

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, 2]

Here's a more detailed breakdown:

1. Understanding PSAppDeployToolkit and Templates:

- PSAppDeployToolkit is a framework that simplifies complex scripting for enterprise application deployment. [3, 4]
- It provides a set of pre-defined functions and user interface elements for common deployment tasks. [4]
- Template scripts, like Deploy-Application.ps1, are designed to be customized to meet specific deployment requirements. [2]

2. Using the Template Script (Deploy-Application.ps1):

- The Deploy-Application.ps1 script is a template that can be used for both installing and uninstalling applications.
- It's located in the C:\AdminStudio Shared\PowerShellTemplate directory.
- You can edit the script in the Windows PowerShell ISE application to customize it for your specific needs.
- The script either performs an "install" or "uninstall" deployment type.
- The "install" deployment type is broken down into three sections: Pre-Install, Install, and Post-Install.
- The script refers to the AppDeployToolkitMain.ps1 script, which contains the logic and functions for installing or uninstalling applications. [2, 2]

3. Creating a New Deployment Using Templates:

- PSAppDeployToolkit provides internal templates that can be used to create new deployments.
- To create a deployment using the PSADT v3 compatible template, you can use the command `New-ADTTemplate -Destination C:\Temp\MyAppDeployment -Name "MyOldAppDeployment" -Version 3`.
- To create a deployment using the PSADT v4 native template, you can use the command `New-ADTTemplate -Destination C:\Temp\MyAppDeployment -Name`

"MyAppDeployment". [1]

4. Additional Resources:

- PSAppDeployToolkit's GitHub Releases page includes downloadable templates for creating new deployments, such as PSAppDeployToolkit_Template_v3.zip and PSAppDeployToolkit_Template_v4.zip.
- You can download these templates and extract their contents to a folder on your computer. [1]

5. Customizing the Template Script:

- You can customize the Deploy-Application.ps1 script to meet your specific deployment requirements.
- This includes modifying the script's parameters, adding new commands, and customizing the user interface.
- You can use the Deploy-Application.ps1 script as a foundation for creating more complex deployment scenarios. [2, 2]