



Ansible – The very first steps

Getting started with Ansible

At 13.03.2022 by Daniel Schier

Agenda



- Introduction
- Installation
- The first playbook
 - Play
 - Modules/Plugins
 - Tasks
 - Handlers
 - Roles
 - Collections
- Next Steps?



Introduction

Introduction



Daniel Schier

- Open Source enthusiast
- Ansible since 1.6
- Meetups, Conferences, Cats, Penguins, Cookies
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Installation

Installation

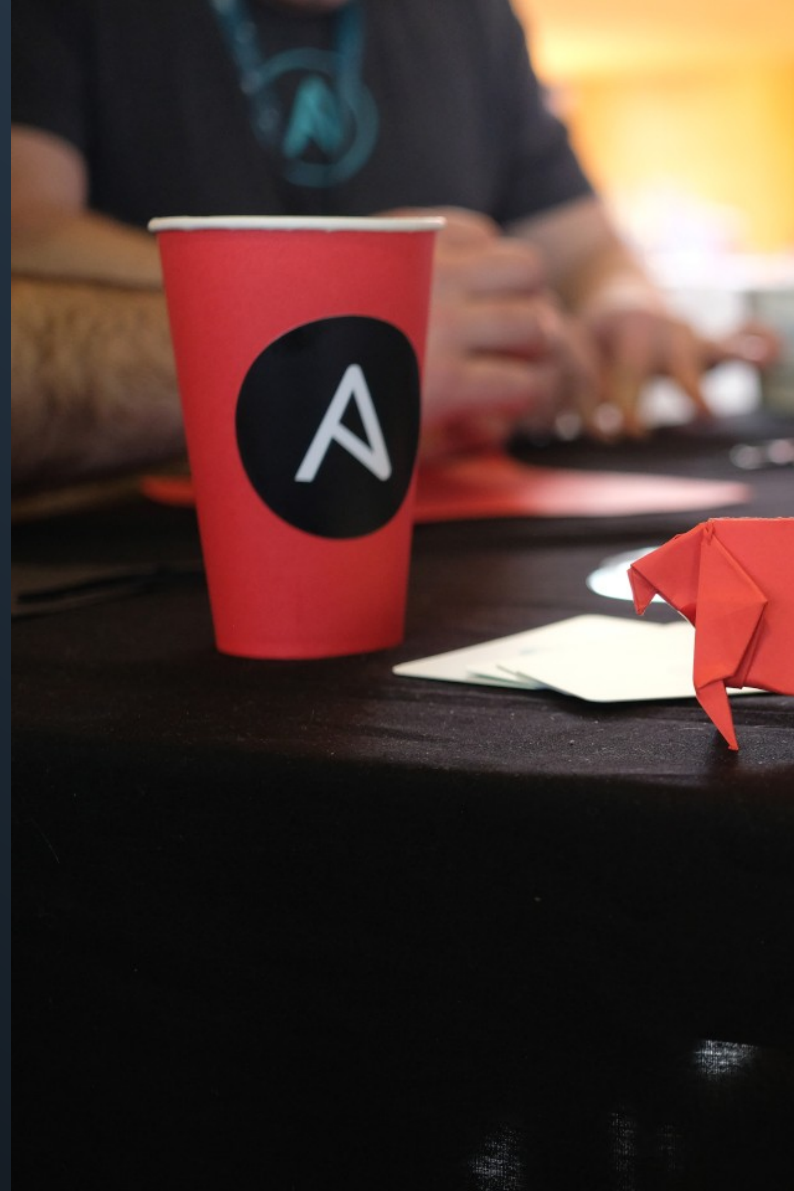
```
$ python3 -m venv ~/.my-venv
```

```
$ source ~/.my-venv/bin/activate
```

```
$ pip install ansible
```

```
$ ansible --version
```

```
$ deactivate
```





The first playbook

The first playbook

- Play
- Tasks
 - Modules
 - Arguments
- Handlers
- Roles
- Collections

```
! main.yml ×
fedora-workstation > ansible > roles > gnome_applications > defaults > ! main.yml
1 ---
2 # defaults/main.yml for gnome_applications
3
4 ## Package Management
5
6 gnome_app_unwanted_package_names:
7   - "gnome-abrt"
8   - "gnome-music"
9   - "gnome-photos"
10  - "libreoffice-core"
11  - "libreoffice-data"
12  - "libreoffice-opensymbol-fonts"
13  - "libreoffice-ure-common"
14  - "rhythmbox"
15  gnome_app_unwanted_package_state: "absent"
16
17 gnome_app_cloud_package_names:
18   - "fragments"
19   - "geary"
20   - "polari"
21  gnome_app_cloud_package_state: "present"
22
23 gnome_app_development_package_names:
24   - "gitg"
25   - "gnome-boxes"
26   - "gnome-builder"
27   - "gnome-connections"
28  gnome_app_development_package_state: "present"
29
30 gnome_app_gaming_package_names:
31   - "aisleriot"
32   - "gnome-2048"
33   - "gnome-chess"
34   - "gnome-games"
35   - "gnome-klotski"
36   - "gnome-mahjongg"
37   - "gnome-mines"
38   - "gnome-nibbles"
39   - "gnome-robots"
40   - "gnome-sudoku"
41   - "gnome-taquin"
42   - "gnome-tetravex"
43   - "quadrapassel"
44  gnome_app_gaming_package_state: "absent"
45
```




Next Steps

Next Steps



- Learning more modules
- Filters, Callbacks
- Dig into the ecosystem
- Write roles and collections
- Automate Cloud Providers
- Automate K8S
- Automate Hardware

Links



- https://docs.ansible.com/ansible/latest/user_guide/intro_getting_started.html
- <https://www.ansible.com/resources/webinars-training/getting-started-with-ansible-on-demand>
- <https://blog.while-true-do.io/ansible-overview/>
- <https://blog.while-true-do.io/ansible-getting-started/>
- <https://blog.while-true-do.io/ansible-ad-hoc/>
- <https://blog.while-true-do.io/ansible-playbooks/>



Questions & Answers

Learning something new starts with asking a question.