

How to use winget - New Package Manager for Windows 10

Microsoft's new Windows Package Manager makes it easy to install apps by running a command. Here's how to try out the new winget command and why this Linux package manager is so interesting for the future of Windows 10.

Microsoft's new Windows Package Manager, makes it easy to install applications by running a command. Here's how to try out the new command winget and why this Linux package manager is so interesting for the future of Windows 10.

What is Windows Package Manager?

The package manager is very popular on Linux. Instead of searching for an application on the web, downloading the installer, and clicking through the wizard, you can simply run a quick command to search and install an application by its name.

For example, to install Microsoft PowerToys, you can open a Terminal window and run the command:

```
winget install powertoys
```

The command will automatically find, download and install the software without any additional input from you. Very easy!

Microsoft is hosting its own software repository, and other organizations and individuals can do the same. This is an important feature that helps improve productivity on Linux, especially for developers and system administrators.

Right now, this tool is for developers only, but one day, Microsoft or third-party developers can create an easy-to-use graphical tool that quickly finds and installs. place the application. It may be similar to the Windows Store, but with access to all the Windows desktop applications that people actually use. In other words, it is like Chocolatey, but integrated into Windows.

How to install Windows Package Manager

Beginning May 19, 2020, Windows Package Manager is available as a preview. Someday it will be integrated directly into future updates for Windows 10.

Until then, there are a few ways you can get this package manager:

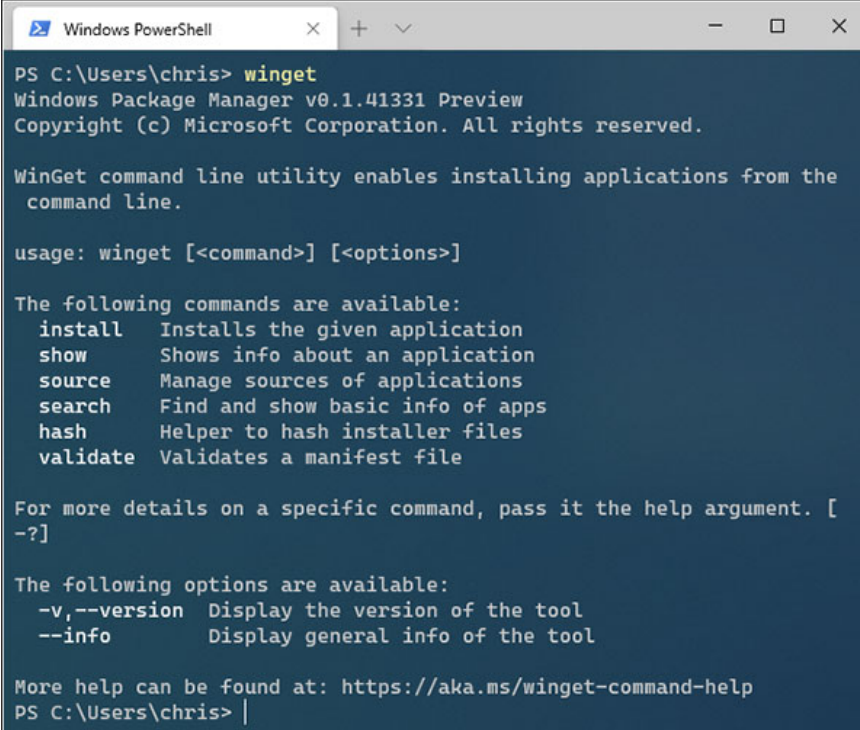
1. Install the Windows 10 Insider build, register the Windows Package Manager Insiders Program, and install the update for the App Installer package from the Microsoft Store. You will receive automatic updates for Windows Package Manager when they are released, but you must run the unstable version of Windows 10.
2. Download the .appxbundle file of Windows Package Manager from GitHub. Install it by double clicking on the file and clicking on **Update**. You can install future updates manually from the same download page, but you won't have to run an unstable version of Windows 10.

In the future, these will not be necessary and the winget will be integrated right into all stable versions of Windows 10. Since May 2020, it has appeared in preview form, while Microsoft tested it. and fix errors.

How to use winget - the new Windows package manager

You can run it winget from Windows PowerShell or the classic Command Prompt environment. The article recommends installing a new Windows Terminal if it is not already available.

From a command line, run the command winget to see more information on how to use the tool.



```
Windows PowerShell
PS C:\Users\chris> winget
Windows Package Manager v0.1.41331 Preview
Copyright (c) Microsoft Corporation. All rights reserved.

WinGet command line utility enables installing applications from the
command line.

usage: winget [<command>] [<options>]

The following commands are available:
install  Installs the given application
show     Shows info about an application
source   Manage sources of applications
search   Find and show basic info of apps
hash     Helper to hash installer files
validate Validates a manifest file

For more details on a specific command, pass it the help argument. [
-?]

The following options are available:
-v,--version  Display the version of the tool
--info        Display general info of the tool

More help can be found at: https://aka.ms/winget-command-help
PS C:\Users\chris> |
```

Run the winget command to see more information on how to use the tool

To search for an application, run the following command, replacing '**name**' with the search term:

```
winget search name
```

```
Windows PowerShell
PS C:\Users\chris> winget search vlc
Name           Id           Version Matched
-----
VLC media player Videolan.Vlc 3.0.10 Tag: vlc
PS C:\Users\chris> |
```

Search for an application

To install an application, run the following command, replacing **'name'** with the application's name:

```
winget install name
```

```
Windows PowerShell
PS C:\Users\chris> winget install vlc
Found VLC media player [Videolan.Vlc]
This application is licensed to you by its owner.
Microsoft is not responsible for, nor does it grant any licenses to,
third-party packages.
Downloading https://get.videolan.org/vlc/3.0.10/win64/vlc-3.0.10-win
64.exe
32.0 MB / 40.5 MB
```

Install an application

To see more information about an application, run the following command, replacing **'name'** with the application name or search term:

```
winget show name
```

```
Windows PowerShell
PS C:\Users\chris> winget show vlc
Found VLC media player [Videolan.Vlc]
Version: 3.0.10
Publisher: VideoLAN
Author: VideoLAN
AppMoniker: VLC
Homepage: https://www.videolan.org/vlc/
License: GNU General Public License Version 2
License Url: https://www.videolan.org/developers/vlc/COPYING
Installer:
  Language: en-US
  SHA256: e0a0883cd6c29aee23ecfc63573bc09e09f78de0da78a6f55ab13fab1c
65850b
  Download Url: https://get.videolan.org/vlc/3.0.10/win64/vlc-3.0.10
-win64.exe
  Type: Exe
PS C:\Users\chris> |
```

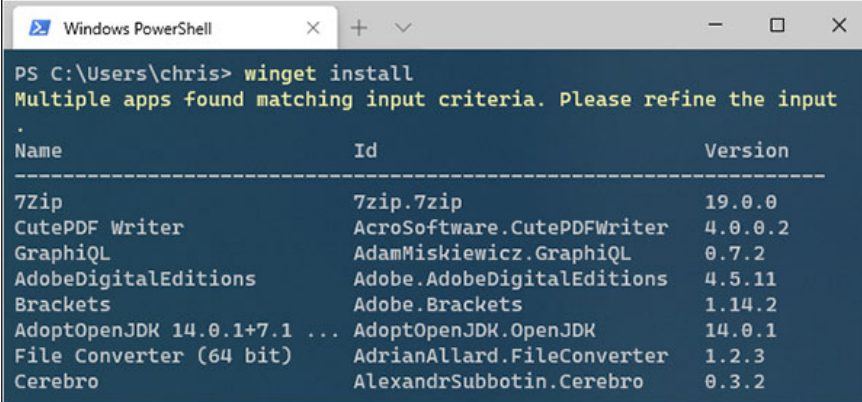
See more information about an application

To see the full list of available applications, run the following command:

```
winget install
```

In the first version, the winget repository was integrated with many popular desktop applications. You'll find everything from popular Windows apps to developer tools. This list includes Google Chrome, Mozilla Firefox,

Zoom, Steam, VLC Media Player, Spotify, Windows Terminal, Visual Studio Code, Ruby, Microsoft PowerToys, etc.



```
PS C:\Users\chris> winget install
Multiple apps found matching input criteria. Please refine the input
.
Name                               Id                               Version
-----
7Zip                                7zip.7zip                        19.0.0
CutePDF Writer                      AcroSoftware.CutePDFWriter      4.0.0.2
GraphiQL                            AdamMiskiewicz.GraphiQL        0.7.2
AdobeDigitalEditions               Adobe.AdobeDigitalEditions     4.5.11
Brackets                            Adobe.Brackets                 1.14.2
AdoptOpenJDK 14.0.1+7.1 ...        AdoptOpenJDK.OpenJDK           14.0.1
File Converter (64 bit)             AdrianAllard.FileConverter      1.2.3
Cerebro                             AlexandrSubbotin.Cerebro        0.3.2
```

You'll find everything from popular Windows apps to developer tools
To manage the source, run:

```
winget source
```

You will see a list of commands. For example, to view current sources, run:

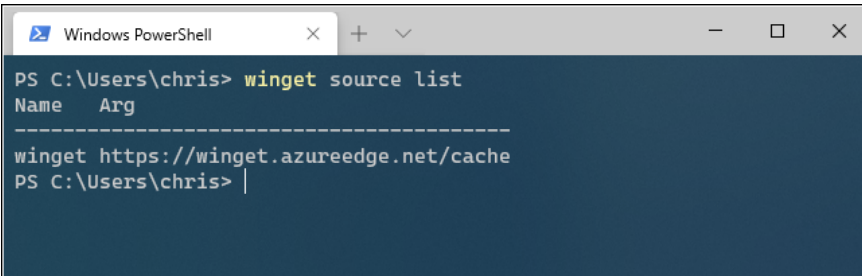
```
winget source list
```

In the original version of winget, there was only one integrated winget source operated by Microsoft, located at:

```
https://winget.azureedge.net/cache
```

In the future, you will be able to add third party sources with the command:

```
winget source add
```



```
PS C:\Users\chris> winget source list
Name  Arg
-----
winget https://winget.azureedge.net/cache
PS C:\Users\chris> |
```

In the future, you can add third party sources

You can see more information on using one of winget's integrated commands by adding `-?` For example, to see the various options you can use with the winget, run the following command:

```
winget search -?
```

Microsoft is sure to add additional features to the Windows Package Manager in the future and this tool will become more and more powerful.

You finished reading the article "**How to use winget - New Package Manager for Windows 10**" 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.

