

M.A.G.A - Make Ansible Great Again

Best practices for clean Ansible Development

Ansible is a Configuration Management System that provides straightforward and robust model for managing automation. In this presentation, I describe a set of workflows we have developed that facilitate role development and deployment in a test driven fashion. These workflows are based on years of experience working with both Ansible and OpenStack, and leverage a toolkit specifically developed for this purpose: *Molecule*[1].

Molecule provides the following:

- Automated execution of Ansible roles/tasks/playbooks against multiple instances, operating system distributions, drivers, and virtualization providers.
- Automated verification of roles with automated server validation frameworks.
- Linting of playbooks and roles by community driven standards and tools.
- Ability to compose multiple dependent roles/tasks into a meta-role for scenario based testing.
- Integrates with self-managed, and hosted CI providers such as Jenkins, Travis CI, and CircleCI.

In this talk I will describe how *Molecule*[1] can be leveraged to write clean, generic, and reusable automation.

So what do you say? Help Make Ansible Great Again.

[1] <http://molecule.readthedocs.io/>