

Orchestrating Complex Processes with Nornir



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Agenda



The Nornir architecture

Your first Nornir runbook

Detour: Nornir "results"

Task grouping

Retooling existing code into Nornir

Nornir vs. Ansible



What Is Nornir?

Pure Python
automation
framework

Simplified
concurrency and
reporting

By David Barroso
[github.com/nornir](https://github.com/nornir-automation/nornir)
-
[automation/nornir](https://github.com/nornir-automation/nornir)



Nornir Basic Components

Configuration file

Inventory files

Variables

Runbook



Demo



A simple Nornir runbook



Demo



Exploring Nornir "results"



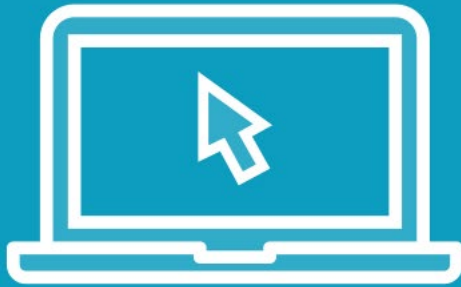
Demo



Grouping tasks in Nornir



Demo



Route-target management with Nornir



Comparing Ansible and Nornir

Ansible

YAML-based DSL

Playbooks, plays, and tasks

Ansible-specific DSL debugger

Get started faster

Nornir

Pure Python

Arbitrary flow

Well-known pdb

Go farther later

