Splunk App Lifecycle Management

Take Control of Your Apps in the Cloud!

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1. Review the need for Self-Service App Management by our customers
2. Review the Splunk Packaging Toolkit
3. Introduce the new Self-Service App Management tool
4. Introduce the start of Private App support
Cut Out the Splunk Support Middleman

Time is money

- App management starts with opening a support ticket
- Resolution could take up to weeks
- Dependency management is not free

Cloud Support Tickets

- 50% Other
- 35% App Install
- 15% App Config
Splunk Packaging Toolkit Is Here to Help
All-in-one tool for everyone

- Developers
  - Define and Package apps
- Admins
  - Partition apps
- Splunk App Management
  - Deploy partitioned apps

Overview of the Splunk Packaging Toolkit

Welcome to the Splunk Packaging Toolkit Beta! The Packaging Toolkit is a tool for authoring, packaging, and validating a Splunk app in a way that eases up app management, including installation, configuration, and updating.

The Packaging Toolkit provides support for all phases of Splunk app lifecycle management. For Splunk app developers, that means they can focus on building apps without concerning themselves with different deployment topologies or the details of the deployment process. For Splunk Enterprise administrators, it means that they can easily and reliably install and manage Splunk apps across their entire Splunk deployment from a single point.

The Packaging Toolkit, with minimal additional work by developers during design, disambiguates configuration and code, and partitions, or repackages, relevant pieces of an app into deployment packages. Each deployment package can be based on either physical workloads (forwards, search heads, indexers, etc.) or logical groups of inputs.

Note: The Splunk Packaging Toolkit is still under development. It is currently available with API and command-line interface (CLI) support only, but development of a user interface is planned.
How Do Developers Use the Packaging Toolkit?

Define and Package your app with an App Manifest

- info
- dependencies
- tasks
- incompatible apps
- input groups
How Does Splunk Use the Packaging Toolkit?
Partition an app into Deployment Packages

Source package

Deployment Packages

Packaging Toolkit

APP Packaging Toolkit JSON
Splunk Packaging Toolkit Has Been Updated!
Download 1.0.0 now from dev.splunk.com!
## Why Use the Packaging Toolkit?

Focus on building and maintaining well-defined apps!

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<th>Packaging Toolkit</th>
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<td>Centralized</td>
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<td><strong>Dependencies</strong></td>
<td>Release Notes required</td>
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Self-Service App Management in Minutes
64% of apps on Splunkbase are self-serviceable in the cloud!

- New Apps Page
  - Same functionality...
  - …and more!
- Self-Service Actions
  - App install/uninstall
  - App update
- Dependency Resolution
  - …automatically!
App Management Isn’t Just for Splunkbase Apps
Private apps are important, too!

Private App Upload
No need to file a ticket!

Self-Service Actions
Now for private apps too!

Cloud Approval
Automatically enabled for simple apps!
Splunk Demo

Presented by Cecelia Redding
Key Takeaways

1. App Management is needed by customers
2. Splunk Packaging Toolkit 1.0.0 now live
3. Self-Service App Management in mins
4. Private App support now available
What Can You Do Now to Get Started?
Help us help you manage your apps in the cloud!

Download the Splunk Packaging Toolkit!
http://dev.splunk.com/goto/packaging-toolkit

Visit us on the Pavilion floor!
At the Developer Lounge!

Provide feedback and suggestions!
AppMgmt-feedback@splunk.com
Thank You

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