# WinGet Windows package manager

## CONCEPTS

A query matches name, ID and moniker as a case-insensitive substring. <id> below works as a plain query; add --id and -e when several packages match.

**Source** winget, msstore
↓ search
**Manifest** ID, versions, installers
↓ install
**Installer** msi, exe, msix, zip
↓ runs
**Installed app** Apps & features

list and upgrade also see apps installed by other means (Apps & features), not only those winget installed.

## FIND PACKAGES

`winget search <text>`
Search all sources

`winget search --id <text>`
Match the package ID only

`winget show <id>`
Details, homepage, installer URL

`winget show <id> --versions`
List available versions

## INSTALL

`winget install <query>`
Install the single matching package

`winget install --id <id> -e`
Install by exact ID

`winget install <id1> <id2> <id3>`
Install several packages in one go

`winget install <id> -v <version>`
Install a specific version

`winget install <id> -s winget`
Pick the source when IDs clash

`winget install <id> --scope user`
Install for current user only

`winget install <id> -h`
Silent install, no installer UI

## INSTALL (cont.)

`winget install <storeid> -s msstore`
Install a Store app by its ID

`winget download <id>`
Download the installer only

## INSTALLED AND UPGRADES

`winget list`
List installed apps

`winget list <query>`
Filter installed apps

`winget list --upgrade-available`
Only apps with an update

`winget upgrade`
Show available upgrades

`winget upgrade <id>`
Upgrade one package

`winget upgrade --all`
Upgrade every package

`winget upgrade --all --include-unknown`
Also apps with unknown version

`winget upgrade --all -h`
Upgrade everything silently

## UNINSTALL AND REPAIR

`winget uninstall <query>`
Uninstall a matching app

`winget uninstall --id <id> -e`
Uninstall by exact ID

`winget uninstall <id> -s winget`
Avoid the Store agreement prompt

`winget repair <id>`
Repair a broken install

## PINS

`winget pin add <id>`
Skip in upgrade --all

`winget pin add <id> --blocking`
Block every upgrade

`winget pin add <id> -v 1.2.*`
Gate to a version range

## PINS (cont.)

`winget pin list`
Show current pins

`winget pin remove <id>`
Remove a pin

## EXPORT, IMPORT, CONFIGURE

`winget export -o <file.json>`
Write installed apps to JSON

`winget import -i <file.json>`
Install everything in the file

`winget import -i <file.json> --ignore-unavailable`
Skip packages that are not found

`winget configure -f <file.winget>`
Apply a configuration file

## SOURCES

`winget source list`
Show configured sources

`winget source update`
Refresh all source indexes

Defaults: winget (community repository), msstore (Microsoft Store) and winget-font. winget-font is explicit, so target it with -s winget-font.

## SETTINGS AND DIAGNOSTICS

`winget --info`
Version, paths, group policies

`winget settings`
Open settings.json in an editor

`--disable-interactivity`
Any command: never prompt

`--accept-source-agreements`
Accept source terms without a prompt

`--accept-package-agreements`
Accept package licences without a prompt

## RECIPES

### Move apps to a new PC

```
winget export -o apps.json
# on the new machine
winget import -i apps.json `
  --ignore-unavailable `
  --accept-package-agreements
```