

Microsoft Windows Package Manager (WinGet)


Microsoft winget is a new command line driven interface to access the msstore repository. It works very similarly to something like apt-get if you have ever used that in a Linux environment. In FileWave 15.4 we have introduced direct integration with WinGet to make software deployments easier.

- [Microsoft WinGet Overview](#)
- [Finding packages in the WinGet Repository](#)
- [Installing a package with WinGet](#)
- [Upgrading a package with WinGet](#)
- [Uninstalling a package with WinGet](#)
- [Troubleshooting Errors with WinGet](#)

Microsoft WinGet Overview

What

Microsoft Windows Package Manager, known as WinGet, is a tool that simplifies discovering, installing, upgrading, and configuring software packages on Windows 10 and 11. It operates through a command-line interface, enabling efficient software management. Integrating WinGet with FileWave allows administrators to leverage WinGet's capabilities within the FileWave ecosystem, enhancing software deployment and management across Windows devices. This integration streamlines IT operations, reduces manual effort, and ensures consistent software configurations across all managed Windows devices.

 Note that FileWave 15.4 or later is required.

When/Why

Deploying applications available via Microsoft WinGet was already possible using FileWave, but it originally required script manipulation and some steps to set up properly. FileWave 15.4 introduces a much simpler way to deploy applications to Windows devices.

How

Welcome to the new WinGet Fileset: A new search assistant allows you to create a WinGet Fileset by searching for the name of the application you want to deploy.

- WinGet will be automatically installed or updated if required
- With FileWave 15.4.0, the most recent package will always be installed at initial deployment
- You can define if the package will be upgraded at verify if a new version is available
- You can define if the package will be uninstalled if the association is removed - in case the package allows silent uninstallation

To get started just follow these steps:

- [Finding packages in the WinGet repository](#)
- [Installing a package with WinGet](#)
- [Upgrading a package with WinGet](#)
- [Uninstalling a package with WinGet](#)

Related Content

- [Troubleshooting Errors with WinGet](#)
- [Desktop Filesets](#)

Finding packages in the WinGet Repository

What

WinGet is a command line tool to manage applications on the Windows platform.

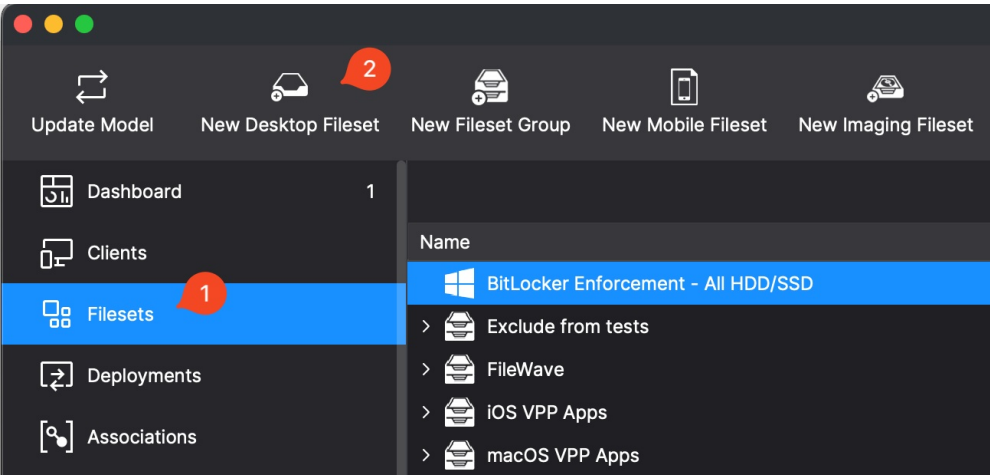
Note that FileWave 15.4 or later is required.

When/Why

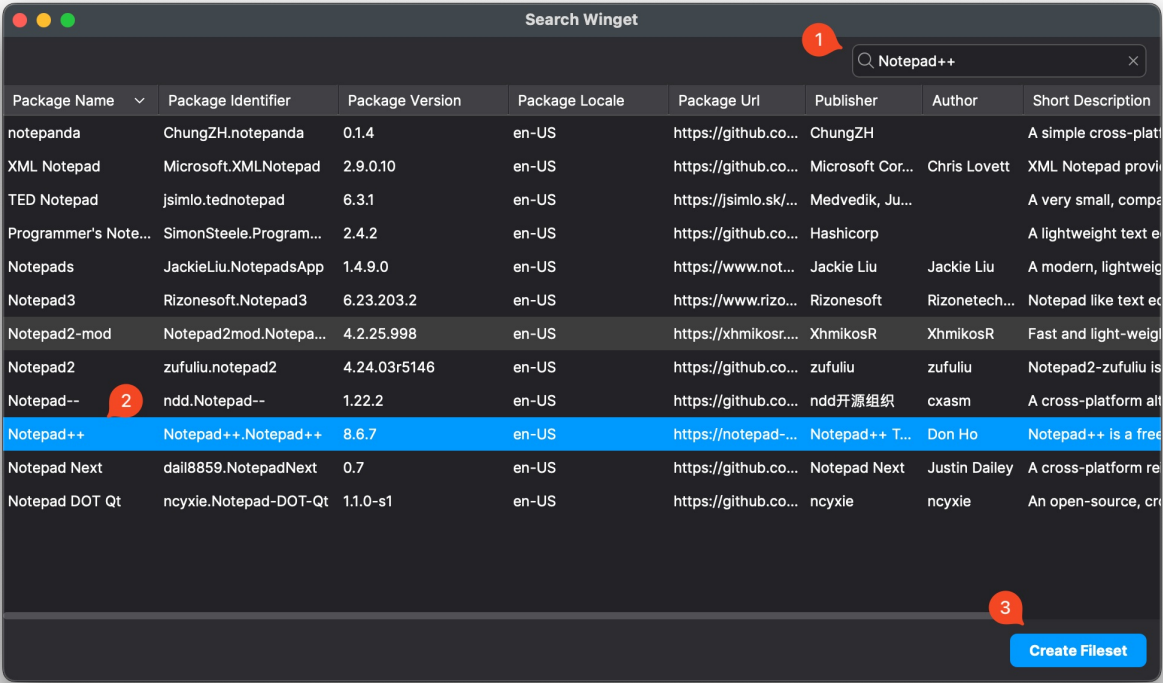
WinGet will install software. But, to do so, we'll need to see if the package we are looking for is in the repository.

How

In FileWave Central click on "New Desktop Fileset" when in the Filesets window and then pick "Winget" as the type of Fileset.



The results will show as below, and what we are most interested in is the unique identifier (Id):



In our case, since we want Notepad++ to deploy. Clicking Create Fileset will make it.

Installing a package with WinGet

What

WinGet is a command line tool to manage applications on the Windows 10 and 11 platform.

 Note that FileWave 15.4 or later is required.

When/Why


We'll certainly want to use WinGet to push software to our devices, and we can do that rather nicely in a FileWave Fileset/Payload.

 Similarly to other platforms where installs are coming directly from a CDN source, any software installed in this method will bypass FileWave Boosters since the content is coming straight from the internet.

How

In our previous article, we looked at how we can find and uniquely identify a specific package to install ([here](#)). Once we have something that we want to deploy, it is rather simple to install an application, as you'll see.

You can now create an [Association](#) or [Deployment](#) to distribute it. That's all there is to it.

 Note that some applications may have icons deployed and some may not deploy icons in all the same places like Start Menu, Desktop, etc. It's up to the application publisher to select these things.

Consider reading [Upgrading a package with WinGet](#) and [Uninstalling a package with WinGet](#) as you step in to the full lifecycle of software installs.

If you run into an error, there is information in [Troubleshooting Errors with WinGet](#) to help understand the error codes.

Upgrading a package with WinGet

What

WinGet is a command line tool to manage applications on the Windows platform.

Note that FileWave 15.4 or later is required.

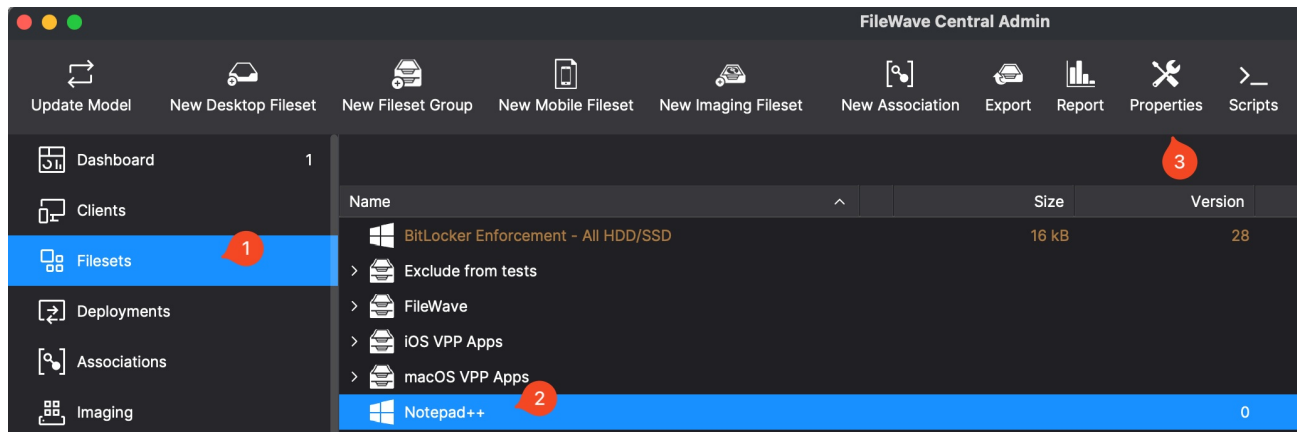
When/Why

Of course, installing a package is only the beginning. After we initially install any package, we'll have to come back from time to time to update that application for security and feature updates.

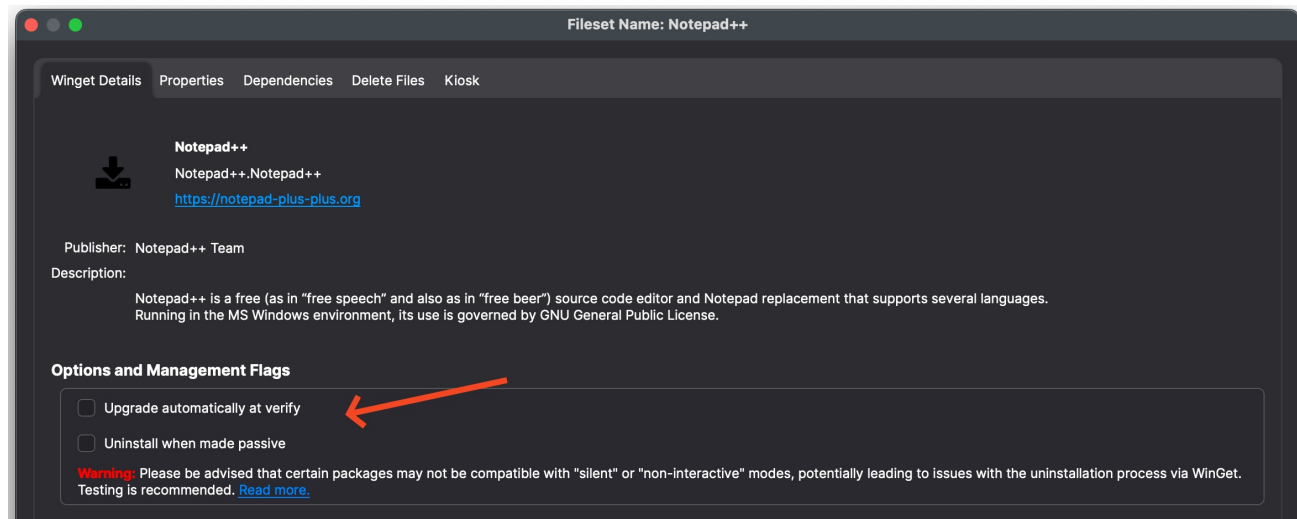
Similarly to other platforms where installs are coming directly from a CDN source, any software installed in this method will bypass FileWave Boosters since the content is coming straight from the internet.

How

Now that the Fileset is created you can consider the possible settings. Clicking the Fileset and then Properties in the toolbar will bring you to the possible settings.



Below is the properties dialog for the Fileset.



Things to consider on the properties dialog:

- Name - Is it the name you expected?
- URL - The publisher of the software. Go there and confirm it is what you expected.
- Upgrade automatically at verify - Do you want the system to check for an update every 24 hours and install it at system boot?

If you check the Upgrade automatically at verify it will always update to the latest version of the application when it releases. Most people will probably want this checked. If you set the option for Upgrade automatically at verify and later change it and do a Model Update then devices will receive that change and honor it.

Uninstalling a package with WinGet

What

WinGet is a command line tool to manage applications on the Windows 10 and 11 platform.

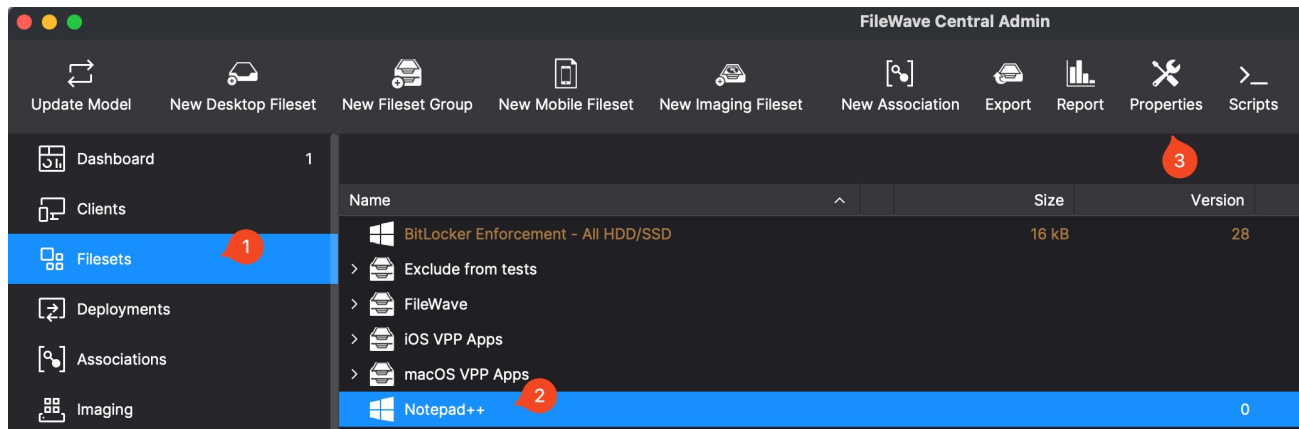
Note that FileWave 15.4 or later is required.

When/Why

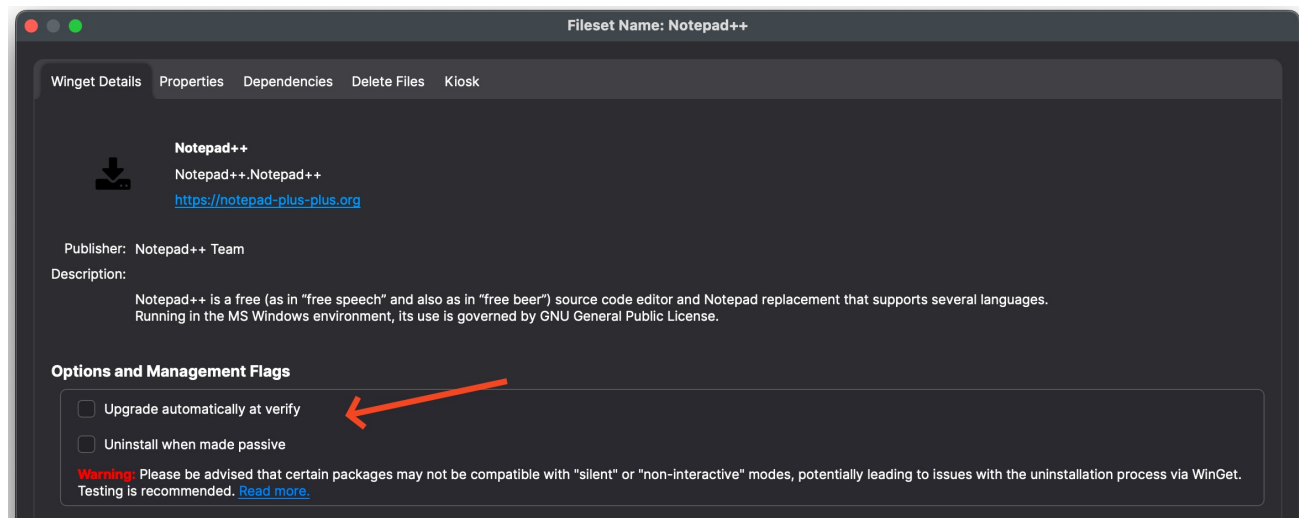
After we initially install any package, we most likely will have reason to uninstall it at some point...and we can use this very practically in a pre or post-uninstall script within a payload/fileset.

How

The process for removing a package is very similar to our installation and upgrade code, and equally simple. We'll use WinGet to remove a previously installed package. Clicking the Fileset and then Properties in the toolbar will bring you to the settings which will control if a WinGet application is removed by breaking the Association or Deployment.



Below is the properties dialog for the Fileset.



Things to consider on the properties dialog:

- Name - Is it the name you expected?
- URL - The publisher of the software. Go there and confirm it is what you expected.
- Uninstall when made passive - Do you want it to uninstall when the Association or Deployment is removed? Checking this box will make it so that if the Association or Deployment is removed in the future, the software should silently uninstall.

Keep in mind that some software does not silently uninstall so you should always test if you are going to enable this option. The uninstall functionality is up to the software vendor to implement properly. What our testing has found, though, is that the uninstall will only be "silent" if the 3rd party includes a QuietUninstallString in

HKLM/Software/Microsoft/Windows/CurrentVersion/Uninstall. In the case of Firefox, Mozilla provides no such string...they only provide an UninstallString, which does prompt. So, "silent" in this case is not silent. As always, testing of these items before production rollout is always recommended.

Digging Deeper

You may be asking yourself can I make the uninstall silent if it isn't? Yes, probably. In the case of Firefox for instance, the uninstall string calls an executable called helper.exe. That executable, though, when run with a /S flag, will actually uninstall the application silently. So the command to do this could be placed into an Activation script on a separate Fileset to accomplish it instead of using the WinGet command if you find you need to solve for this.

Troubleshooting Errors with WinGet

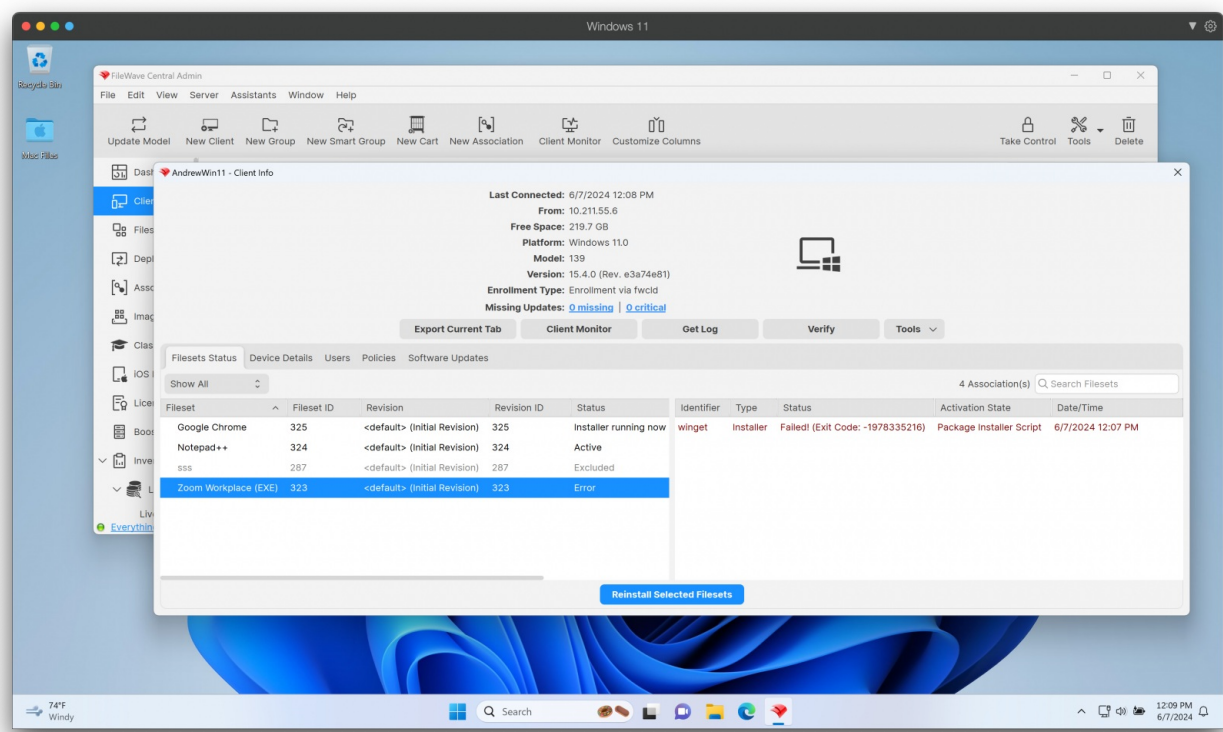
What

WinGet is a command line tool to manage applications on the Windows 10 and 11 platform.

Note that FileWave 15.4 or later is required.

When/Why

After we initially install any package there may be an error. This will offer some reasons for those errors.



How

Microsoft provides some documentation on error codes. They are pasted below but also a link to them is included in [Related Content](#) below the tables.

Return Codes

General Errors

| Hex | Decimal | Symbol | Description |
|------------|-------------|-------------------------------------------------------|--------------------------------|
| 0x8A150001 | -1978335231 | APPINSTALLER_CLI_ERROR_INTERNAL_ERROR | Internal Error |
| 0x8A150002 | -1978335230 | APPINSTALLER_CLI_ERROR_INVALID_COMMAND_LINE_ARGUMENTS | Invalid command line arguments |
| 0x8A150003 | -1978335229 | APPINSTALLER_CLI_ERROR_COMMAND_FAILED | Executing command failed |
| 0x8A150004 | -1978335228 | APPINSTALLER_CLI_ERROR_MANIFEST_FAILED | Opening manifest failed |
| 0x8A150005 | -1978335227 | APPINSTALLER_CLI_ERROR_CTRL_SIGNAL_RECEIVED | Cancellation signal received |
| 0x8A150006 | -1978335226 | APPINSTALLER_CLI_ERROR_SHELL_EXECUTE_FAILED | Running ShellExecute failed |

| | | | |
|------------|-------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 0x8A150007 | -1978335225 | APPINSTALLER_CLI_ERROR_UNSPORTED_MANIFESTVERSION | Cannot process manifest. The manifest version is higher than supported. Please update the client. |
| 0x8A150008 | -1978335224 | APPINSTALLER_CLI_ERROR_DOWNLOAD_FAILED | Downloading installer failed |
| 0x8A150009 | -1978335223 | APPINSTALLER_CLI_ERROR_CANNOT_WRITE_TO_UPLEVEL_INDEX | Cannot write to index; it is a higher schema version |
| 0x8A15000A | -1978335222 | APPINSTALLER_CLI_ERROR_INDEX_INTEGRITY_COMPROMISED | The index is corrupt |
| 0x8A15000B | -1978335221 | APPINSTALLER_CLI_ERROR_SOURCES_INVALID | The configured source information is corrupt |
| 0x8A15000C | -1978335220 | APPINSTALLER_CLI_ERROR_SOURCE_NAME_ALREADY_EXISTS | The source name is already configured |
| 0x8A15000D | -1978335219 | APPINSTALLER_CLI_ERROR_INVALID_SOURCE_TYPE | The source type is invalid |
| 0x8A15000E | -1978335218 | APPINSTALLER_CLI_ERROR_PACKAGE_IS_BUNDLE | The MSIX file is a bundle, not a package |
| 0x8A15000F | -1978335217 | APPINSTALLER_CLI_ERROR_SOURCE_DATA_MISSING | Data required by the source is missing |
| 0x8A150010 | -1978335216 | APPINSTALLER_CLI_ERROR_NO_APPLICABLE_INSTALLER | None of the installers are applicable for the current system |
| 0x8A150011 | -1978335215 | APPINSTALLER_CLI_ERROR_INSTALLER_HASH_MISMATCH | The installer file's hash does not match the manifest |
| 0x8A150012 | -1978335214 | APPINSTALLER_CLI_ERROR_SOURCE_NAME_DOES_NOT_EXIST | The source name does not exist |
| 0x8A150013 | -1978335213 | APPINSTALLER_CLI_ERROR_SOURCE_ARG_ALREADY_EXISTS | The source location is already configured under another name |
| 0x8A150014 | -1978335212 | APPINSTALLER_CLI_ERROR_NO_APPLICATIONS_FOUND | No packages found |
| 0x8A150015 | -1978335211 | APPINSTALLER_CLI_ERROR_NO_SOURCES_DEFINED | No sources are configured |
| 0x8A150016 | -1978335210 | APPINSTALLER_CLI_ERROR_MULTIPLE_APPLICATIONS_FOUND | Multiple packages found matching the criteria |
| 0x8A150017 | -1978335209 | APPINSTALLER_CLI_ERROR_NO_MANIFEST_FOUND | No manifest found matching the criteria |
| 0x8A150018 | -1978335208 | APPINSTALLER_CLI_ERROR_EXTENSION_PUBLIC_FAILED | Failed to get Public folder from source package |
| 0x8A150019 | -1978335207 | APPINSTALLER_CLI_ERROR_COMMAND_REQUIRES_ADMIN | Command requires administrator privileges to run |
| 0x8A15001A | -1978335206 | APPINSTALLER_CLI_ERROR_SOURCE_NOT_SECURE | The source location is not secure |
| 0x8A15001B | -1978335205 | APPINSTALLER_CLI_ERROR_MSISTORE_BLOCKED_BY_POLICY | The Microsoft Store client is blocked by policy |
| 0x8A15001C | -1978335204 | APPINSTALLER_CLI_ERROR_MSISTORE_APP_BLOCKED_BY_POLICY | The Microsoft Store app is blocked by policy |
| 0x8A15001D | -1978335203 | APPINSTALLER_CLI_ERROR_EXPERIMENTAL_FEATURE_DISABLED | The feature is currently under development. It can be enabled using winget settings. |
| 0x8A15001E | -1978335202 | APPINSTALLER_CLI_ERROR_MSISTORE_INSTALL_FAILED | Failed to install the Microsoft Store app |
| 0x8A15001F | -1978335201 | APPINSTALLER_CLI_ERROR_COMPLETION_INPUT_BAD | Failed to perform auto complete |
| 0x8A150020 | -1978335200 | APPINSTALLER_CLI_ERROR_YAML_INIT_FAILED | Failed to initialize YAML parser |
| 0x8A150021 | -1978335199 | APPINSTALLER_CLI_ERROR_YAML_INVALID_MAPPING_KEY | Encountered an invalid YAML key |
| 0x8A150022 | -1978335198 | APPINSTALLER_CLI_ERROR_YAML_DUPLICATE_MAPPING_KEY | Encountered a duplicate YAML key |
| 0x8A150023 | -1978335197 | APPINSTALLER_CLI_ERROR_YAML_INVALID_OPERATION | Invalid YAML operation |
| 0x8A150024 | -1978335196 | APPINSTALLER_CLI_ERROR_YAML_DOC_BUILD_FAILED | Failed to build YAML doc |
| 0x8A150025 | -1978335195 | APPINSTALLER_CLI_ERROR_YAML_INVALID_EMITTER_STATE | Invalid YAML emitter state |
| 0x8A150026 | -1978335194 | APPINSTALLER_CLI_ERROR_YAML_INVALID_DATA | Invalid YAML data |
| 0x8A150027 | -1978335193 | APPINSTALLER_CLI_ERROR_LIBYAML_ERROR | LibYAML error |

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|------------|-------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 0x8A150028 | -1978335192 | APPINSTALLER_CLI_ERROR_MANIFEST_VALIDATION_WARNING | Manifest validation succeeded with warning |
| 0x8A150029 | -1978335191 | APPINSTALLER_CLI_ERROR_MANIFEST_VALIDATION_FAILURE | Manifest validation failed |
| 0x8A15002A | -1978335190 | APPINSTALLER_CLI_ERROR_INVALID_ID_MANIFEST | Manifest is invalid |
| 0x8A15002B | -1978335189 | APPINSTALLER_CLI_ERROR_UPDATE_NOT_APPLICABLE | No applicable update found |
| 0x8A15002C | -1978335188 | APPINSTALLER_CLI_ERROR_UPDATE_ALL_HAS_FAILURE | winget upgrade --all completed with failures |
| 0x8A15002D | -1978335187 | APPINSTALLER_CLI_ERROR_INSTALLER_SECURITY_CHECK_FAILED | Installer failed security check |
| 0x8A15002E | -1978335186 | APPINSTALLER_CLI_ERROR_DOWNLOAD_SIZE_MISMATCH | Download size does not match expected content length |
| 0x8A15002F | -1978335185 | APPINSTALLER_CLI_ERROR_NO_UNINSTALL_INFO_FOUND | Uninstall command not found |
| 0x8A150030 | -1978335184 | APPINSTALLER_CLI_ERROR_EXECUTE_UNINSTALL_COMMAND_FAILED | Running uninstall command failed |
| 0x8A150031 | -1978335183 | APPINSTALLER_CLI_ERROR_ICU_BREAK_ITERATOR_ERROR | ICU break iterator error |
| 0x8A150032 | -1978335182 | APPINSTALLER_CLI_ERROR_ICU_CASEMAP_ERROR | ICU casemap error |
| 0x8A150033 | -1978335181 | APPINSTALLER_CLI_ERROR_ICU_REGEX_ERROR | ICU regex error |
| 0x8A150034 | -1978335180 | APPINSTALLER_CLI_ERROR_IMPORT_INSTALL_FAILED | Failed to install one or more imported packages |
| 0x8A150035 | -1978335179 | APPINSTALLER_CLI_ERROR_NOT_ALL_PACKAGES_FOUND | Could not find one or more requested packages |
| 0x8A150036 | -1978335178 | APPINSTALLER_CLI_ERROR_JSON_INVALID_FILE | Json file is invalid |
| 0x8A150037 | -1978335177 | APPINSTALLER_CLI_ERROR_SOURCE_NOT_REMOTE | The source location is not remote |
| 0x8A150038 | -1978335176 | APPINSTALLER_CLI_ERROR_UNSUPPORTED_RESTSOURCE | The configured rest source is not supported |
| 0x8A150039 | -1978335175 | APPINSTALLER_CLI_ERROR_RESTSOURCE_INVALID_DATA | Invalid data returned by rest source |
| 0x8A15003A | -1978335174 | APPINSTALLER_CLI_ERROR_BLOCKED_BY_POLICY | Operation is blocked by Group Policy |
| 0x8A15003B | -1978335173 | APPINSTALLER_CLI_ERROR_REST_API_INTERNAL_ERROR | Rest API internal error |
| 0x8A15003C | -1978335172 | APPINSTALLER_CLI_ERROR_RESTSOURCE_INVALID_URL | Invalid rest source url |
| 0x8A15003D | -1978335171 | APPINSTALLER_CLI_ERROR_REST_API_UNSUPPORTED_MIME_TYPE | Unsupported MIME type returned by rest API |
| 0x8A15003E | -1978335170 | APPINSTALLER_CLI_ERROR_RESTSOURCE_INVALID_VERSION | Invalid rest source contract version |
| 0x8A15003F | -1978335169 | APPINSTALLER_CLI_ERROR_SOURCE_DATA_INTEGRITY_FAILURE | The source data is corrupted or tampered |
| 0x8A150040 | -1978335168 | APPINSTALLER_CLI_ERROR_STREAM_READ_FAILURE | Error reading from the stream |
| 0x8A150041 | -1978335167 | APPINSTALLER_CLI_ERROR_PACKAGE_AGREEMENTS_NOT_ACCEPTED | Package agreements were not agreed to |
| 0x8A150042 | -1978335166 | APPINSTALLER_CLI_ERROR_PROMPT_INPUT_ERROR | Error reading input in prompt |
| 0x8A150043 | -1978335165 | APPINSTALLER_CLI_ERROR_UNSUPPORTED_SOURCE_REQUEST | The search request is not supported by one or more sources |
| 0x8A150044 | -1978335164 | APPINSTALLER_CLI_ERROR_REST_API_ENDPOINT_NOT_FOUND | The rest API endpoint is not found. |
| 0x8A150045 | -1978335163 | APPINSTALLER_CLI_ERROR_SOURCE_OPEN_FAILED | Failed to open the source. |
| 0x8A150046 | -1978335162 | APPINSTALLER_CLI_ERROR_SOURCE_AGREEMENTS_NOT_ACCEPTED | Source agreements were not agreed to |
| 0x8A150047 | -1978335161 | APPINSTALLER_CLI_ERROR_CUSTOM_HEADER_EXCEEDS_MAXLENGTH | Header size exceeds the allowable limit of 1024 characters. Please reduce the size and try again. |
| 0x8A150048 | -1978335160 | APPINSTALLER_CLI_ERROR_MISSING_RESOURCE_FILE | Missing resource file |
| 0x8A150049 | -1978335159 | APPINSTALLER_CLI_ERROR_MSI_INSTALL_FAILED | Running MSI install failed |

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|------------|-------------|-------------------------------------------------------------|------------------------------------------------------------------|
| 0x8A15004A | -1978335158 | APPINSTALLER_CLI_ERROR_INVALID_ID_MSIEEXEC_ARGUMENT | Arguments for msieexec are invalid |
| 0x8A15004B | -1978335157 | APPINSTALLER_CLI_ERROR_FAILED_TO_OPEN_ALL_SOURCES | Failed to open one or more sources |
| 0x8A15004C | -1978335156 | APPINSTALLER_CLI_ERROR_DEPENDENCIES_VALIDATION_FAILED | Failed to validate dependencies |
| 0x8A15004D | -1978335155 | APPINSTALLER_CLI_ERROR_MISSING_PACKAGE | One or more package is missing |
| 0x8A15004E | -1978335154 | APPINSTALLER_CLI_ERROR_INVALID_ID_TABLE_COLUMN | Invalid table column |
| 0x8A15004F | -1978335153 | APPINSTALLER_CLI_ERROR_UPGRADE_VERSION_NOT_NEWER | The upgrade version is not newer than the installed version |
| 0x8A150050 | -1978335152 | APPINSTALLER_CLI_ERROR_UPGRADE_VERSION_UNKNOWN | Upgrade version is unknown and override is not specified |
| 0x8A150051 | -1978335151 | APPINSTALLER_CLI_ERROR_ICU_CONVERSION_ERROR | ICU conversion error |
| 0x8A150052 | -1978335150 | APPINSTALLER_CLI_ERROR_PORTABLE_INSTALL_FAILED | Failed to install portable package |
| 0x8A150053 | -1978335149 | APPINSTALLER_CLI_ERROR_PORTABLE_REPARSE_POINT_NOT_SUPPORTED | Volume does not support reparse points. |
| 0x8A150054 | -1978335148 | APPINSTALLER_CLI_ERROR_PORTABLE_PACKAGE_ALREADY_EXISTS | Portable package from a different source already exists. |
| 0x8A150055 | -1978335147 | APPINSTALLER_CLI_ERROR_PORTABLE_SYMLINK_PATH_IS_DIRECTORY | Unable to create symlink, path points to a directory. |
| 0x8A150056 | -1978335146 | APPINSTALLER_CLI_ERROR_INSTALLER_PROHIBITS_ELEVATION | The installer cannot be run from an administrator context. |
| 0x8A150057 | -1978335145 | APPINSTALLER_CLI_ERROR_PORTABLE_UNINSTALL_FAILED | Failed to uninstall portable package |
| 0x8A150058 | -1978335144 | APPINSTALLER_CLI_ERROR_ARS_VERSION_VALIDATION_FAILED | Failed to validate DisplayVersion values against index. |
| 0x8A150059 | -1978335143 | APPINSTALLER_CLI_ERROR_UNSUPPORTED_ARGUMENT | One or more arguments are not supported. |
| 0x8A15005A | -1978335142 | APPINSTALLER_CLI_ERROR_BIND_WITH_EMBEDDED_NULL | Embedded null characters are disallowed for SQLite |
| 0x8A15005B | -1978335141 | APPINSTALLER_CLI_ERROR_NESTED_INSTALLER_NOT_FOUND | Failed to find the nested installer in the archive. |
| 0x8A15005C | -1978335140 | APPINSTALLER_CLI_ERROR_EXTRACT_ARCHIVE_FAILED | Failed to extract archive. |
| 0x8A15005D | -1978335139 | APPINSTALLER_CLI_ERROR_NESTED_INSTALLER_INVALID_PATH | Invalid relative file path to nested installer provided. |
| 0x8A15005E | -1978335138 | APPINSTALLER_CLI_ERROR_PINNED_CERTIFICATE_MISMATCH | The server certificate did not match any of the expected values. |
| 0x8A15005F | -1978335137 | APPINSTALLER_CLI_ERROR_INSTALL_LOCATION_REQUIRED | Install location must be provided. |
| 0x8A150060 | -1978335136 | APPINSTALLER_CLI_ERROR_ARCHIVE_SCAN_FAILED | Archive malware scan failed. |
| 0x8A150061 | -1978335135 | APPINSTALLER_CLI_ERROR_PACKAGE_ALREADY_INSTALLED | Found at least one version of the package installed. |
| 0x8A150062 | -1978335134 | APPINSTALLER_CLI_ERROR_PIN_ALREADY_EXISTS | A pin already exists for the package. |
| 0x8A150063 | -1978335133 | APPINSTALLER_CLI_ERROR_PIN_DOES_NOT_EXIST | There is no pin for the package. |
| 0x8A150064 | -1978335132 | APPINSTALLER_CLI_ERROR_CANNOT_OPEN_PINNING_INDEX | Unable to open the pin database. |
| 0x8A150065 | -1978335131 | APPINSTALLER_CLI_ERROR_MULTIPLE_INSTALL_FAILED | One or more applications failed to install |
| 0x8A150066 | -1978335130 | APPINSTALLER_CLI_ERROR_MULTIPLE_UNINSTALL_FAILED | One or more applications failed to uninstall |
| 0x8A150067 | -1978335129 | APPINSTALLER_CLI_ERROR_NOT_A_LL_QUERIES_FOUND_SINGLE | One or more queries did not return exactly one match |
| 0x8A150068 | -1978335128 | APPINSTALLER_CLI_ERROR_PACKAGE_IS_PINNED | The package has a pin that prevents upgrade. |
| 0x8A150069 | -1978335127 | APPINSTALLER_CLI_ERROR_PACKAGE_IS_STUB | The package currently installed is the stub package |
| 0x8A15006A | -1978335126 | APPINSTALLER_CLI_ERROR_APPLICATION_SHUTDOWN_SIGNAL_RECEIVED | Application shutdown signal received |

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|------------|-------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 0x8A15006B | -1978335125 | APPINSTALLER_CLI_ERROR_DOWN LOAD_DEPENDENCIES | Failed to download package dependencies. |
| 0x8A15006C | -1978335124 | APPINSTALLER_CLI_ERROR_DOWN LOAD_COMMAND_PROHIBITED | Failed to download package. Download for offline installation is prohibited. |
| 0x8A15006D | -1978335123 | APPINSTALLER_CLI_ERROR_SERVI CE_UNAVAILABLE | A required service is busy or unavailable. Try again later. |
| 0x8A15006E | -1978335122 | APPINSTALLER_CLI_ERROR_RESU ME_ID_NOT_FOUND | The guid provided does not correspond to a valid resume state. |
| 0x8A15006F | -1978335121 | APPINSTALLER_CLI_ERROR_CLIEN T_VERSION_MISMATCH | The current client version did not match the client version of the saved state. |
| 0x8A150070 | -1978335120 | APPINSTALLER_CLI_ERROR_INVAL ID_RESUME_STATE | The resume state data is invalid. |
| 0x8A150071 | -1978335119 | APPINSTALLER_CLI_ERROR_CANN OT_OPEN_CHECKPOINT_INDEX | Unable to open the checkpoint database. |
| 0x8A150072 | -1978335118 | APPINSTALLER_CLI_ERROR_RESU ME_LIMIT_EXCEEDED | Exceeded max resume limit. |
| 0x8A150073 | -1978335117 | APPINSTALLER_CLI_ERROR_INVAL ID_AUTHENTICATION_INFO | Invalid authentication info. |
| 0x8A150074 | -1978335116 | APPINSTALLER_CLI_ERROR_AUTHE NTICATION_TYPE_NOT_SUPPORTE D | Authentication method not supported. |
| 0x8A150075 | -1978335115 | APPINSTALLER_CLI_ERROR_AUTHE NTICATION_FAILED | Authentication failed. |
| 0x8A150076 | -1978335114 | APPINSTALLER_CLI_ERROR_AUTHE NTICATION_INTERACTIVE_REQUIR ED | Authentication failed. Interactive authentication required. |
| 0x8A150077 | -1978335113 | APPINSTALLER_CLI_ERROR_AUTHE NTICATION_CANCELLED_BY_USER | Authentication failed. User cancelled. |
| 0x8A150078 | -1978335112 | APPINSTALLER_CLI_ERROR_AUTHE NTICATION_INCORRECT_ACCOUNT | Authentication failed. Authenticated account is not the desired account. |
| 0x8A150079 | -1978335111 | APPINSTALLER_CLI_ERROR_NO_RE PAIR_INFO_FOUND | Repair command not found. |
| 0x8A15007A | -1978335110 | APPINSTALLER_CLI_ERROR_REPAI R_NOT_APPLICABLE | Repair operation is not applicable. |
| 0x8A15007B | -1978335109 | APPINSTALLER_CLI_ERROR_EXEC_ REPAIR_FAILED | Repair operation failed. |
| 0x8A15007C | -1978335108 | APPINSTALLER_CLI_ERROR_REPAI R_NOT_SUPPORTED | The installer technology in use doesn't support repair. |
| 0x8A15007D | -1978335107 | APPINSTALLER_CLI_ERROR_ADMIN_ CONTEXT_REPAIR_PROHIBITED | Repair operations involving administrator privileges are not permitted on packages installed within the user scope. |
| 0x8A15007E | -1978335106 | APPINSTALLER_CLI_ERROR_SQLIT E_CONNECTION_TERMINATED | The SQLite connection was terminated to prevent corruption. |
| 0x8A15007F | -1978335105 | APPINSTALLER_CLI_ERROR_DISPL AYCATALOG_API_FAILED | Failed to get Microsoft Store package catalog. |
| 0x8A150080 | -1978335104 | APPINSTALLER_CLI_ERROR_NO_AP PLICABLE_DISPLAYCATALOG_PACK AGE | No applicable Microsoft Store package found from Microsoft Store package catalog. |
| 0x8A150081 | -1978335103 | APPINSTALLER_CLI_ERROR_SFSC LIENT_API_FAILED | Failed to get Microsoft Store package download information. |
| 0x8A150082 | -1978335102 | APPINSTALLER_CLI_ERROR_NO_AP PLICABLE_SFSCCLIENT_PACKAGE | No applicable Microsoft Store package download information found. |
| 0x8A150083 | -1978335101 | APPINSTALLER_CLI_ERROR_LICEN SING_API_FAILED | Failed to retrieve Microsoft Store package license. |

Install errors

| Hex | Decimal | Symbol | Description |
|------------|-------------|--------------------------------------------------------|------------------------------------------------------------------------|
| 0x8A150101 | -1978334975 | APPINSTALLER_CLI_ERROR_INSTA LL_PACKAGE_IN_USE | Application is currently running. Exit the application then try again. |
| 0x8A150102 | -1978334974 | APPINSTALLER_CLI_ERROR_INSTA LL_INSTALL_IN_PROGRESS | Another installation is already in progress. Try again later. |
| 0x8A150103 | -1978334973 | APPINSTALLER_CLI_ERROR_INSTA LL_FILE_IN_USE | One or more file is being used. Exit the application then try again. |
| 0x8A150104 | -1978334972 | APPINSTALLER_CLI_ERROR_INSTA LL_MISSING_DEPENDENCY | This package has a dependency missing from your system. |
| 0x8A150105 | -1978334971 | APPINSTALLER_CLI_ERROR_INSTA | There's no more space on your PC. |

| | | | |
|------------------------------------------------------|-------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------|
| | | LL_DISK_FULL | Make space, then try again. |
| 0x8A150106 | -1978334970 | APPINSTALLER_CLI_ERROR_INSTALL_INSUFFICIENT_MEMORY | There's not enough memory available to install. Close other applications then try again. |
| 0x8A150107 | -1978334969 | APPINSTALLER_CLI_ERROR_INSTALL_NO_NETWORK | This application requires internet connectivity. Connect to a network then try again. |
| 0x8A150108 | -1978334968 | APPINSTALLER_CLI_ERROR_INSTALL_CONTACT_SUPPORT | This application encountered an error during installation. Contact support. |
| 0x8A150109 | -1978334967 | APPINSTALLER_CLI_ERROR_INSTALL_REBOOT_REQUIRED_TO_FINISH | Restart your PC to finish installation. |
| 0x8A15010A | -1978334966 | APPINSTALLER_CLI_ERROR_INSTALL_REBOOT_REQUIRED_TO_INSTALL | |
| Installation failed. Restart your PC then try again. | | | |
| 0x8A15010B | -1978334965 | APPINSTALLER_CLI_ERROR_INSTALL_REBOOT_INITIATED | Your PC will restart to finish installation. |
| 0x8A15010C | -1978334964 | APPINSTALLER_CLI_ERROR_INSTALL_CANCELLED_BY_USER | You cancelled the installation. |
| 0x8A15010D | -1978334963 | APPINSTALLER_CLI_ERROR_INSTALL_ALREADY_INSTALLED | Another version of this application is already installed. |
| 0x8A15010E | -1978334962 | APPINSTALLER_CLI_ERROR_INSTALL_DOWNGRADE | A higher version of this application is already installed. |
| 0x8A15010F | -1978334961 | APPINSTALLER_CLI_ERROR_INSTALL_BLOCKED_BY_POLICY | Organization policies are preventing installation. Contact your admin. |
| 0x8A150110 | -1978334960 | APPINSTALLER_CLI_ERROR_INSTALL_DEPENDENCIES | Failed to install package dependencies. |
| 0x8A150111 | -1978334959 | APPINSTALLER_CLI_ERROR_INSTALL_PACKAGE_IN_USE_BY_APPLICATION | Application is currently in use by another application. |
| 0x8A150112 | -1978334958 | APPINSTALLER_CLI_ERROR_INSTALL_INVALID_PARAMETER | Invalid parameter. |
| 0x8A150113 | -1978334957 | APPINSTALLER_CLI_ERROR_INSTALL_SYSTEM_NOT_SUPPORTED | Package not supported by the system. |
| 0x8A150114 | -1978334956 | APPINSTALLER_CLI_ERROR_INSTALL_UPGRADE_NOT_SUPPORTED | The installer does not support upgrading an existing package. |

Check for package installed status

| Hex | Decimal | Symbol | Description |
|------------|-------------|---------------------------------------------------------|-----------------------------------------------------------------|
| 0x8A150201 | -1978334719 | WINGET_INSTALLED_STATUS_ARP_ENTRY_NOT_FOUND | The Apps and Features Entry for the package could not be found. |
| 0x8A150202 | -1978334718 | WINGET_INSTALLED_STATUS_INSTALL_LOCATION_NOT_APPLICABLE | The install location is not applicable. |
| 0x8A150203 | -1978334717 | WINGET_INSTALLED_STATUS_INSTALL_LOCATION_NOT_FOUND | The install location could not be found. |
| 0x8A150204 | -1978334716 | WINGET_INSTALLED_STATUS_FILE_HASH_MISMATCH | The hash of the existing file did not match. |
| 0x8A150205 | -1978334715 | WINGET_INSTALLED_STATUS_FILE_NOT_FOUND | File not found. |
| 0x8A150206 | -1978334714 | WINGET_INSTALLED_STATUS_FILE_FOUND_WITHOUT_HASH_CHECK | The file was found but the hash was not checked. |
| 0x8A150207 | -1978334713 | WINGET_INSTALLED_STATUS_FILE_ACCESS_ERROR | The file could not be accessed. |

Configuration Errors

| Hex | Decimal | Symbol | Description |
|------------|-------------|--------------------------------------------------------|--------------------------------------------|
| 0x8A15C001 | -1978286079 | WINGET_CONFIG_ERROR_INVALID_CONFIGURATION_FILE | The configuration file is invalid. |
| 0x8A15C002 | -1978286078 | WINGET_CONFIG_ERROR_INVALID_YAML | The YAML syntax is invalid. |
| 0x8A15C003 | -1978286077 | WINGET_CONFIG_ERROR_INVALID_FIELD_TYPE | A configuration field has an invalid type. |
| 0x8A15C004 | -1978286076 | WINGET_CONFIG_ERROR_UNKNOWN_CONFIGURATION_FILE_VERSION | The configuration has an unknown version. |
| 0x8A15C005 | -1978286075 | WINGET_CONFIG_ERROR_SOFT_APP | An error occurred while applying the |

| | | | |
|------------|-------------|--------------------------------------------|-------------------------------------------------------------------|
| 0x8A15C005 | -1978286075 | WINGET_CONFIG_ERROR_ALREADY_FAILED | An error occurred while applying the configuration. |
| 0x8A15C006 | -1978286074 | WINGET_CONFIG_ERROR_DUPLICATE_IDENTIFIER | The configuration contains a duplicate identifier. |
| 0x8A15C007 | -1978286073 | WINGET_CONFIG_ERROR_MISSING_DEPENDENCY | The configuration is missing a dependency. |
| 0x8A15C008 | -1978286072 | WINGET_CONFIG_ERROR_DEPENDENCY_UNSATISFIED | The configuration has an unsatisfied dependency. |
| 0x8A15C009 | -1978286071 | WINGET_CONFIG_ERROR_ASSERTION_FAILED | An assertion for the configuration unit failed. |
| 0x8A15C00A | -1978286070 | WINGET_CONFIG_ERROR_MANUALLY_SKIPPED | The configuration was manually skipped. |
| 0x8A15C00B | -1978286069 | WINGET_CONFIG_ERROR_WARNING_NOT_ACCEPTED | A warning was thrown and the user declined to continue execution. |
| 0x8A15C00C | -1978286068 | WINGET_CONFIG_ERROR_SET_DEPENDENCY_CYCLE | The dependency graph contains a cycle which cannot be resolved. |
| 0x8A15C00D | -1978286067 | WINGET_CONFIG_ERROR_INVALID_FIELD_VALUE | The configuration has an invalid field value. |
| 0x8A15C00E | -1978286066 | WINGET_CONFIG_ERROR_MISSING_FIELD | The configuration is missing a field. |
| 0x8A15C00F | -1978286065 | WINGET_CONFIG_ERROR_TEST_FAILED | Some of the configuration units failed while testing their state. |
| 0x8A15C010 | -1978286064 | WINGET_CONFIG_ERROR_TEST_NOT_RUN | Configuration state was not tested. |
| 0x8A15C011 | -1978286063 | WINGET_CONFIG_ERROR_GET_FAILED | The configuration unit failed getting its properties. |

Configuration Processor Errors

| Hex | Decimal | Symbol | Description |
|------------|-------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| 0x8A15C101 | -1978285823 | WINGET_CONFIG_ERROR_UNIT_NOT_INSTALLED | The configuration unit was not installed. |
| 0x8A15C102 | -1978285822 | WINGET_CONFIG_ERROR_UNIT_NOT_FOUND_REPOSITORY | The configuration unit could not be found. |
| 0x8A15C103 | -1978285821 | WINGET_CONFIG_ERROR_UNIT_MULTIPLE_MATCHES | Multiple matches were found for the configuration unit specify the module to select the correct one. |
| 0x8A15C104 | -1978285820 | WINGET_CONFIG_ERROR_UNIT_INVOKE_GET | The configuration unit failed while attempting to get the current system state. |
| 0x8A15C105 | -1978285819 | WINGET_CONFIG_ERROR_UNIT_INVOKE_TEST | The configuration unit failed while attempting to test the current system state. |
| 0x8A15C106 | -1978285818 | WINGET_CONFIG_ERROR_UNIT_INVOKE_SET | The configuration unit failed while attempting to apply the desired state. |
| 0x8A15C107 | -1978285817 | WINGET_CONFIG_ERROR_UNIT_MODULE_CONFLICT | The module for the configuration unit is available in multiple locations with the same version. |
| 0x8A15C108 | -1978285816 | WINGET_CONFIG_ERROR_UNIT_IMPORT_MODULE | Loading the module for the configuration unit failed. |
| 0x8A15C109 | -1978285815 | WINGET_CONFIG_ERROR_UNIT_INVOKE_INVALID_RESULT | The configuration unit returned an unexpected result during execution. |
| 0x8A15C110 | -1978285814 | WINGET_CONFIG_ERROR_UNIT_SETTING_CONFIG_ROOT | A unit contains a setting that requires the config root. |
| 0x8A15C111 | -1978285813 | WINGET_CONFIG_ERROR_UNIT_IMPORT_MODULE_ADMIN | Loading the module for the configuration unit failed because it requires administrator privileges to run. |
| 0x8A15C112 | -1978285812 | WINGET_CONFIG_ERROR_NOT_SUPPORTED_BY_PROCESSOR | Operation is not supported by the configuration processor. |

Related Content

- <https://github.com/microsoft/winget-cli/blob/master/doc/windows/package-manager/winget/returnCodes.md>