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Introductions

Who are these two voices from the ether?



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Senior Solutions Architect Chocolatey Software

- S Vancouver, Canada
- 15+ years in IT
- Govt. and Education sector
- PowerShell Community Speaker & Organizer
- Co-Host of BridgeConf and PNW-PSUG

Paul Broadwith

Senior Technical Engineer Chocolatey Software

- Glasgow, Scotland
- 25+ years in IT
- Financial, Govt., Mfg. and Svcs. sectors
- Lead Engineer on Boxstarter & cChoco DSC
- Cloud & Datacenter Management MVP







Audience

Dear Listener

- Linux Admin familiar with package management frameworks, and interested in Windows side
- Windows Admin looking for ways to use Ansible to better manage software on your servers and workstations
- Cross-Platform Admin looking for a standardized approach to package management on Linux & Windows





What is Chocolatey?

Give me the CliffsNotes©.

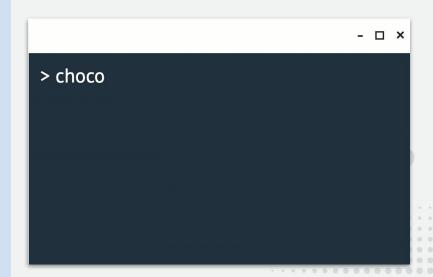
TL; DR

Have you used yum or apt on Linux?



It's like that. But for Windows.







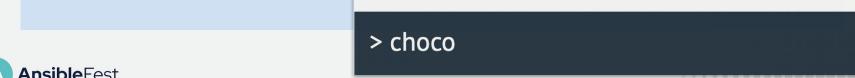


What is Chocolatey?

I'm intrigued. Explain further?

Chocolatey is a **complete package management system** for Windows that provides you total control over your software lifecycle. This includes:

- A PowerShell-based framework for installing, upgrading, and uninstalling applications
- A universal ".nupkg" packaging format (zips, scripts, binaries)
- A repeatable and pipeline-friendly automated approach to installation and patching
- Support for all current Windows OS's
- Access to over 8000 pre-made packages via Community Package Repository









Choose from Thousands of Community Packages

Chocolatey has the largest online registry of Windows packages. Chocolatey packages encapsulate everything required to manage a particular piece of software into one deployment artifact by wrapping installers, executables, zips, and/or scripts into a compiled package file.

Package submissions go through a rigorous moderation review process, including automatic virus scanning. The community repository has a strict policy on malicious and pirated software. Read more.

8,042/101,928

Unique Packages / Total Packages

1,121,512,569

Total Community Package Installs

https://chocolatey.org/packages





Why Chocolatey?

OK, and why should I add another thing to learn?

- Packaging on Windows is non-standard, almost by design (GUI-first)
- Your install, upgrade, and uninstall process is only as good as your packaging standard
- If it isn't easy to update/patch, it won't get done (security risk exposure 🚸)
- DevOps/Automation pipelines are not just the future, they're already here, and here to stay





Why Chocolatey & Ansible?

Make this easier for me!

- Certified Ansible Content Collection:
 chocolatey.chocolatey (available in Ansible Automation
 Hub or Ansible Galaxy)
- Declaratively define your Chocolatey config., features, sources, and package state
- Speak the domain-specific language of Ansible Playbooks (YAML)
- Maintain **idempotence** (re-run playbooks without worry)
- Use Ansible Tower to manage scheduling, maintenance, and access

Modules

This collection provides the following modules you can use in your own roles:

Name	Description
win_chocolatey	Manage packages using chocolatey
win_chocolatey_config	Manage Chocolatey config settings
win_chocolatey_facts	Create a facts collection for Chocolatey
win_chocolatey_feature	Manage Chocolatey features
win_chocolatey_source	Manage Chocolatey sources

Examples

Some example usages of the modules in this collection are below.

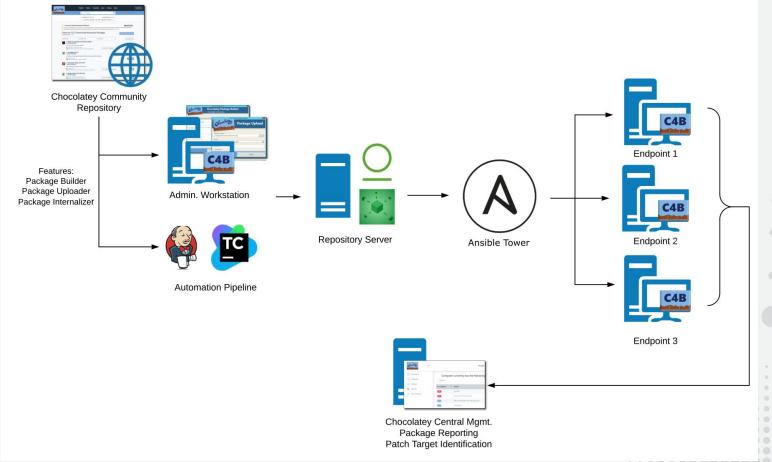
Upgrade all packages with Chocolatey:

- name: Upgrade installed packages
win_chocolatey:
 name: all
 state: latest



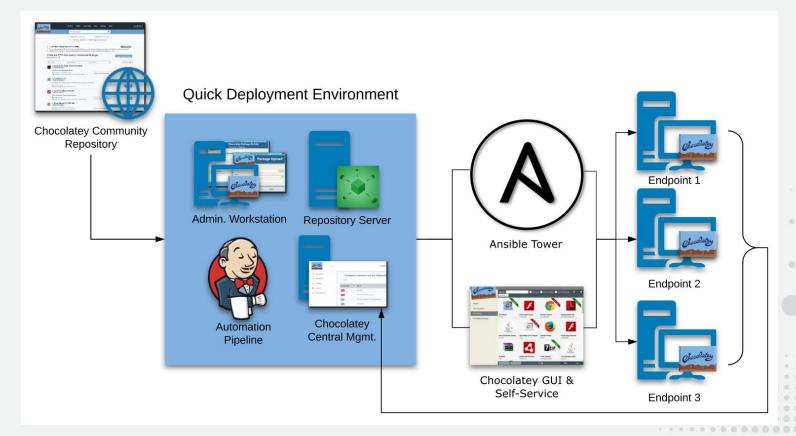


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How?

Show me what you got....

DEMO!



Advanced Functionality with Chocolatey for Business



Accelerate Deployments
Package Builder & Package Uploader



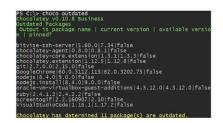
Improve Accuracy &
Simplify Software Management
Package Synchronizer

```
P$ C1b choco list = 10
Chocolatey V0.9.10-brea = 422-g338bc0. Business
Chocolatey V0.9.10-brea = 505000
Chocolatey 0.9.10-brea = 505000
Chocolatey 0.9.10-brea = 505000
Chocolatey 0.9.10-brea = 505000
Chocolatey 0.9.10-brea = 505000
Chocolatey chocolatey
```

Real-time Insights
Chocolatey Central Management



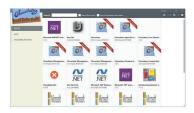
Improve Security & Controls
Package Internalizer & Package Audit



Optimization & EnvironmentsPackage Reducer & Package Throttle



Enhance User Experience Self-Service GUI



Learn more and get a free organizational trial at chocolatey.org/business

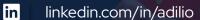


Thank you!











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in linkedin.com/in/paulbroadwith







