

Galaxy Update

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Galaxy Timeline

2013: Initial beta; publish and install roles from GitHub

2014: Official Galaxy launch

2016: Galaxy project open-sourced

2019: Collections support added (artifact upload only); Pulp integration

2020: Galaxy NG (collections only; Automation Hub; on-premise Hub)

TBD : Community Galaxy migrates to Galaxy NG

You Got Your Collections in My Roles!

- Collections changed little about roles
 - Plugin locality and default name resolution
- Galaxy NG was a major rewrite to accommodate customer feedback
 - Shared and multi-node on-premise deployment
 - Mix of curated/certified content and private content
 - Content provenance
- "Wait and see" approach for Community Galaxy migration after collections
 - Parallel codebases for Galaxy and Galaxy NG/Automation Hub are a problem
 - Automation Hub doesn't understand roles
 - Maybe everyone will just move to collections...
 - Nope.
- **Delay interpreted by community as a lack of commitment**

Sorry 'Bout That!



So What IS Happening With Roles?

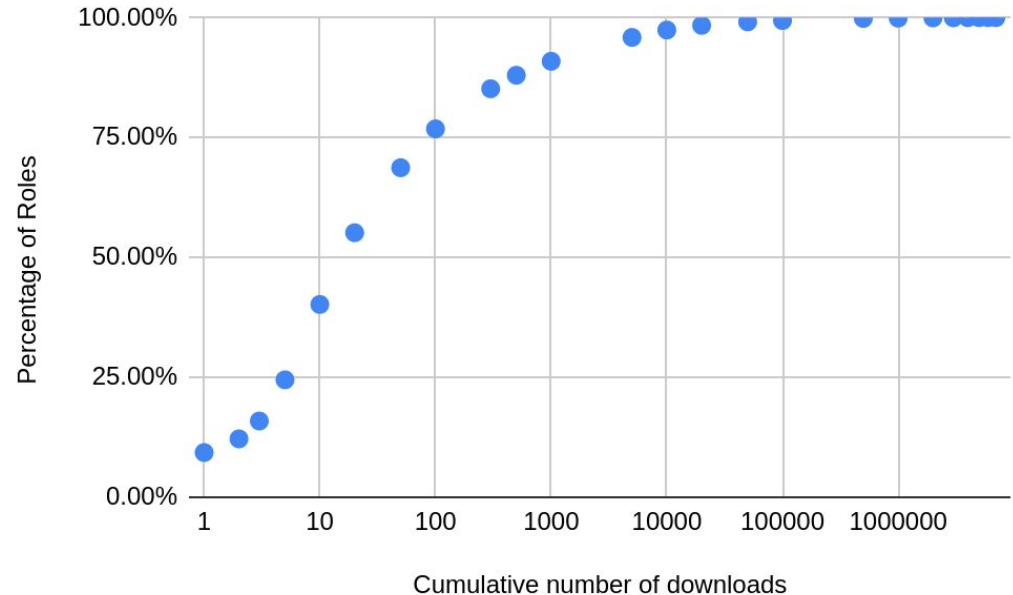
- Standalone role install/exec/publish **will be supported indefinitely**
 - By core engine **and** Galaxy
- Better tooling and docs on the way for migration to collections
 - Many edge cases, tooling will aim for 80/20 rule
- Collections are the future
- Galaxy NG will grow limited support for standalone roles
 - Migration to Galaxy NG will wait for this
 - Keep existing automation working!
 - Some Galaxy standalone role features may go away

Galaxy Usage Data/Polls

Andrew Crosby, Galaxy/Hub Team
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Galaxy Usage Data - Standalone Roles

- 28,250 total standalone roles
- 40% roles with fewer than 10 downloads
- 20% roles with greater than 150 downloads
- 31 roles with greater than 1 million downloads, 17 of those are from geerlingguy
- geerlingguy.docker has 7.8 million downloads, highest download



Galaxy Usage Data - Standalone Roles

For roles with 150+ downloads, users with most roles: # roles | author

183 | andrewrothstein

121 | robertdebock

95 | geerlingguy

81 | manala

67 | Oefenweb

63 | sansible

57 | openmicroscopy

57 | mrlesmithjr

57 | ome

55 | darkwizard242

Feature Polls

1. Role docs + metadata on galaxy.ansible.com
2. Collections in Galaxy
3. Standalone Roles in Galaxy
4. Community Rating of Content
5. Automated Quality Rating (based on scoring system with docs/tests/sanity checks, “Content Score”)
6. UI-initiated import and management of standalone roles vs. CLI
7. GitHub SSO and namespaces-from-GH orgs
8. Notifications in UI and Email
9. Travis webhook to initiate standalone role import vs. using GH Action
`ansible-galaxy role import`
10. Collection import by providing git ref versus artifact

Wrapup

- Standalone roles aren't going anywhere
 - Keep using them, keep publishing them if you like
- Collections are the future
 - New feature investments will focus on collections
- Talk with us!
 - IRC meetings, Contrib Summits, GitHub
- Keep calm and automate on!

Questions?