Creating and Maintaining Chocolatey Packages

(Lightning Talk)
Mike Cole • 11-14-2017

Overview

Chocolatey packages are simply an enhanced NuGet package.

Contains:
- nuspec with metadata (example)
- tools\chocolateyInstall.ps1 (example)

Process:
- Build structure above
- `cpack` => builds nupkg
- `cpush` => publish to choco gallery (or upload on website)

Best Practices for Creating Packages

`choco new`

- Generates a new choco package with a robust template.

- Eliminates packages submission rejections because of missed metadata.

Test Environment

- Same environment that choco uses for automated testing.

- Work out environment issues on a basic build.

- (link)

Options for Updating Packages

Manual

- Either notice yourself a new version of the software is updated, or are notified via comments.

- Update version in nuspec file, update download link, update checksum.

Automated (AU)

- Fork from choco template repo on GitHub.

- Configure update script [(example)](#).

- Monitor version # via screen scraping or inspecting installer.

- Host on AppVeyor.

Link Dump

1. https://chocolatey.org/

2. My packages repo: https://github.com/mikecole/chocolatey-packages

3. Package Requests: https://github.com/chocolatey/chocolatey-package-requests