# 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
```