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The winget source command

Article • 07/31/2024 • 8 contributors

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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

Windows Command Prompt

Copy

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:

Windows PowerShellcmd

```
C:\Windows>winget source --help
AppInstaller Command Line v1.0.41061.0
Copyright (c) Microsoft Corporation

Manage sources with the sub-commands. A source provides the data for you to discover and install applications. Only add a new source if you trust it as a secure location.

usage: <exe> source <command>

The following sub-commands are available:
  add      Add a new source
  list     List current sources
  update   Update current sources
  remove   Remove current sources

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

C:\Windows>
```

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:

Windows Command PromptCopy

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

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:

Windows Command Prompt

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

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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:

Output		 Copy
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:

Windows Command Prompt		 Copy
winget source list --name Contoso		

Returns the following output:

Output		 Copy
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:

Windows Command PromptCopy

```
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:

Windows Command PromptCopy

```
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
-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.

Examples

Windows Command PromptCopy

```
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:

Windows Command PromptCopy

```
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.
--no-proxy	Disable the use of proxy for this execution.

export

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

Usage:

Windows Command Prompt

Copy

```
winget source export [[-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
-, --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

Windows Command Prompt

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```
winget source export winget
```

Returns the following output:

Output

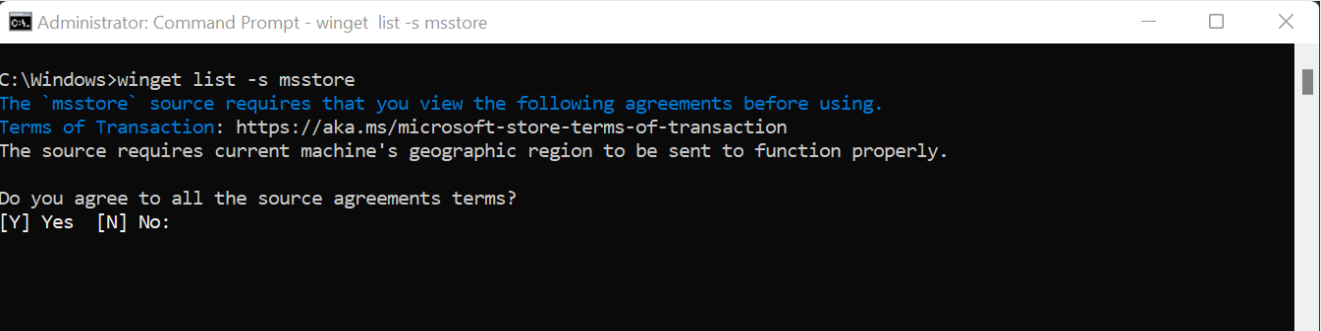
Copy

```
{"Arg": "https://winget.azureedge.net/cache", "Data": "Microsoft.Winget.Source_8wekyb3d8bbwe"}
```

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.




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