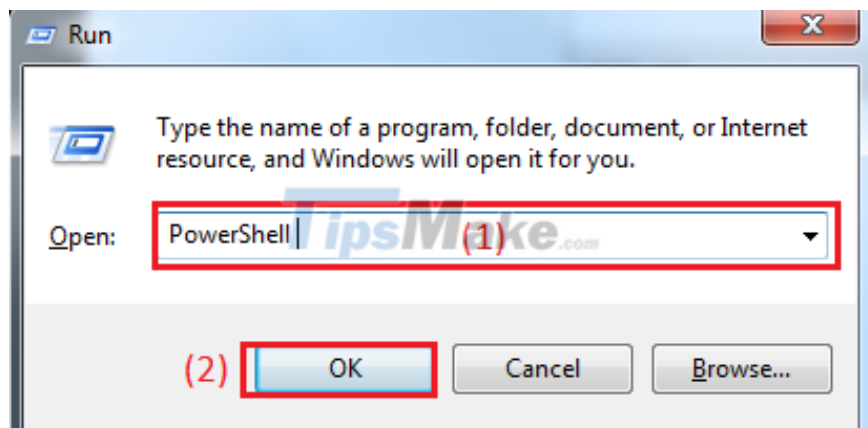
Here I will show you how to start **PowerShell** on your computer.

**Method 1:** Launch **PowerShell** by entering keywords in the search box.

Open the **Start Menu** then type " **PowerShell** " in the search field then click on **PowerShell**.

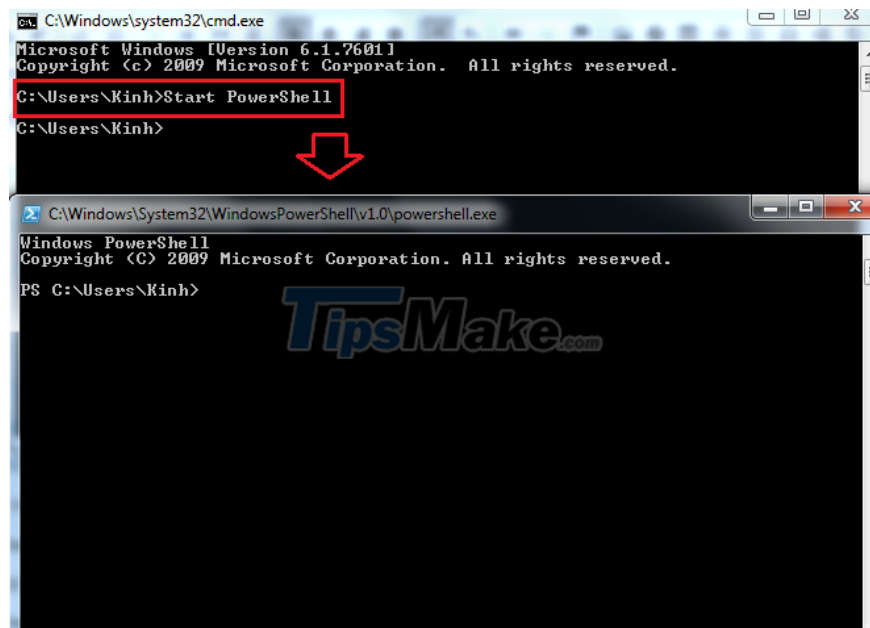


**Method 2:** Start **PowerShell** by running Run, press **Windows + R** key combination , then enter the keyword **PowerShell** and press **OK**



**Method 3:** Start **PowerShell** from the **Command Prompt** dialog box

Open the **Command Prompt** and enter the keywords "**Start PowerShell**" and **Enter** , then you have opened **PowerShell**.



## 2. Features of PowerShell on Windows

Here I will introduce you to the features of PowerShell.

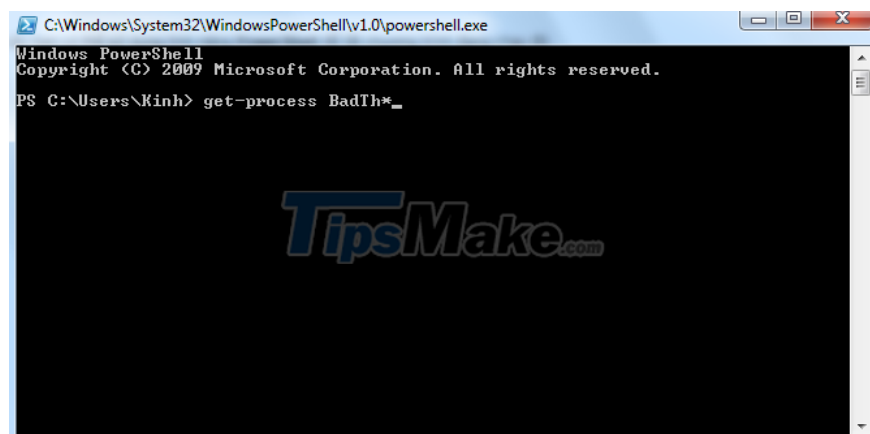
### Use the PowerShell feature to turn off the program

When a **Windows** program is running, the "Stop" command has no effect. So you can use the **PowerShell** feature to shut down the running program.

I will take a specific example for you to easily imagine.

Now you want to disable the **BadThread** program . **exe** , we execute the following command:

**Step 1** : Open the **PowerShell** application and enter the command: `get-process BadTh *` as shown below



**Step 2:** After completing the import, the following command will appear:

```
Handles NPM (K) PM (K) WS (K) VM (M) CPU (s) Id ProcessName -----
```

**Step 3:** Then you end the program with the command

```
stop-process -id 2792
```

And so with the above simple steps, you can turn off **BadThread** program . exe.

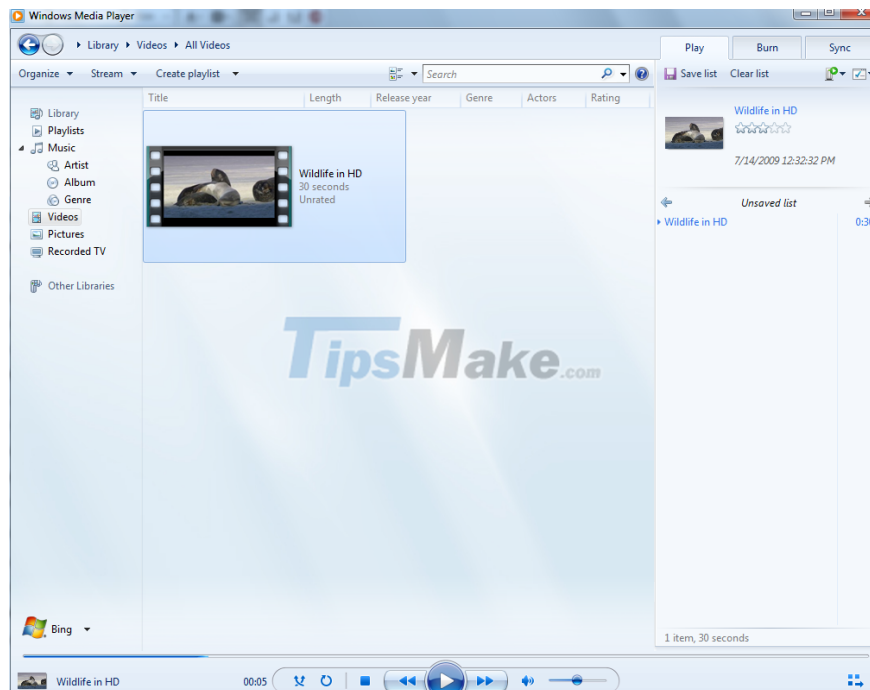
## Use the PowerShell feature to play videos and multimedia files

Here I will show you how to use PowerShell to open videos and multimedia files

**Step 1:** You open up the **PowerShell** utility , and type the command below to open the video.

```
(New-object -COM WMPPlayer.OCX) .openPlayer
```

**Step 2:** A **Windows Media Player** dialog box appears, and you start to choose your favorite videos and relax.



## Use the PowerShell feature to run Here Strings

Here I will guide you how to Use **PowerShell** to run **Here Strings**.

This is a useful solution for using multiple command lines in **PowerShell** .

To use **Here Strings** you must begin with "@" and end with "@", and be separate from the main content. And below I will give a specific example to help you easily imagine.

```
1 | $x = "@  
2 | 123  
3 | 456  
4 | 789  
5 | @"
```

## Use PowerShell to work with Clipboard

This is a very cool **PowerShell** feature , you can get and set objects of different formats in the **Clipboard** .

You can also work with images, HTML, and files.

Now I will start to proceed to retrieve files from the **Clipboard** using the commands on **PowerShell** .

```
1 | 23:43:05 C:\Users\the_g> Get-Clipboard -Files  
2 |  
3 | Mode LastWriteTime Length Name  
4 | ----  
5 | -a---- 9/15/2016 11:41 PM 135890 Capture.PNG  
6 | -a---- 9/16/2016 10:09 PM 3179548 20160917_110605.jpg  
7 | -a---- 9/16/2016 10:09 PM 4623977 20160917_110734.jpg
```

## Use PowerShell's features to talk

I will share with you to talk using **PowerShell** 's features with the following command.

```
1 | Add-Type -AssemblyName System.speech  
2 | $synth = New-Object -TypeName System.Speech.Synthesis.SpeechSynthesizer  
3 | $synth.Speak("PowerShell to the people")
```

So, I have shared with you the features of **PowerShell** on **Windows** , hope it will be useful for you.

You finished reading the article "**Basic features of PowerShell on Windows**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.