

Application Packaging and How to Install MSIX Packages

1. What is Application Packaging?

Application packaging is gathering all the files and settings required to execute a software program and bundling them into a single file (a package). This simplifies installing the software on numerous computers without issues.

2. What is MSIX?

MSIX is a fresh kind of app package from Microsoft. It's an amalgamation of traditional formats such as MSI and AppX. MSIX is compatible with both legacy desktop applications (Win32) and new Windows applications (UWP). It is safe, simple to install, and uninstalls cleanly without any leftover junk files.

3. Why Use MSIX? (Benefits)

Simple to install and update

Keeps your machine clean (no residue files)

Safe and secure

Executes apps within a container for enhanced security

Allows for automatic updates

4. How to Create an MSIX Package (Step-by-Step):

1. Get Ready:

Utilize a Windows 10 (or later) machine

Download "MSIX Packaging Tool" from Microsoft Store

Prepare your app installer and files in advance

2. Open the MSIX Packaging Tool:

Launch the tool and select "Application Package"

Then choose "Create package on this computer"

3. App Details:

Enter the name, version, and publisher information

4. Install the App to be Monitored:

Provide the path to your app installer
The tool monitors what files and settings the app utilizes

5. Make Changes (Optional):

You can include shortcuts and special permissions

6. Sign the Package:

Sign your MSIX file using a digital certificate (required for install on other PCs)

7. Save the Package:

The tool will generate a file with an `msix` or `rappx` extension

5. How to Install MSIX Packages: