

AUTOMATION MADE SIMPLE

with



a talk by @erikaheidi

ANSIBLE OVERVIEW

Automation Made Simple with Ansible

@erikaheidi / DigitalOcean Meetup Berlin



Ansible

- Simple and straightforward language (YAML)
- Agentless Architecture
- Huge collection of built-in modules
- Great community, very popular on Github



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Inventories

```
#/etc/ansible/hosts
```

```
[dev]  
192.168.30.33
```

```
[prod]  
myserver.com  
otherserver.com
```



Playbook Example

```
- - -  
- hosts: all  
  become: true  
  tasks:  
    - name: Update apt-cache  
      apt: update_cache=yes  
  
    - name: Install Nginx  
      apt: name=nginx state=latest
```



Playbook Resources

- Variables
- Loops
- Conditionals
- Templates
- Ansible Vault



HANDS ON

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Playbook

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---
- hosts: all
  become: true
  vars:
    packages: ["nginx", "vim"]
    message: "1st DigitalOcean Berlin Meetup, YAY!"
  tasks:
    - name: Update apt-cache
      apt: update_cache=yes

    - name: Install Packages
      apt: name={{ item }} state=latest
      with_items: packages

    - name: Change Nginx index file
      template: src=index.tpl dest=/usr/share/nginx/html/index.html
      notify: restart nginx
  handlers:
    - name: restart nginx
      service: name=nginx enabled=yes state=restarted
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DEMO TIME!



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QUESTIONS?

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THANKS!

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