

PSAppDeployToolkit (PSADT)

The PSAppDeployToolkit (PSADT) is a PowerShell-based framework that simplifies application deployment for enterprises.

Platform Value:

- [1]. Simplifies Complex Scripting
- [2]. Consistent User Experience
- [3]. Improved Deployment Success
- [4]. Open-Source and Contributed

Concepts:

- i. **ADTSession Object** – Stores user input and settings.
- ii. **Pre-defined Functions** – Built-in commands for install, check, close apps.
- iii. **Exit Codes** – Shows if install passed or failed.
- iv. **Deployment Structure** – Organized folders for clean setup.
- v. **Deployment Modes** – Supports silent, interactive, or auto installs.

Usage:

- **Deploying Applications**
- **Scripting Deployment Logic**
- **Using Functions**
- **Running Scripts**
- **Utilizing ADTSession**

PowerShell App Deployment Toolkit specific folder structure to organize deployment packages and their associated files.

Toolkit

Examples

Files

SupportFiles

Deploy-Application.exe

Deploy-Application.ps1

Strings

Images

Configuration

Configuration Process

1. Download and Extract: Download the PSAppDeployToolkit and extract the zip file.
 2. Locate Configuration File: Navigate to the Toolkit\AppDeployToolkit directory and find the AppDeployToolkitConfig.xml file.
 3. Edit Configuration: Open the AppDeployToolkitConfig.xml file and customize it according to your needs.
- **Toolkit Options:** Configure general toolkit settings like required administrative rights, temporary file paths, and logging options.
 - **Banner, Logo & Icon Options:** Customize the UI banner, logos, and icons.
 - **MSI Options:** Configure logging options, log paths, and installation parameters for MSI installations.
 - **UI Options:** Set general UI options like balloon notifications, script timeouts, and exit codes.

- UI Messages: Edit or add languages for the user interface.

The PowerShell Application Deployment Toolkit (PSAppDeployToolkit) provides template scripts for application deployment. These scripts, like Deploy-Application.ps1, are designed to streamline the deployment process and ensure consistency across deployments.

1. Understanding PSAppDeployToolkit and Templates
2. Using the Template Script (Deploy-Application.ps1)
3. Creating a New Deployment Using Templates:

Installation of power shell application deployment toolkit

Search -> PSApp Deployment Toolkit ->

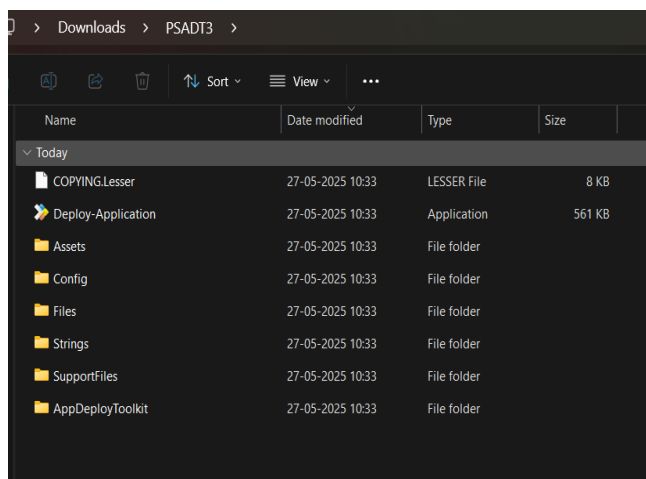
[PSAppDeployToolkit Latest Release](#)

>https://github.com/PSAppDeployToolkit/PSAppDeployToolkit/releases/download/4.0.6/PSAppDeployToolkit_Template_v4.zip-

>https://github.com/PSAppDeployToolkit/PSAppDeployToolkit/releases/download/4.0.6/PSAppDeployToolkit_Template_v3.zip

->Download it -> Extract in the folder inside download ->There are multiple version

Version 3



Version 4

