Enterprise Automation

From Development to Production

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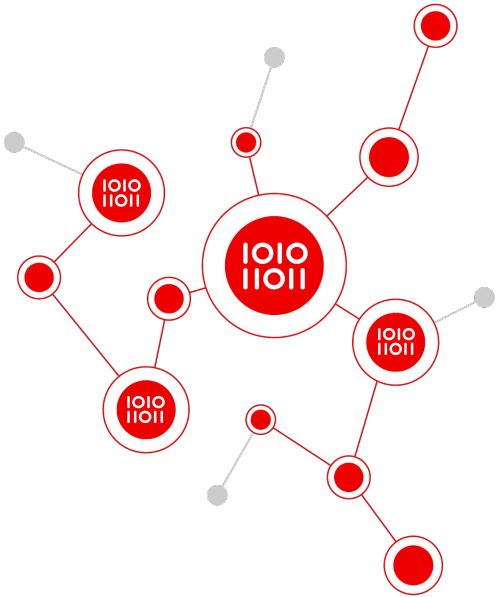
Ansible Automates

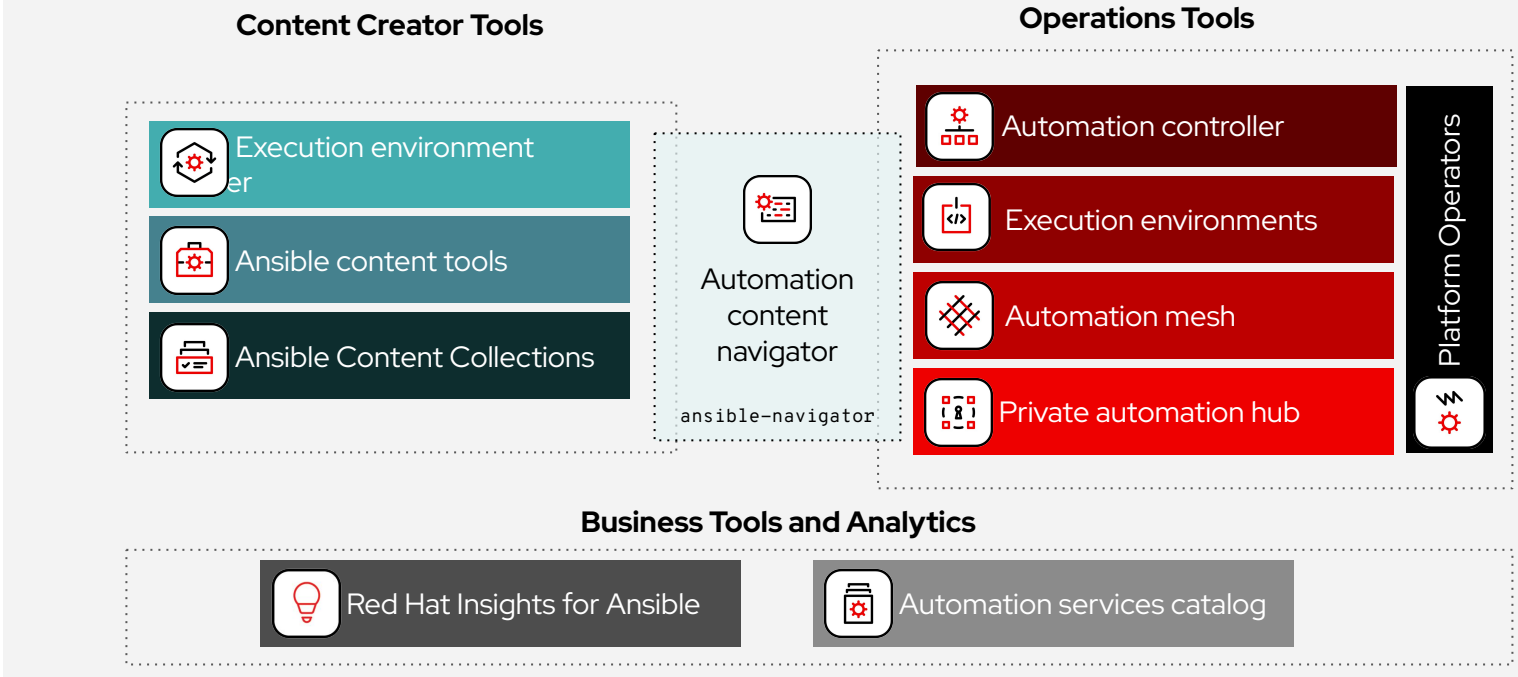
Our customers have adopted automation broadly



Customers have millions of nodes running automation

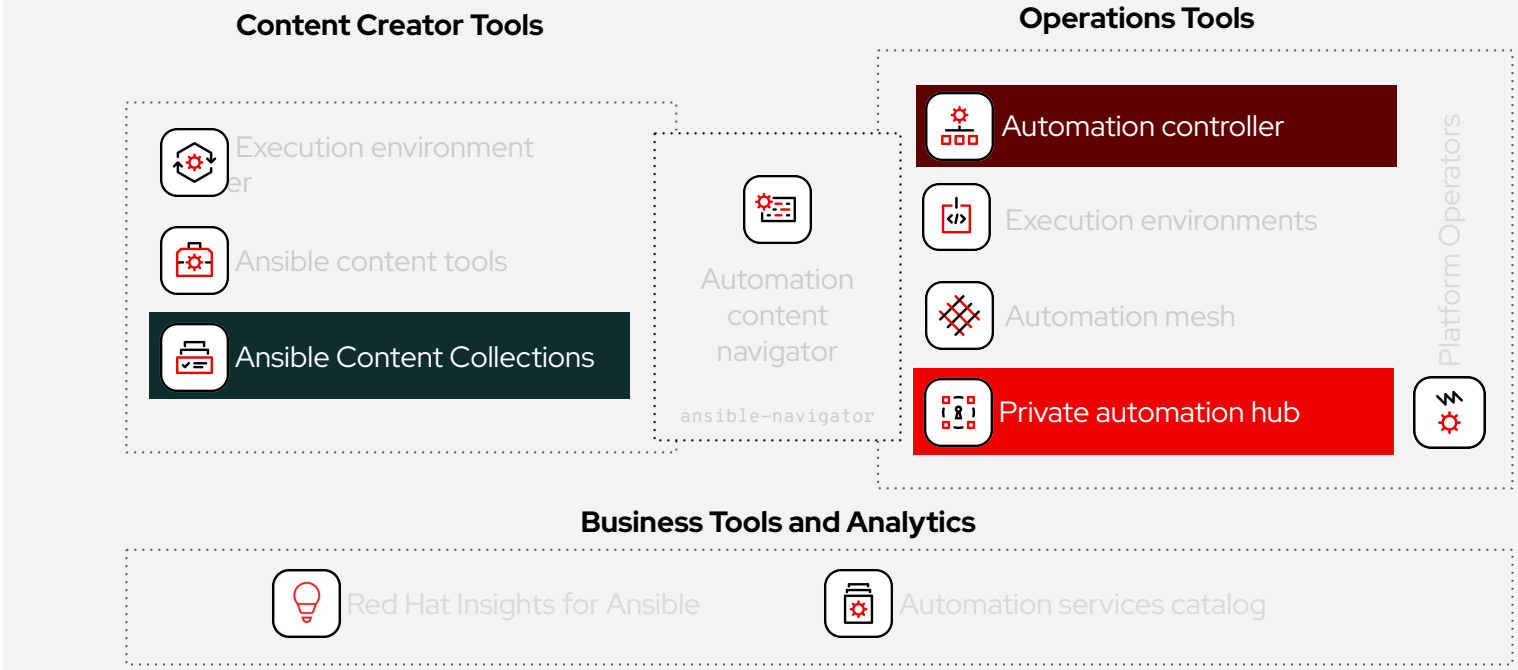
with Red Hat Ansible Automation Platform.
Each node in turn controls a series of IT resources, applications, or other assets.

Red Hat Ansible Automation Platform



Ansible Automates

Red Hat Ansible Automation Platform

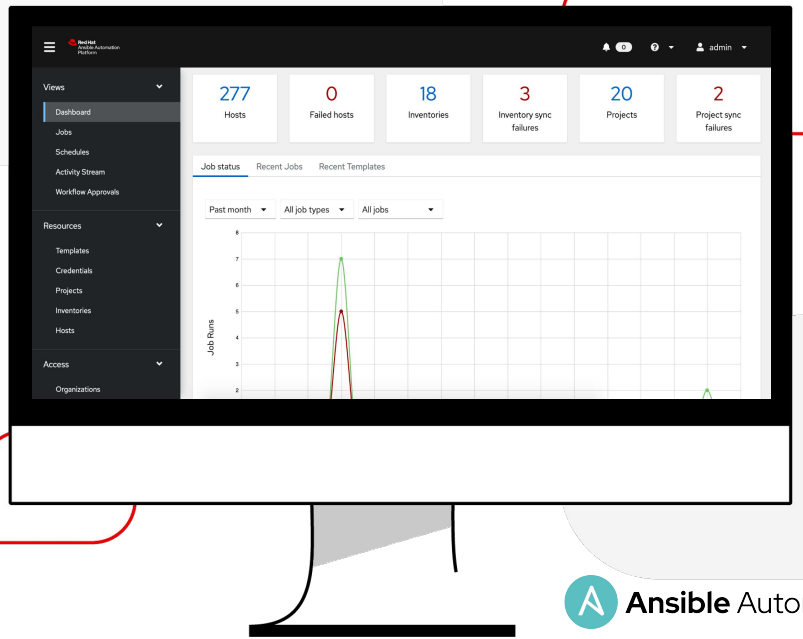


Ansible Automates

What is Automation Controller?

a UI and RESTful API allowing you to scale IT automation, manage complex deployments and speed productivity

- Role-based access control
- Deploy entire applications with push-button deployment access
- All automations are centrally logged
- Powerful workflows match your IT processes



Ansible Automates

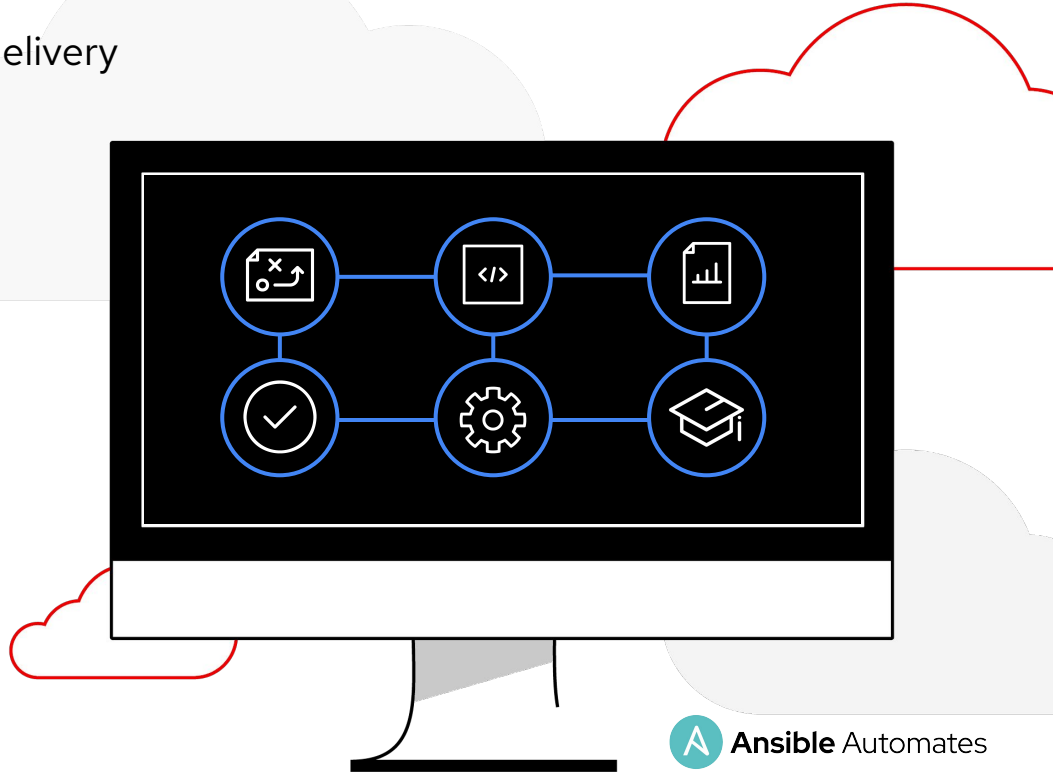
Collections

Simplified and consistent content delivery

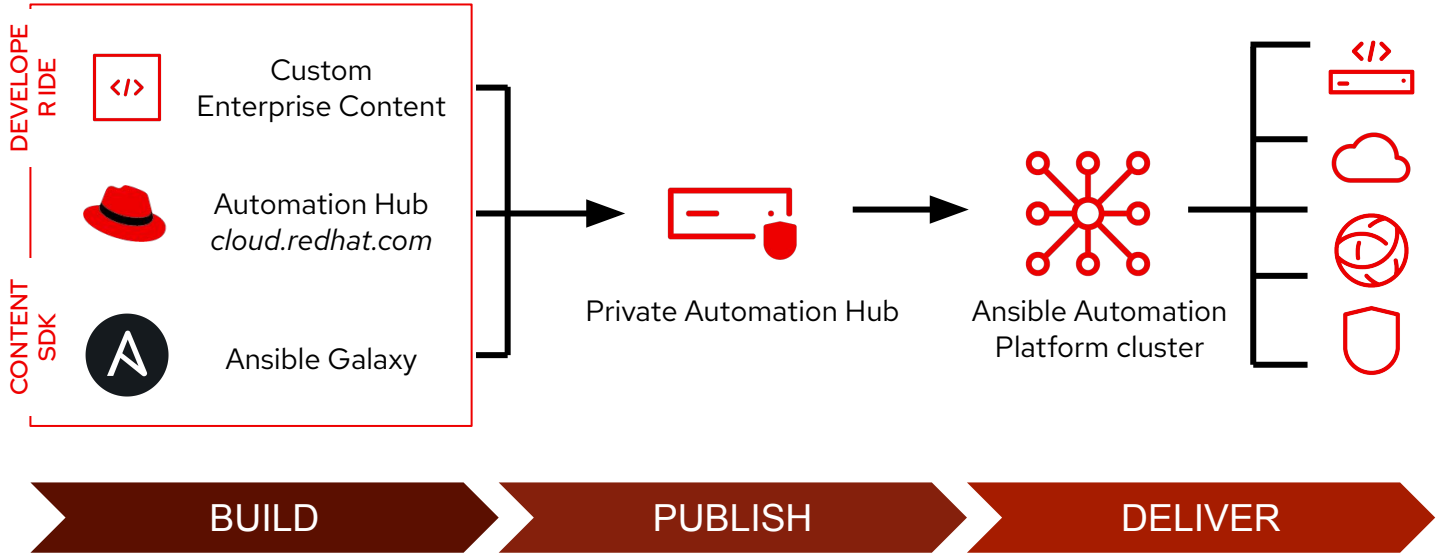
What are they?

Collections are a data structure containing automation content:

- Modules
- Playbooks
- Roles
- Plugins
- Docs
- Tests

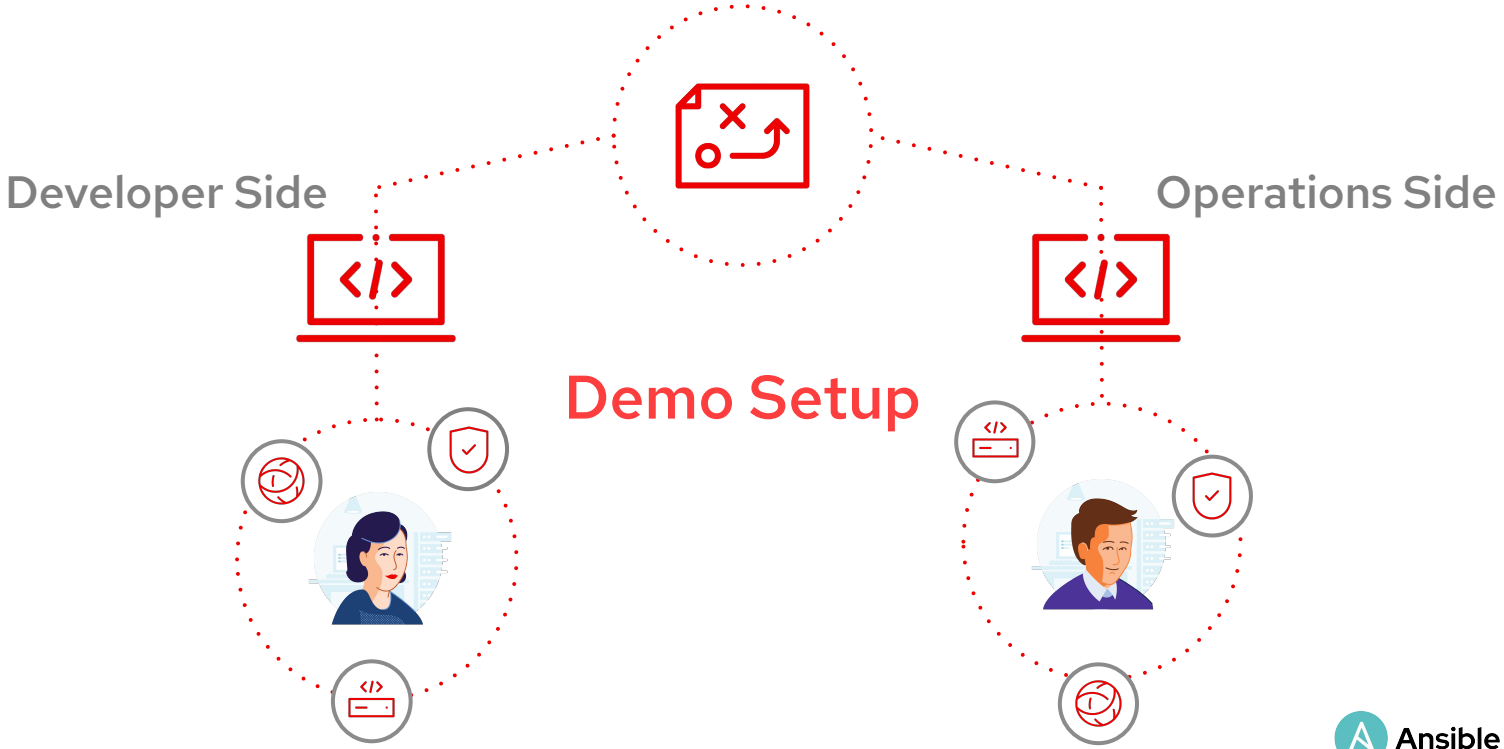


Automation Hub



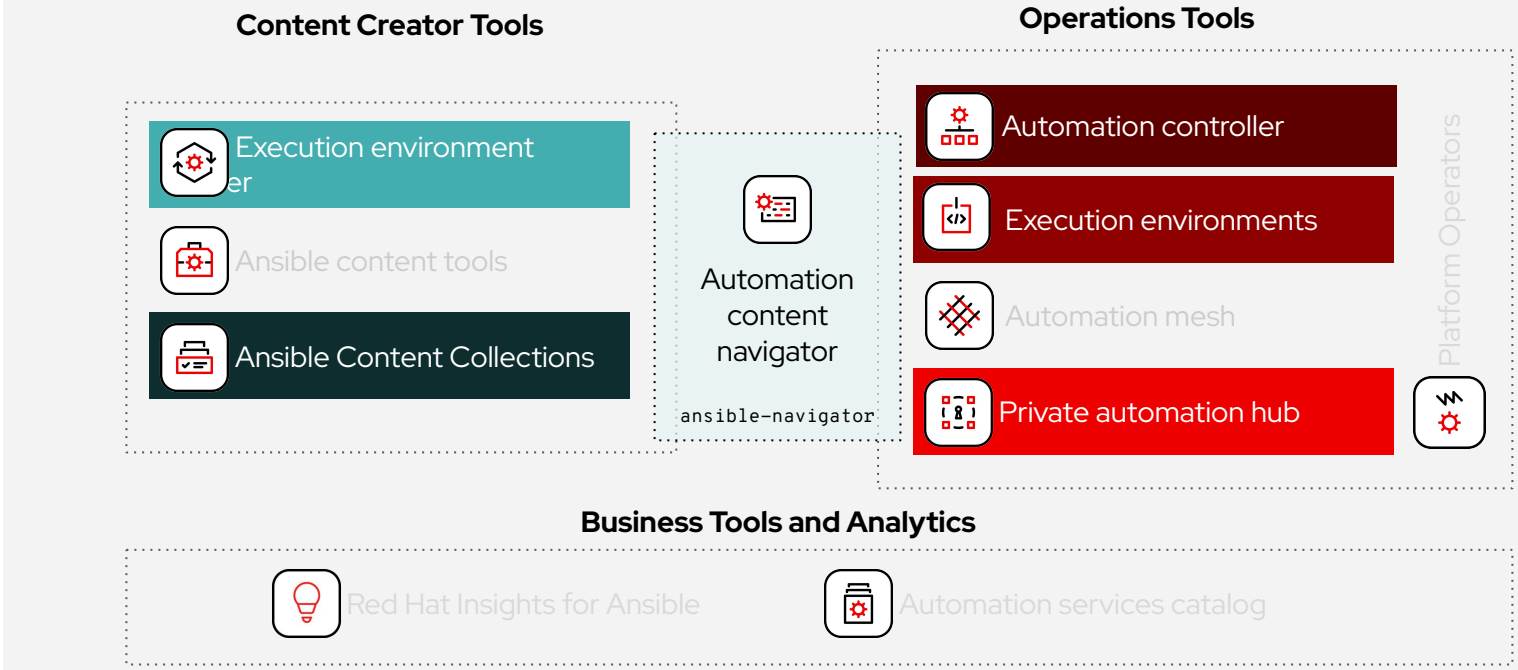
Ansible Automates

We will demonstrate our new use cases in a live demo



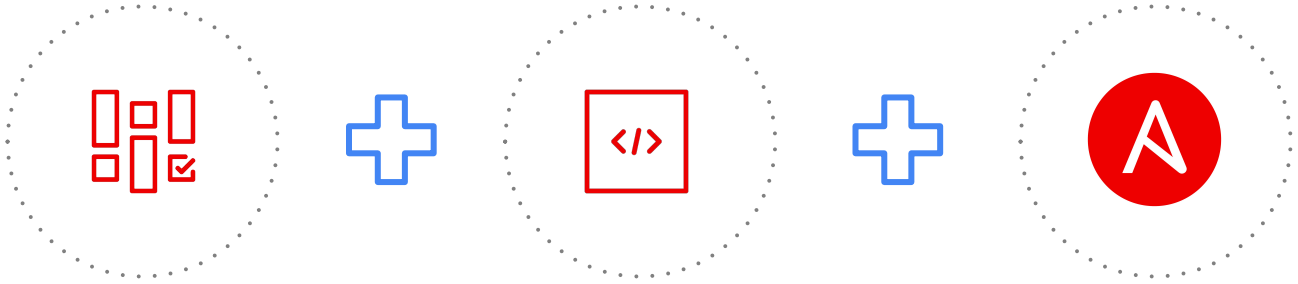
Ansible Automates

Red Hat Ansible Automation Platform



Ansible Automates

To execute Ansible, we need…



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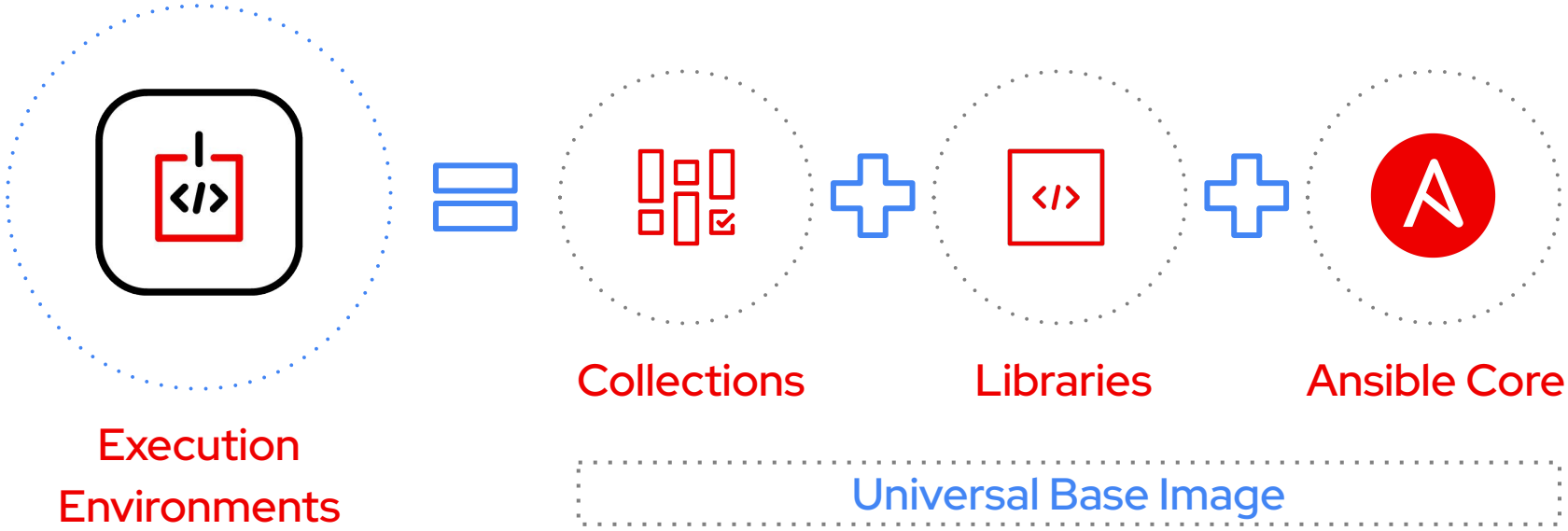
Automation Execution Environments

Components needed for automation, packaged in a cloud-native way



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New platform components

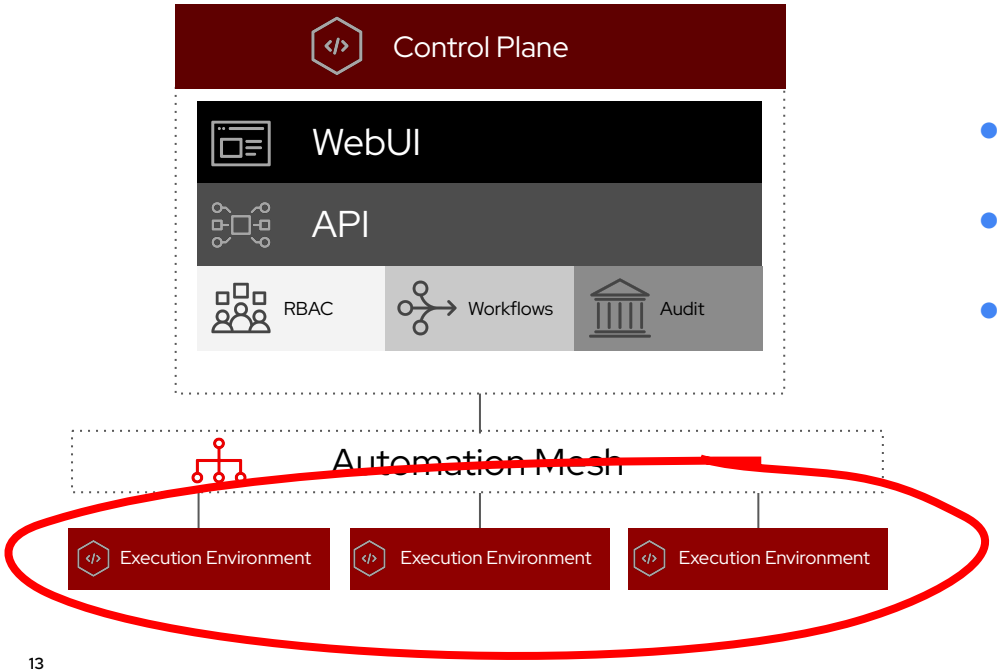
Ansible Builder

Command line tool leveraging podman that builds Ansible environments inside a container.

Ansible Navigator

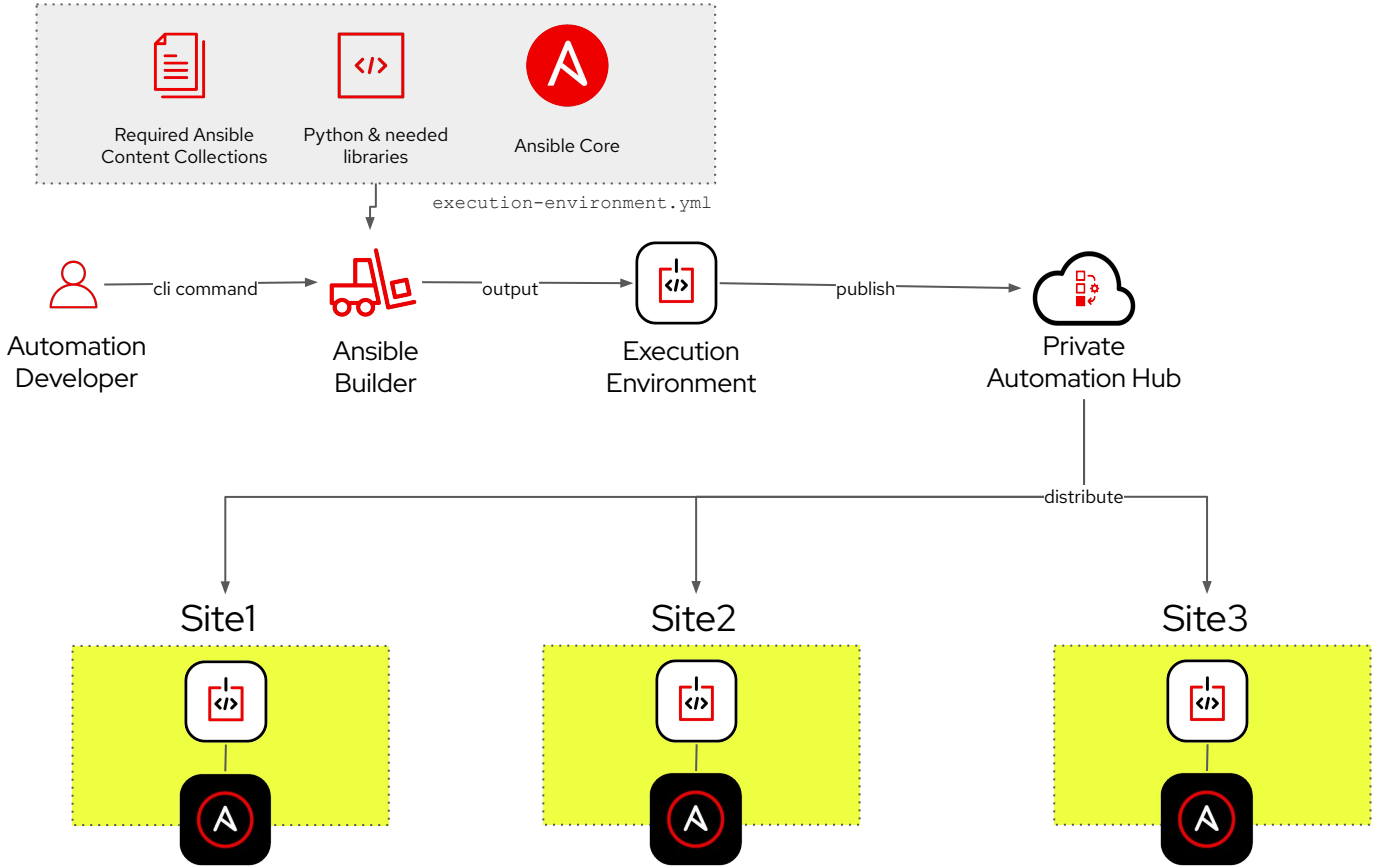
Command line tool for Execution Environments. Provides enhanced and familiar experience for Ansible creators.

Automation Controller Architecture



- Decentralized, modular application
- Decouple control plane and execution plane
- Containerized execution environments

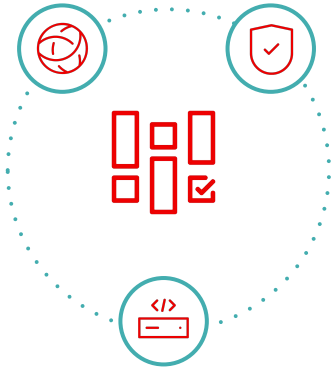
Execution Environment Workflow



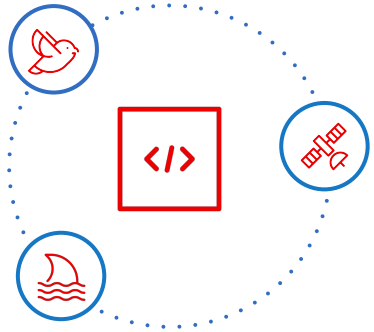
Ansible Automates

Many technologies, different life cycles

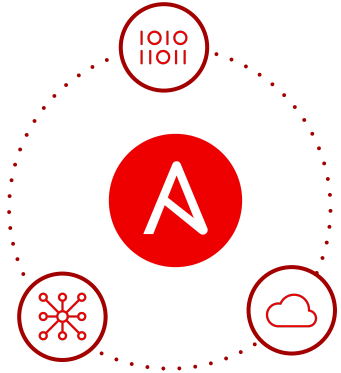
How to keep runtime environment, collections and dependencies aligned?



Collections

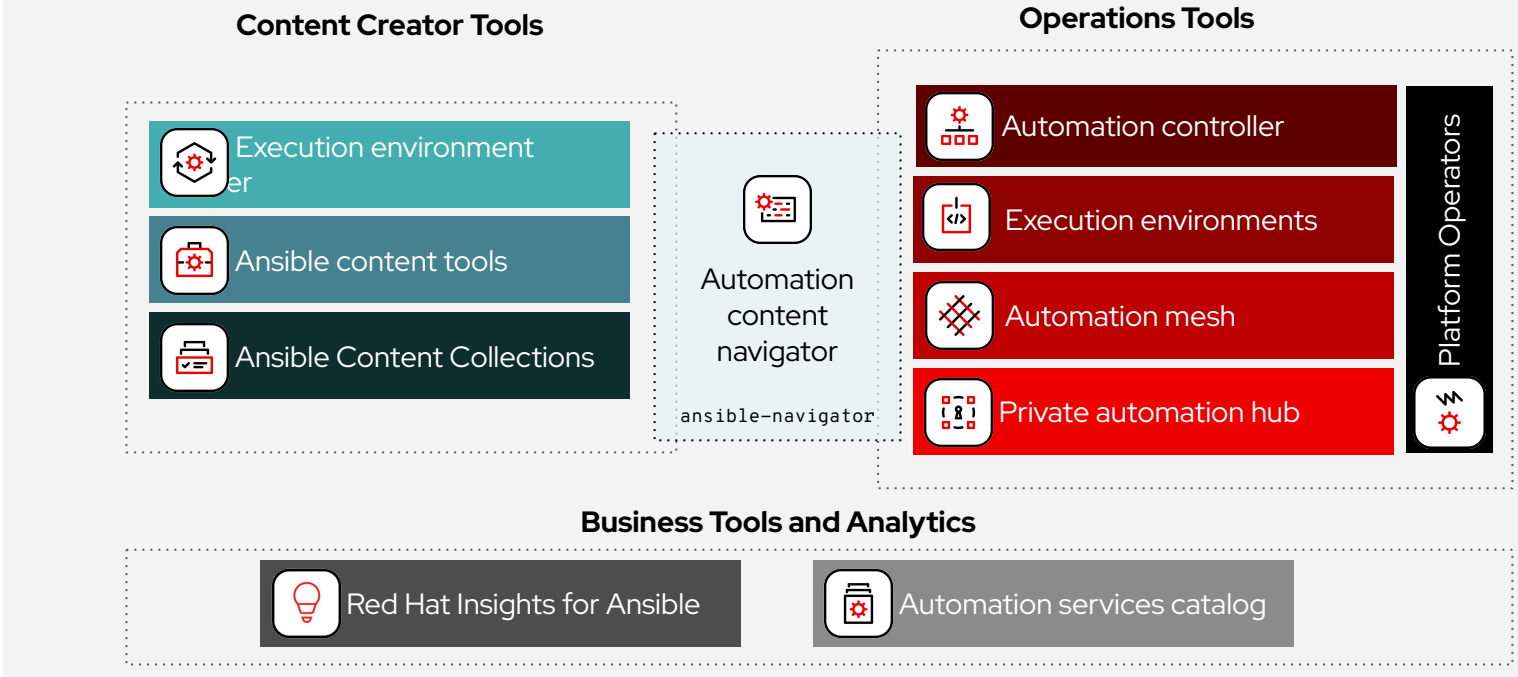


Dependencies



Runtime

Red Hat Ansible Automation Platform



Ansible Automates

Next Steps

Learn: Get hands on with the new tooling:
ansible.com/products/ansible-training

Explore: Ansible Automation Platform:
ansible.com/get-started

Engage: Start your automation adoption journey:
book a discovery session