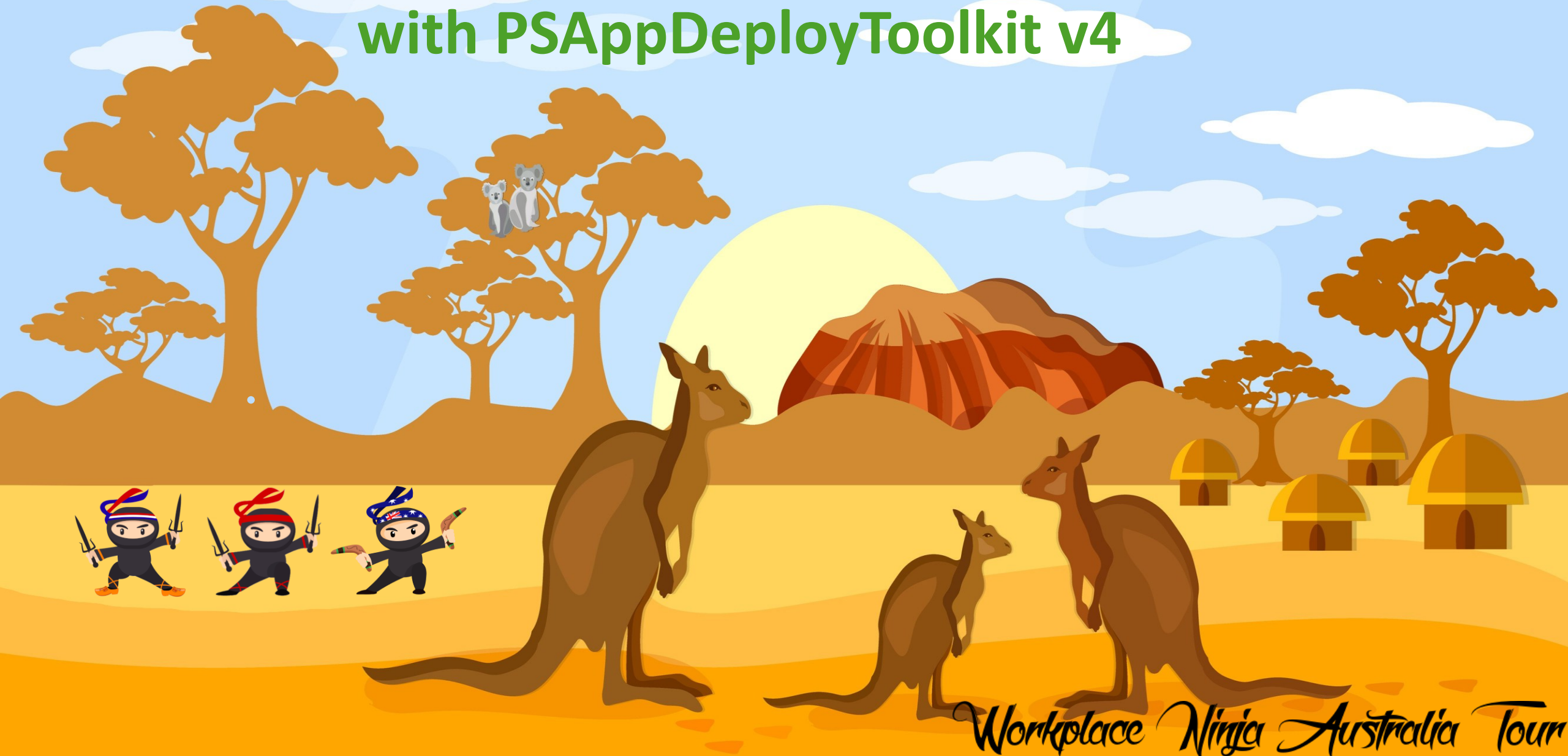


Enhancing your app deployments with PSAppDeployToolkit v4





Thank you, legends! 🤘

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Microsoft



DEVICIE



Who's this Mitch guy, anyway?

Focus

Developing solutions to make life easier
Being the best dad I can be to my lad

From

Gosford NSW, Australia

Socials

<https://www.linkedin.com/in/mjrichters/>



Certifications

Microsoft Azure Solutions Architect Expert
+ many others along the way

Hobbies

Bushwalks, mountain biking,
coding, and road trips

Contact

<https://www.linkedin.com/in/mjrichters/>



Enhancing your app deployments with PSAppDeployToolkit v4





What is PSAppDeployToolkit?

- An **open-source** PowerShell **framework** for packaging applications
- Provides a set of **easy-to-use** functions to **simplify** deployment tasks
- A **standardised** way to install, uninstall, and repair applications
- Helps provide **solutions** to common real-world problems
- Fully **supported** on all supported versions of Microsoft Windows



Sounds interesting... what are its features?

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- **Standardised** logging of all functions and MSI operations (in CCM format)
- **Brandable** and **localisable** GUI to manage prompts, deferrals, and reboots
- **Find/uninstall** existing/conflicting **apps** by name, ProductCode, etc
- Manage **user files/registry content** while running as **SYSTEM**
- Run **processes** as another user while running as **SYSTEM**
- Manage **Active Setup** to provide run-once content for users
- Create **shortcuts** to apps with specific arguments, icon, etc



How does this benefit me, the admin?

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- A **robust** and **battle-tested** enterprise framework
- A **widely adopted** standard for enterprise deployments
- **Reduces** packaging **effort** by providing common tools4
- **Use as much** or as **little** of the toolkit as you'd like
- **Simplifies** deployment troubleshooting
- Extensive online **community support**



PSAppDeployToolkit v4





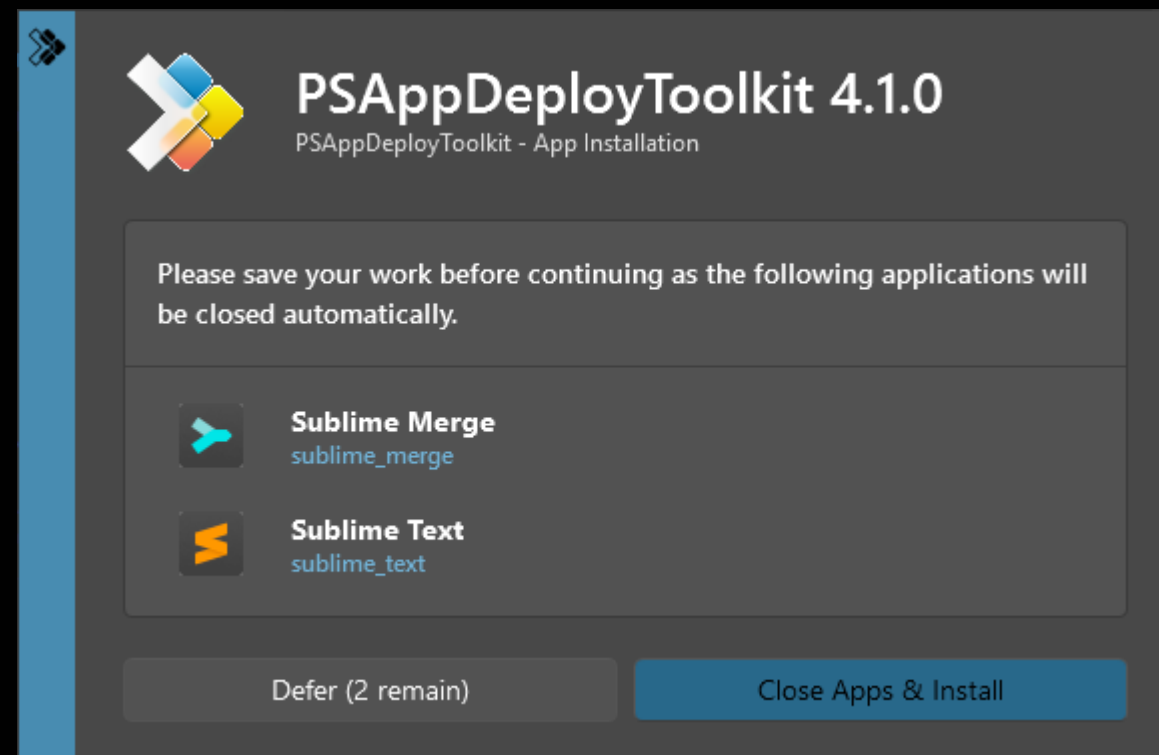
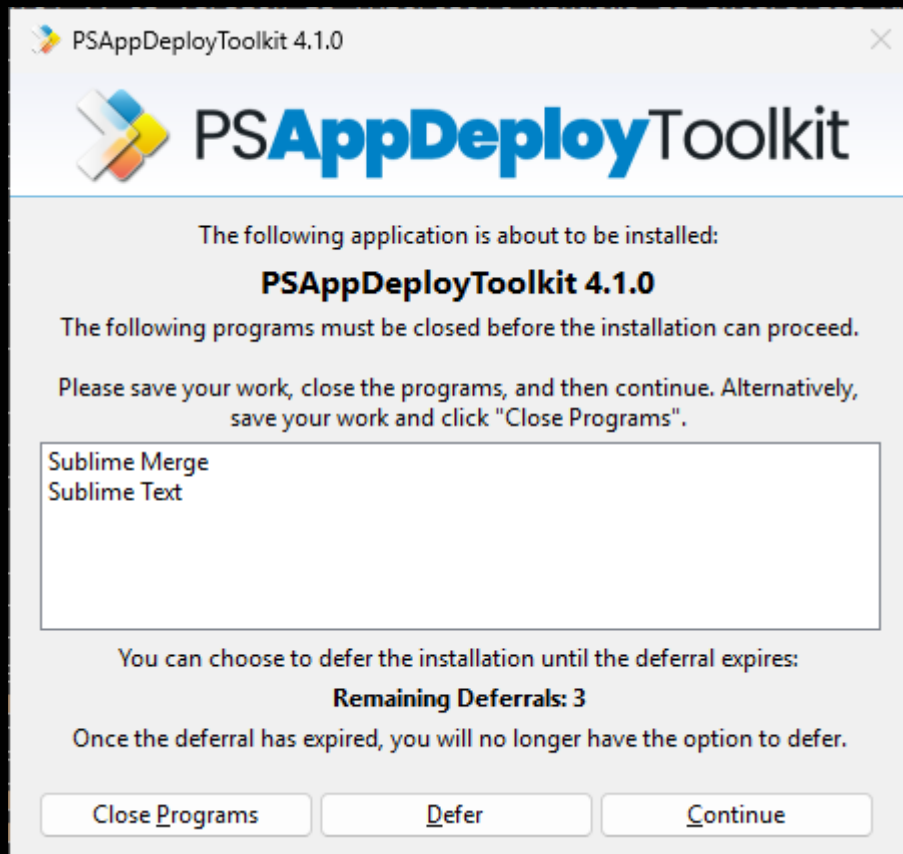
What's the big deal with v4?

- Solution is now a **code-signed** PowerShell **module**
- Comes with a **backwards compatibility** layer for v3
- Completely **redesigned** and **modern user interface**
- Now supports **PowerShell 7** and **ARM64** devices
- Provides support for **mounting/dismounting WIM files**
- Significantly improved **application** find/uninstall tools
- Module operates entirely in **PowerShell strict mode** v3
- Still 100% **free**, and still 100% **open source** via LGPLv3



What's so special with the new UI stuff?

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Enough talking, show me how it works!

- Demo of a zero-config MSI app
- Demo of an exe-based app
- Demo of a WinGet-based app
- Copying files to all user profiles
- Adding registry entries to all user profiles
- Adding Active Setup entries





What's coming on the roadmap?

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- Interactive UI elements without the need for ServiceUI
- Bringing the new UI elements up to feature parity with classic
- Improvements to Start-ADTProcessAsUser
- Improved MSI deployments via WiX utility functions
- Getting the issues tracker down to zero
- Considering new features *you* suggest!



Thank You



Workplace