# ANSIBLEFEST2019

How to build Ansible Collections: Experience from community members

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AUTOMATE

ALL THE THINGS!
Share your automation story

1. How did you get started with Ansible?

2. How long have you been using it?

3. What's your favorite thing to do when you Ansible?
1. What is Ansible?

2. What is Ansible Collection?

3. How do Ansible Collections affect me?
What is Ansible?
Modules and plugins

Roles

- SENSU_ASSET
- SENSU_CHECK
- SSA
- PACKAGE
- SERVICE
- IMPORT_ROLE
- NGINX
- APACHE
Add new roles (ansible-galaxy ...)

Add new modules (get them in ansible repo)
What is Collection?
Just kill me!
I am a developer. What does that mean?

It means he is afraid of git submodules.

No, it does not!

ansible-modules-extras

Stop it Patrick! You are scaring him!
Add new roles (ansible-galaxy role ...)

Add new modules, plugins and/or roles: (ansible-galaxy collection ...)
How do Ansible Collections affect me?
Wellcome to GALAXY.ANSIBLE.COM mall

SENSU SHOP

ALL NEW SENSU.GO 0.7.2.!
1. Using slurp module in a role inside a collection doesn't work (powershell: command not found) P2 affects_2.9 bug collection module net_tools python3 support:core
   #61930 opened 2 days ago by tjanez

2. winScheduledTask trigger parameters are not allowing use of default(omit) placeholder affects_2.7 bug module needs_triage support:community windows
   #61926 opened 2 days ago by cschneider

3. purefa_facts fails when run against old version of Purity affects_2.8 bug deprecated
   has_pr module needs_triage pure_storage storage support:community traceback
   #61924 opened 2 days ago by sdodsley

4. pids_module not working affects_2.8 bug module support:community system traceback
   #61922 opened 2 days ago by Wolfschard

5. gitlab_user requires email, name, and password arguments when deleting a user affects_2.8 bug gitlab module needs_triage source_control support:community
   #61921 opened 2 days ago by mjeco

6. User module does not update user attribute in Alpine docker container affects_2.8
   bug module needs_triage python3 support:core system
   #61911 opened 3 days ago by eauser-8
With great power comes great responsibility

Someone waaaaaaay smarter than Tadej
WARNING: Ansible 2.9 content
$ ansible galaxy \ collections init \ sensu.sensu_go
ansible_collections/sensu/sensu_go
  ├── plugins
  │   └── doc_fragments
  │       ├── modules
  │       └── module_utils
  └── tests
    ├── unit
    │   ├── modules
    │   └── module_utils
    └── integration
        └── modules
Sanity test is your friend.
Certification
**Design**
User-centered.

**Implementation**
Quality by design. Compliant with Red Hat QA.

**Maintenance & Upgrades**
Remain useful for target audience. Stay relevant for your product.

**Support**
Triage and resolve support cases.

**Co-Marketing**
Visibility on Ansible website. Technical and marketing articles. Listed as Red Hat Ansible Automation certified partner.

Red Hat Ansible Automation Certified Partner
Takeaways
What is Ansible?
What is Ansible Collection?
How do Ansible Collections affect me?
Questions
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THANK YOU

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