



Workflow Orchestrator Community

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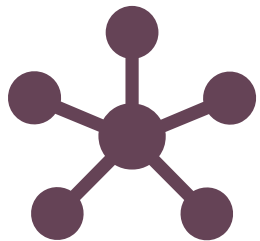
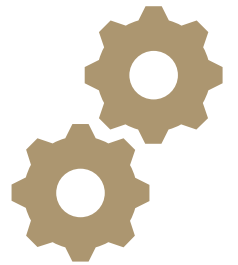
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Used in production by several organizations: SURF, Esnet, GÉANT, HEAnet

Integrates with lots of tools:

- Automation engines: NSO, Ansible (LSO/AWX)
- Other tooling: Infoblox, LibreNMS, Kentik
- SoTs: Netbox, IMS
- AAA: Geant AAI Service
- CRMs: MS Dynamics



Open source under Apache2

- A framework to model your constructs
- A workflow engine to execute your processes



- Setup under the Commons Conservancy
- All code is licensed under Apache 2.0
- All Intellectual Property remains at each member company
- Membership levels:
 - Partner
 - Graduate
 - Sandbox
- Mainly NREN's and networking use case but other use-cases as well



<https://workfloworchestrator.org/>





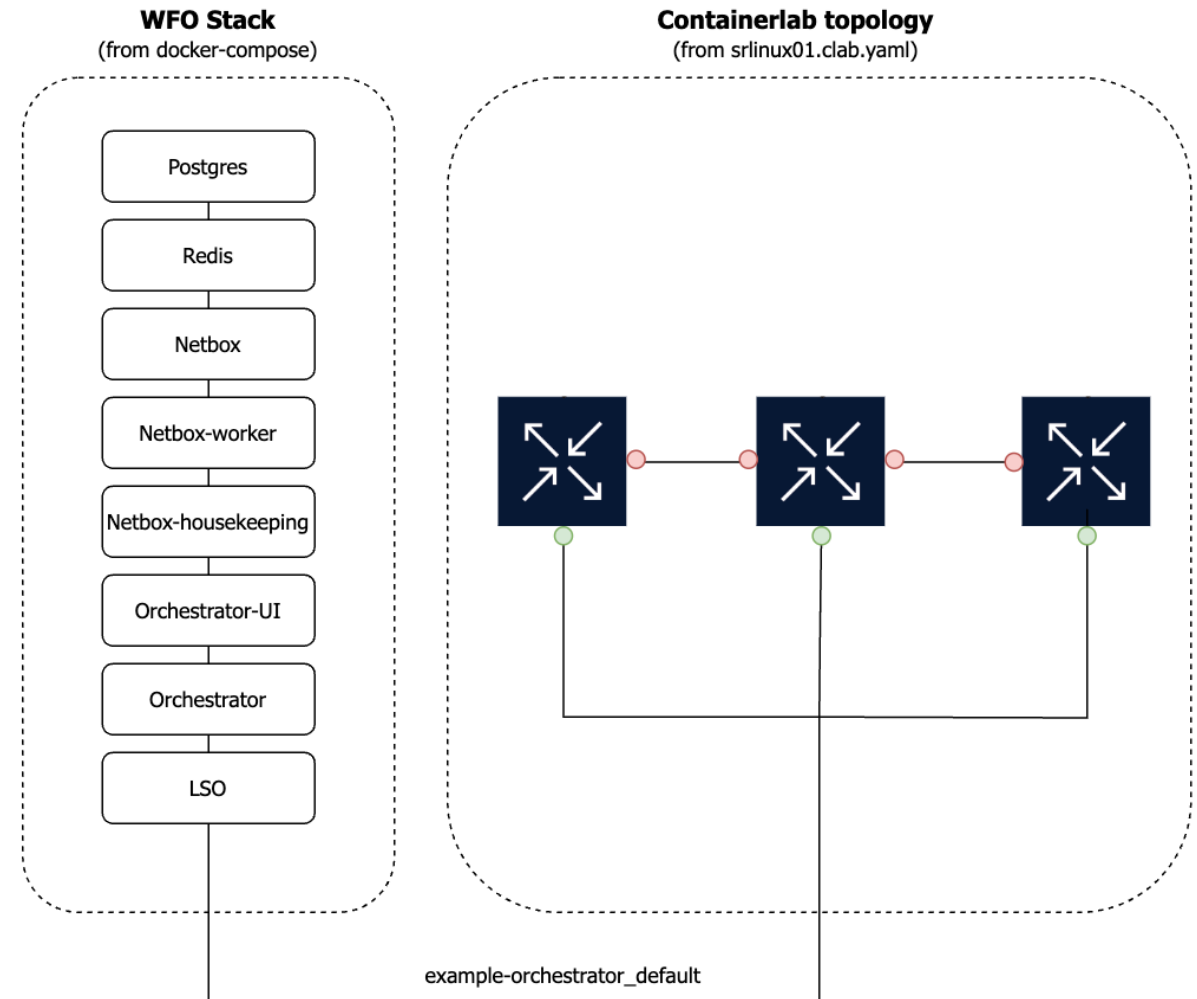
We have been busy...



- #geant-wfo slack channel:
 - 71 members from 19 different orgs
 - ...and growing 😊
- New website with updated docs and workshop
- FOSDEM24 – presentation in Network Track
- Autocon1 @Amsterdam - workshop
- TNC24:
 - 3 presentations
 - Workshops in the community area
- Autocon2 @Denver – workshop [Nov24]
- Focus is on documentation and training
- Stickers, lots of stickers!



- Take a look at the [demo](#):
- Try it yourself! [Run the workshop](#)
 - Based on Docker and Containerlab
 - Gives you something to play with
 - Uses LSO + Ansible to push config
 - Netbox as Source Of Truth
- You will be able to:
 - Deploy nodes and links
 - Explore the code
 - Expand it and try other things



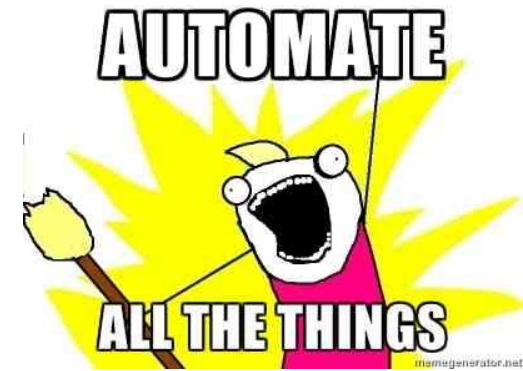


- Every organization in the program can onboard others:
 - Workshops – ad-hoc technical sessions
 - Regular calls
 - Support via Slack
- Domain models are public
 - For WFO
 - For NSO
- GÉANT code is all public
 - WFO models and workflows
 - Ansible plays and roles





- All kind of inputs/requests are welcome!
- We are present in most of the community events
- There are side-projects that are growing around WFO





- Opensource foundation - Workflow Orchestrator Programme:
 - <https://workfloworchestrator.org>
- Demo Orchestrator - Containing our best practices:
 - <https://github.com/workfloworchestrator/example-orchestrator>
 - <https://demo.workfloworchestrator.org>
 - <https://netbox.demo.workfloworchestrator.org>
- Examples of other NREN modelling:
 - GNA-G Network Automation Working Group: <https://github.com/gna-g/NAWG>
 - GEANT: <https://gitlab.software.geant.org/goat/gap>
- Orchestrator-core documentation:
 - <https://workfloworchestrator.org/orchestrator-core>



Thanks!

Questions?