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The winget source command

Article • 07/31/2024 • 8 contributors

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In this article

[Usage](#)

[Arguments](#)

[Options](#)

[Subcommands](#)

[Show 2 more](#)

The [winget](#) tool **source** command allows you to manage sources for Windows Package Manager. With the **source** command, you can **add**, **list**, **update**, **remove**, **reset**, or **export** repositories.

A source repository provides the data for you to discover and install applications. Only use secure, trusted source locations.

Windows Package Manager specifies the following two default repositories, which you can list by using `winget source list`.

- **msstore** - The Microsoft Store catalog.
- **winget** - The Windows Package Manager app repository.

Usage

```
winget source <subcommand> <options>
```

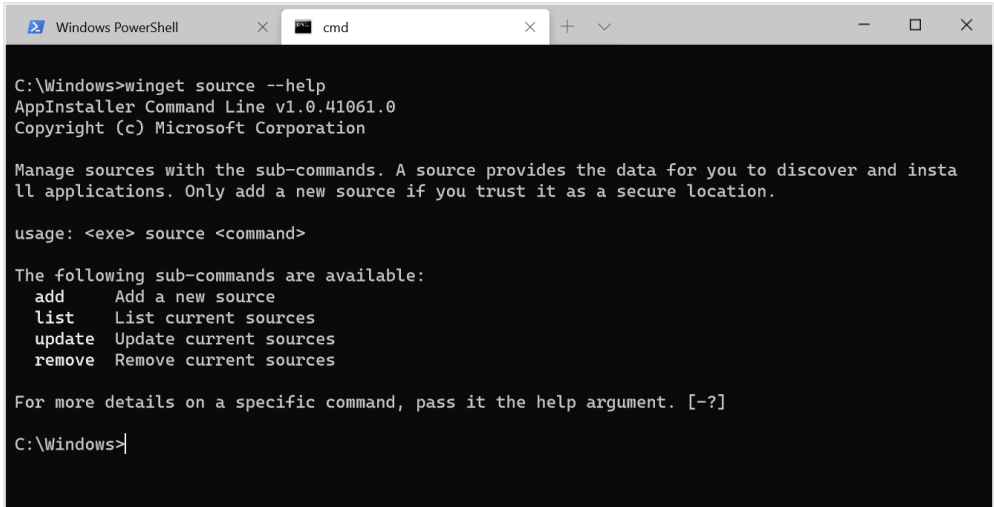
Arguments

The following arguments are available.

 Expand table

Argument	Description
-?, --help	Gets additional help on this command.

The following image shows **help** for the **source** command:



Options

The following options are available.

 Expand table

Option	Description
-?,--help	Shows help about the selected command.
--wait	Prompts the user to press any key before exiting.
--logs,--open-logs	Open the default logs location.
--verbose, --verbose-logs	Used to override the logging setting and create a verbose log.
--nowarn,--ignore-warnings	Suppresses warning outputs.
--disable-interactivity	Disable interactive prompts.
--proxy	Set a proxy to use for this execution.
--no-proxy	Disable the use of proxy for this execution.

Subcommands

The source command supports the following subcommands.

 Expand table

Subcommand	Description
add	Adds a new source.
list	Enumerates the list of enabled sources.
update	Updates a source.
remove	Removes a source.

reset	Resets winget and msstore back to the initial configuration.
export	Exports current sources.

add

The **add** subcommand adds a new source. This subcommand requires the **--name** and **--arg** options. Because the command changes user access, using **add** requires administrator privileges.

Usage:

```
winget source add [-n] <name> [-a] <arg> [[-t] <type>] [<opt>
```

Arguments

The following arguments are available.

 Expand table

Argument	Description
-n, --name	The name to identify the source by.
-a, --arg	The URL or UNC of the source.
-t, --type	The type of source.

Options

The following options are available.

 Expand table

Option	Description
--------	-------------

--trust-level	Trust level of the source (none or trusted).
--header	Optional Windows-Package-Manager REST source HTTP header.
--accept-source-agreements	Used to accept the source license agreement, and avoid the prompt.
--explicit	
-, --help	Get additional help on this command.
--wait	Prompts the user to press any key before exiting.
--logs,--open-logs	Open the default logs location.
--verbose, --verbose-logs	Used to override the logging setting and create a verbose log.
--nowarn,--ignore-warnings	Suppresses warning outputs.
--disable-interactivity	Disable interactive prompts.
--proxy	Set a proxy to use for this execution.
--no-proxy	Disable the use of proxy for this execution.

For example, `winget source add --name Contoso https://www.contoso.com/cache` adds the Contoso repository at URL `https://www.contoso.com/cache`.

Optional type parameter

The **add** subcommand supports the optional **type** parameter, which tells the client what type of repository it is connecting to. The following type is supported.

 Expand table

Type	Description
------	-------------

Microsoft.PreIndexed.Package	The default source type.
------------------------------	--------------------------

list

The **list** subcommand enumerates the currently enabled sources, or provides details on a specific source.

Usage:

```
winget source list [[-n] <name>] [<options>]
```

Aliases

The following aliases are available for this subcommand:

- ls

Arguments

The following arguments are available.

 Expand table

Argument	Description
-n, --name	The name to identify the source by.

Options

The following options are available.

 Expand table

Option	Description
--------	-------------

-?, --help	Get additional help on this command.
--wait	Prompts the user to press any key before exiting.
--logs,--open-logs	Open the default logs location.
--verbose, --verbose-logs	Used to override the logging setting and create a verbose log.
--nowarn,--ignore-warnings	Suppresses warning outputs.
--disable-interactivity	Disable interactive prompts.
--proxy	Set a proxy to use for this execution.
--no-proxy	Disable the use of proxy for this execution.

list all

The **list** subcommand by itself, `winget source list`, provides the complete list of supported sources:

```
Name    Arg
-----
winget  https://winget.azureedge.net/cache
```

list source details

To get complete details about a source, pass in the name of the source. For example:

```
winget source list --name Contoso
```

Returns the following output:

```
Name      : Contoso
Type      : Microsoft.PreIndexed.Package
Arg       : https://pkgmgr-int.azureedge.net/cache
Data      : AppInstallerSQLiteIndex-int_g4ype1skzj3jy
Updated:  2020-4-14 17:45:32.000
```

- `Name` is the name of the source.
- `Type` is the type of repo.
- `Arg` is the URL or path the source uses.
- `Data` is the optional package name, if appropriate.
- `Updated` is the last date and time the source was updated.

update

The **update** subcommand forces an update to an individual source, or to all sources.

Usage:

```
winget source update [[-n] <name>] [<options>]
```

Aliases

The following aliases are available for this subcommand:

- refresh

Arguments

The following arguments are available.

[Expand table](#)

Argument	Description
-n, --name	The name to identify the source by.

Options

The following options are available.

 Expand table

Option	Description
-, --help	Get additional help on this command.
--wait	Prompts the user to press any key before exiting.
--logs,--open-logs	Open the default logs location.
--verbose, --verbose-logs	Used to override the logging setting and create a verbose log.
--nowarn,--ignore-warnings	Suppresses warning outputs.
--disable-interactivity	Disable interactive prompts.
--proxy	Set a proxy to use for this execution.
--no-proxy	Disable the use of proxy for this execution.

update all

The **update** subcommand by itself, `winget source update`, requests updates to all repos.

update source

The **update** subcommand with the **--name** option directs an update to the named source. For example: `winget source update --name`

`contoso` forces an update to the Contoso repository.

remove

The **remove** subcommand removes a source. This subcommand requires the **--name** option to identify the source. Because the command changes user access, using **remove** requires administrator privileges.

Usage:

```
winget source remove [-n] <name> [<options>]
```

Aliases

The following aliases are available for this subcommand:

- `rm`

Arguments

The following arguments are available.

 Expand table

Argument	Description
<code>-n, --name</code>	The name to identify the source by.

Options

The following options are available.

 Expand table

Option	Description
-?, --help	Get additional help on this command.
--wait	Prompts the user to press any key before exiting.
--logs,--open-logs	Open the default logs location.
--verbose, --verbose-logs	Used to override the logging setting and create a verbose log.
--nowarn,--ignore-warnings	Suppresses warning outputs.
--disable-interactivity	Disable interactive prompts.
--proxy	Set a proxy to use for this execution.
--no-proxy	Disable the use of proxy for this execution.

Examples

```
winget source remove --name Contoso
```

This command removes the Contoso repository.

reset

The **reset** subcommand resets the client back to its original configuration, and removes all sources except the default. Only use this subcommand in rare cases. Because the command changes user access, using **reset** requires administrator privileges.

Because the **reset** command removes all sources, you must force the action by using the **--force** option.

Usage:

```
winget source reset [[-n] <name>] [<options>]
```

Arguments


The following arguments are available.

 Expand table

Argument	Description
-n, --name	The name to identify the source by.

Options

The following options are available.

 Expand table

Option	Description
--force	Forces the reset of the sources.
-, --help	Get additional help on this command.
--wait	Prompts the user to press any key before exiting.
--logs,--open-logs	Open the default logs location.
--verbose, --verbose-logs	Used to override the logging setting and create a verbose log.
--nowarn,--ignore-warnings	Suppresses warning outputs.
--disable-interactivity	Disable interactive prompts.
--proxy	Set a proxy to use for this execution.

<code>--no-proxy</code>	Disable the use of proxy for this execution.
-------------------------	--

export


The **export** sub-command exports the specific details for a source to JSON output.

Usage:

```
winget source export [[-n] <name>] [<options>]
```

Arguments


The following arguments are available.

 Expand table

Argument	Description
<code>-n, --name</code>	The name to identify the source by.

Options

The following options are available.

 Expand table

Option	Description
<code>-, --help</code>	Get additional help on this command.
<code>--wait</code>	Prompts the user to press any key before exiting.
<code>--logs,--open-logs</code>	Open the default logs location.

--verbose, --verbose-logs	Used to override the logging setting and create a verbose log.
--nowarn,--ignore-warnings	Suppresses warning outputs.
--disable-interactivity	Disable interactive prompts.
--proxy	Set a proxy to use for this execution.
--no-proxy	Disable the use of proxy for this execution.

Examples

```
winget source export winget
```

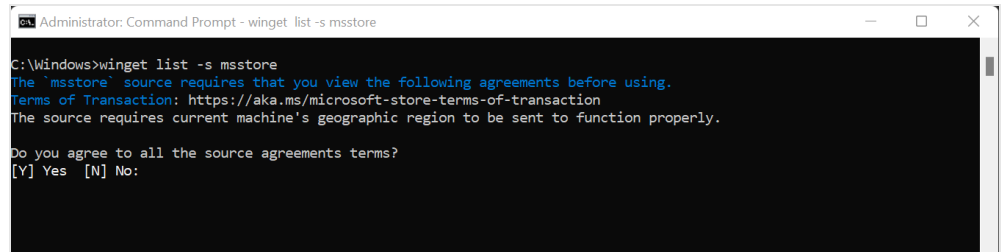
Returns the following output:

```
{"Arg":"https://winget.azureedge.net/cache","Data":"Microsof
```

Source agreement

An individual **source** might request that the user agree to the terms presented before adding or using the repository. If a user doesn't accept or acknowledge the agreement, they won't be able to access the source.

You can use the **--accept-source-agreements** option to accept the source license agreement and avoid the prompt.



```
Administrator: Command Prompt - winget list -s msstore
C:\Windows>winget list -s msstore
The 'msstore' source requires that you view the following agreements before using.
Terms of Transaction: https://aka.ms/microsoft-store-terms-of-transaction
The source requires current machine's geographic region to be sent to function properly.

Do you agree to all the source agreements terms?
[Y] Yes [N] No:
```

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