NRELABS.IO

Learning Automation Without Barriers

with NRE Labs

Agenda

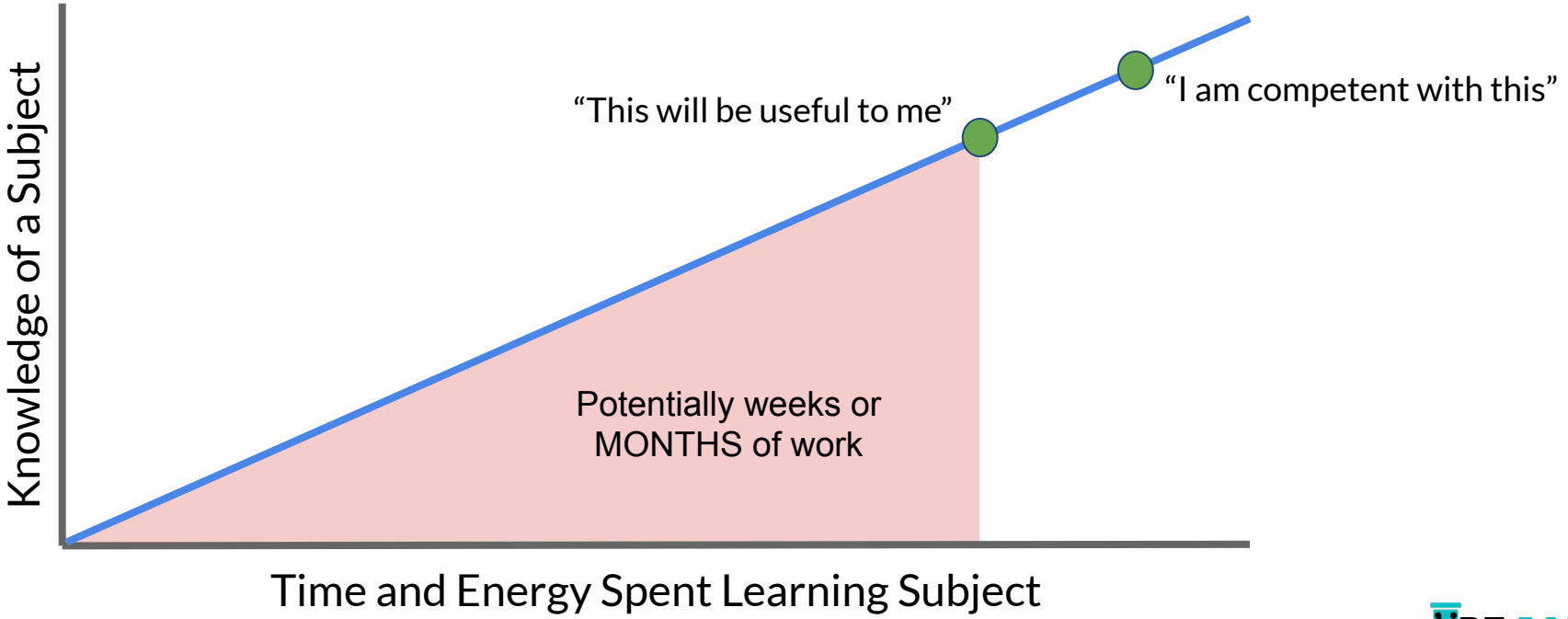
1. The Automation Adoption Problem
2. What is NRE Labs?
3. How NRE Labs Can Help You
4. Contributing to NRE Labs

NRE LABS

With automation, you have be an expert before you are allowed to be a beginner

(this is a problem)

Time Investment Minimum (TIM) - HIGH



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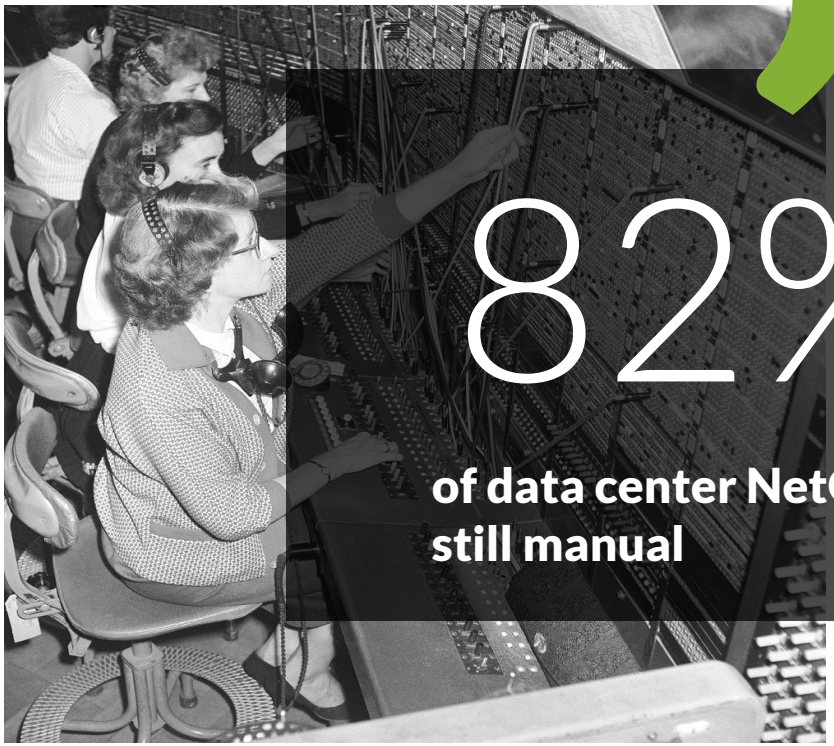

82%

of data center NetOps are still manual

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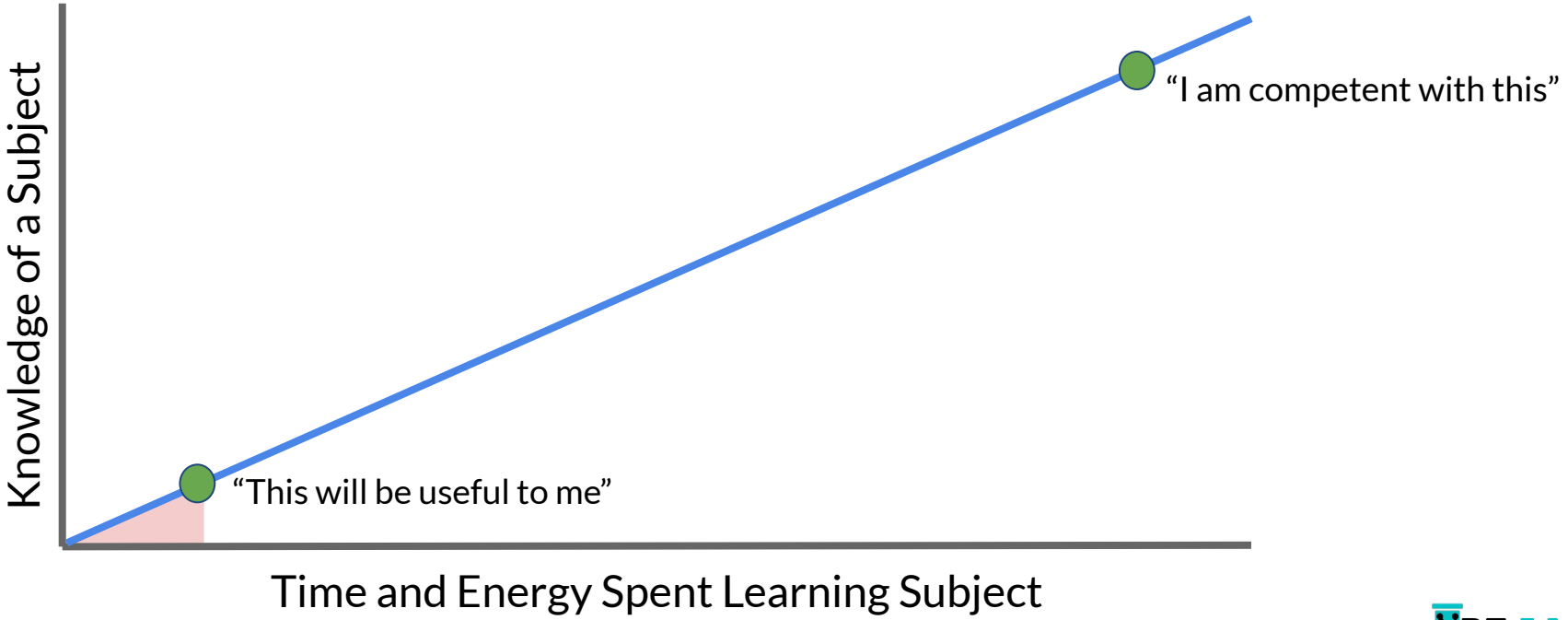
Time Investment Minimum (TIM) - LOW



NRE LABS

NRE Labs

Community platform for learning and teaching automation and Network Reliability Engineering

- Totally browser-based
- Internet-accessible
- Free - no login, paywall or creepy trackers
- Vendor-neutral
- Open Source (curriculum too!)

Our Mission

To remove traditional barriers to learning new, advanced skill sets, and meaningfully enhance and edify infrastructure professionals around the world

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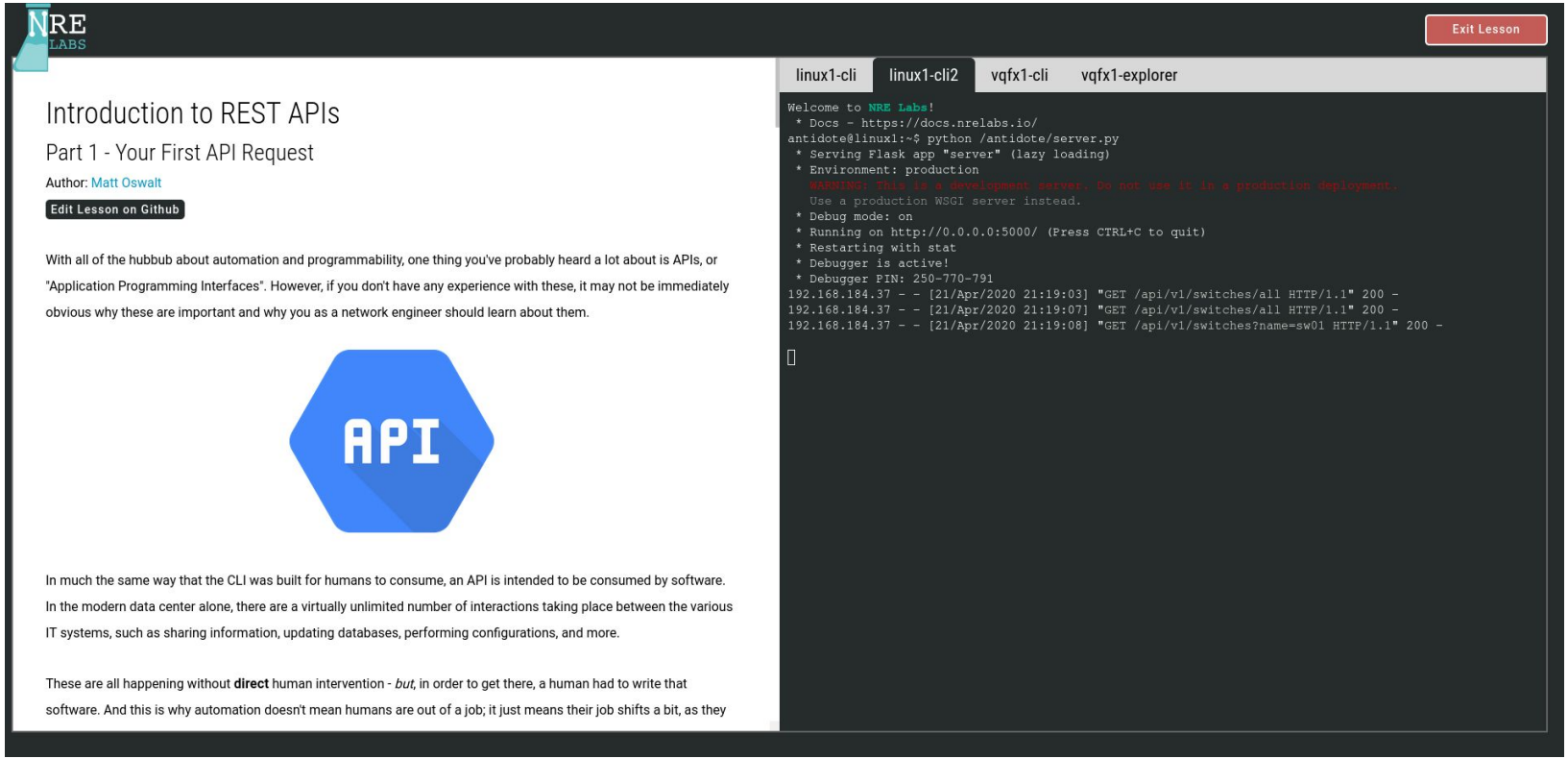
Interactive, Browser-Based, On-Demand.



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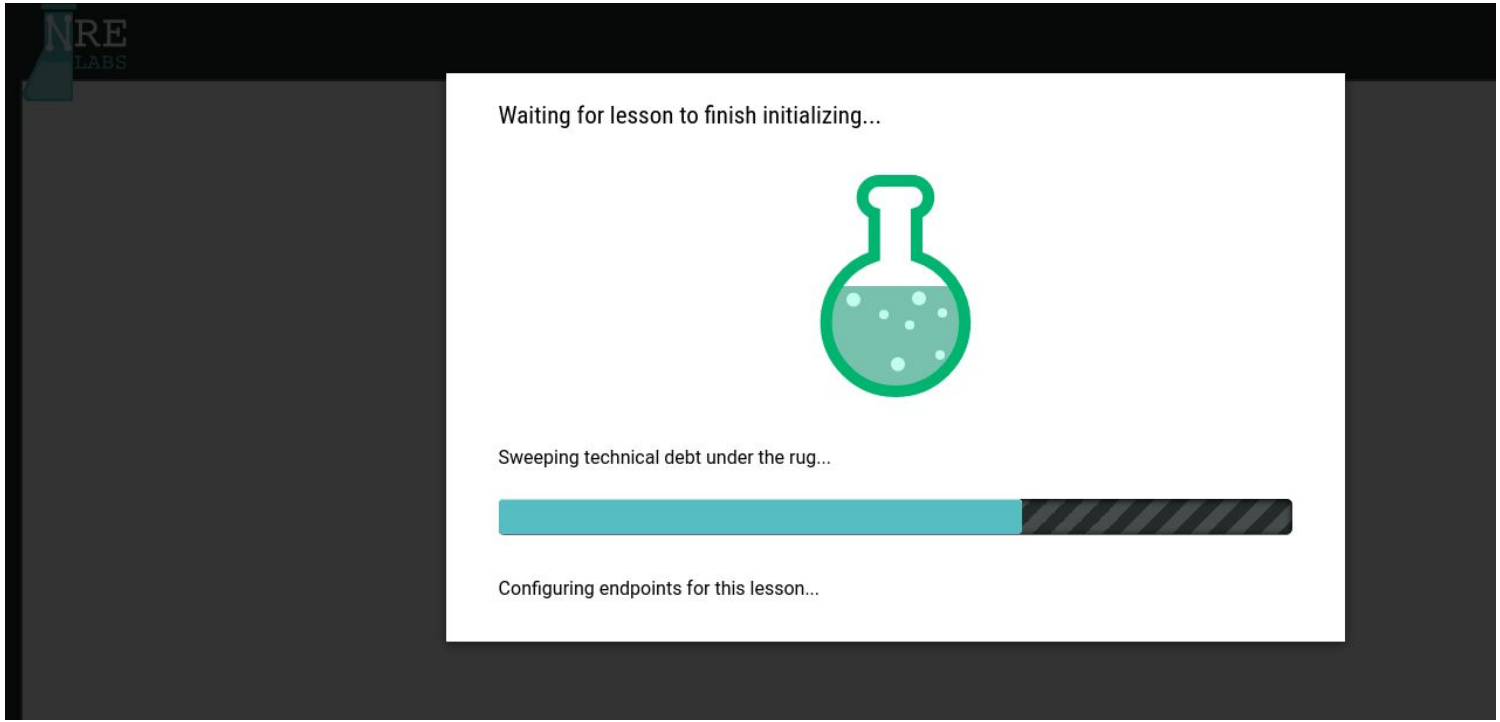
Focus on the Topic



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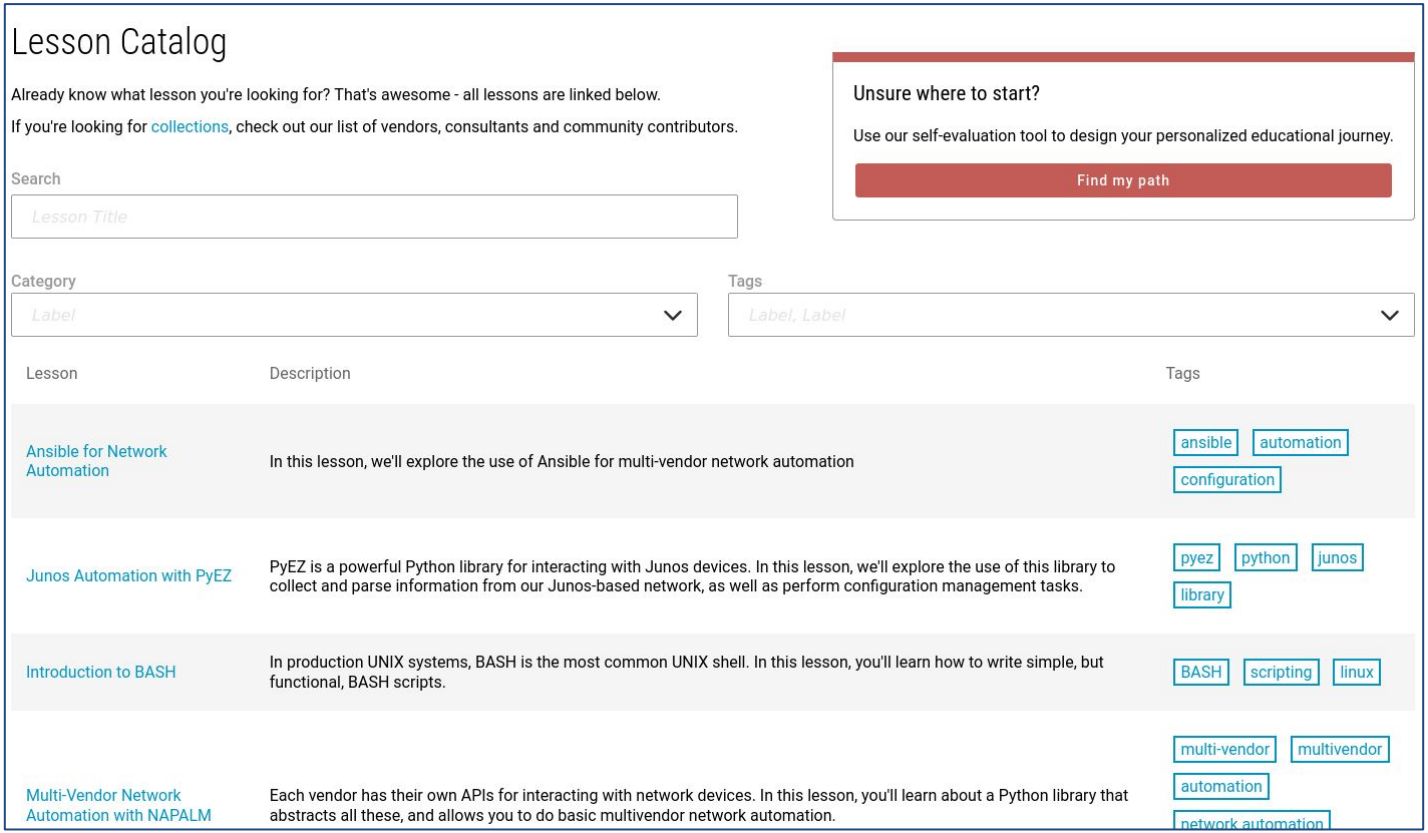
A Diverse and Growing Curriculum



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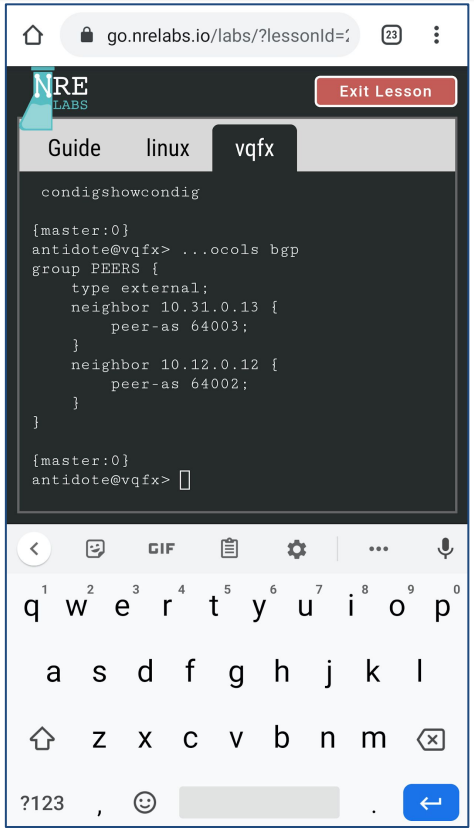
Junos On Your Phone!



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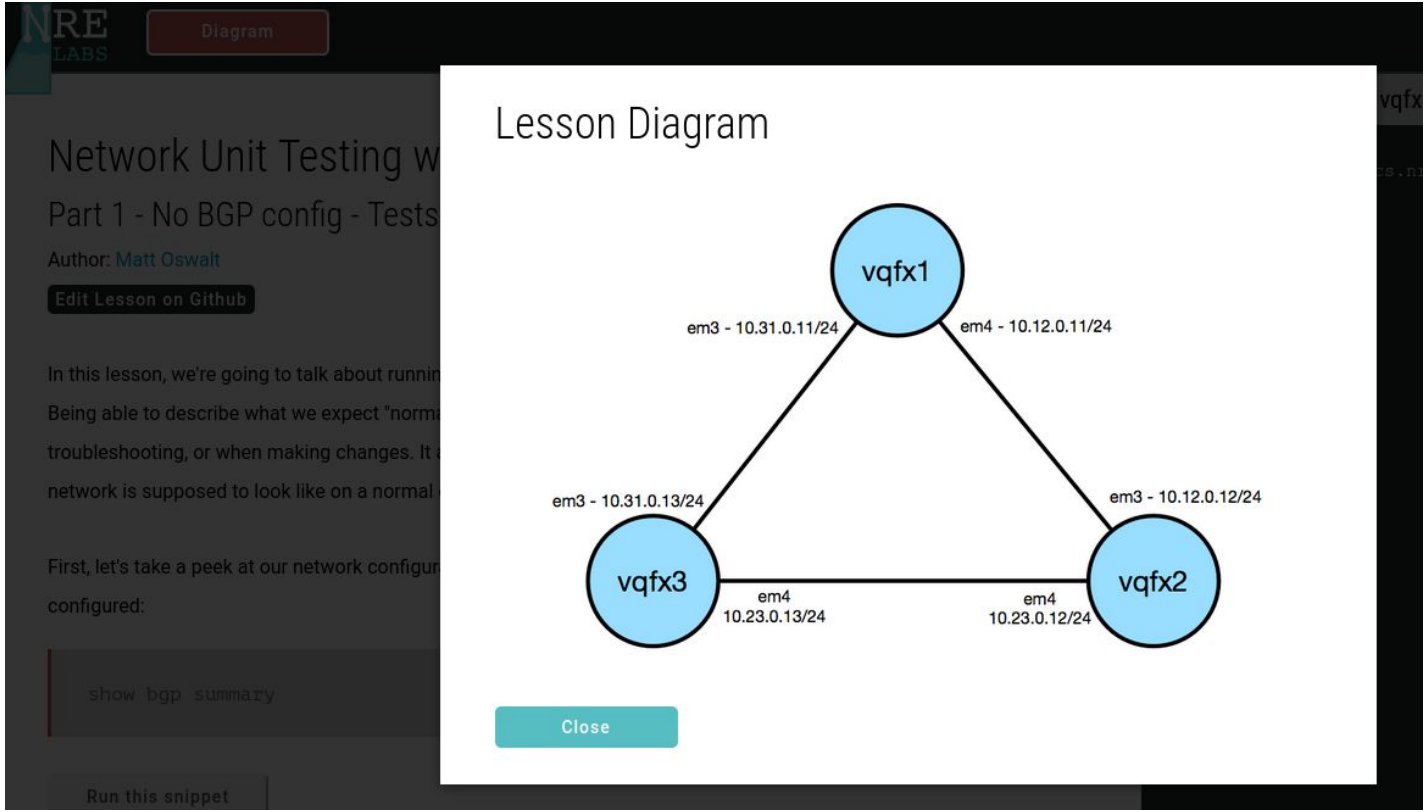
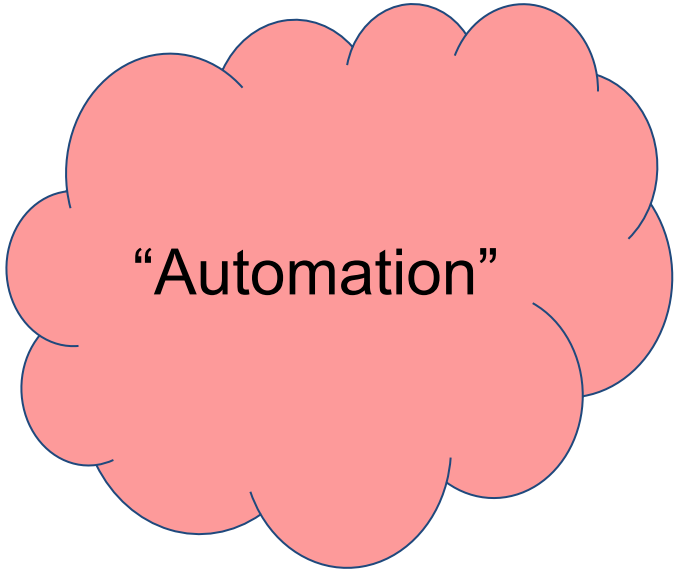
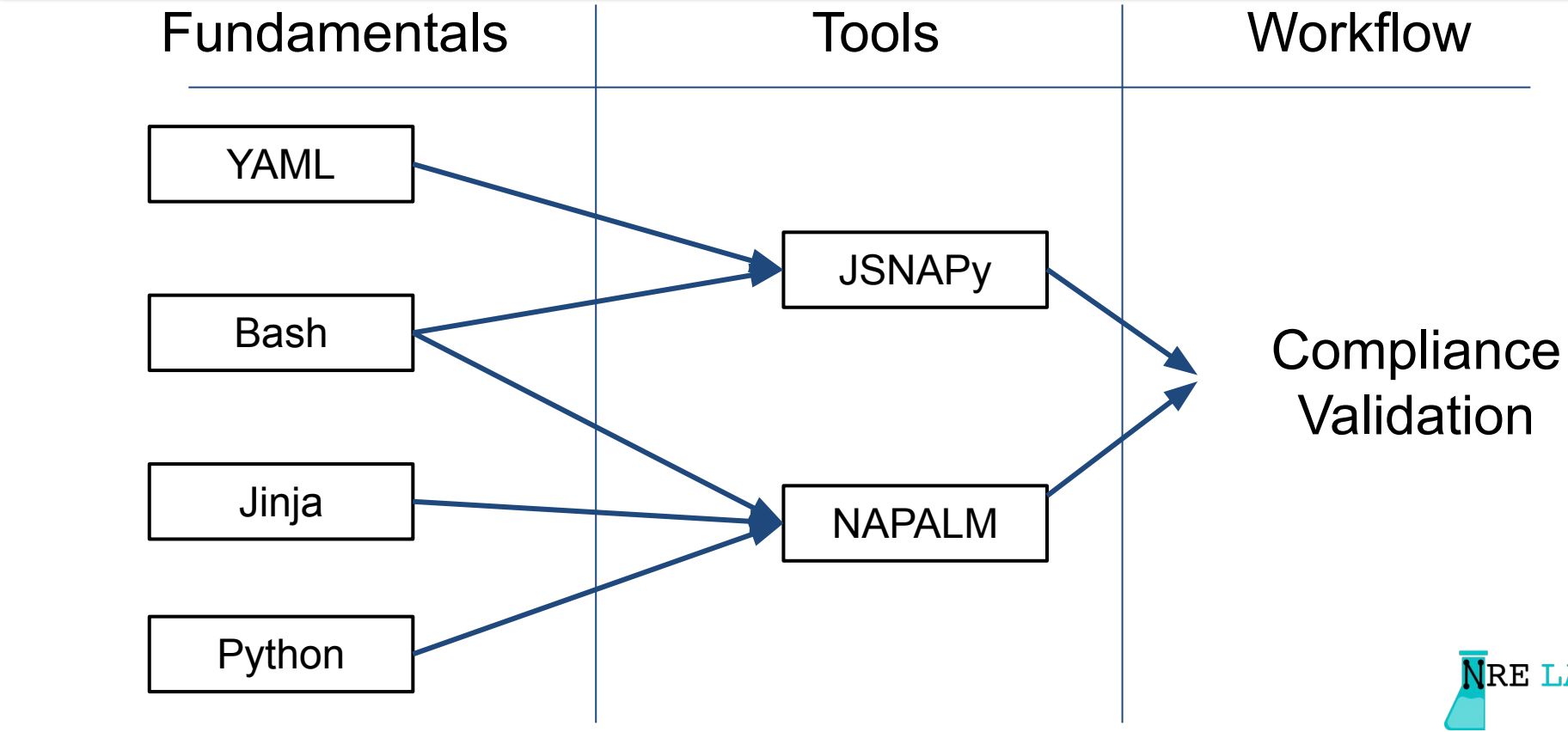
Pre-defined Topologies





Compliance
Validation

Mapping Out Pre-Requisite Knowledge



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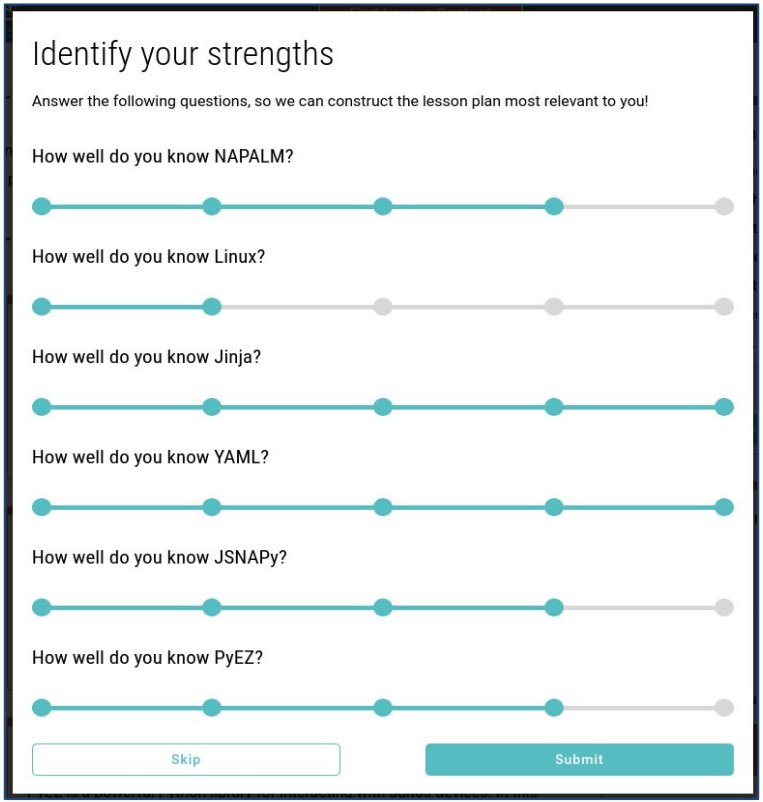
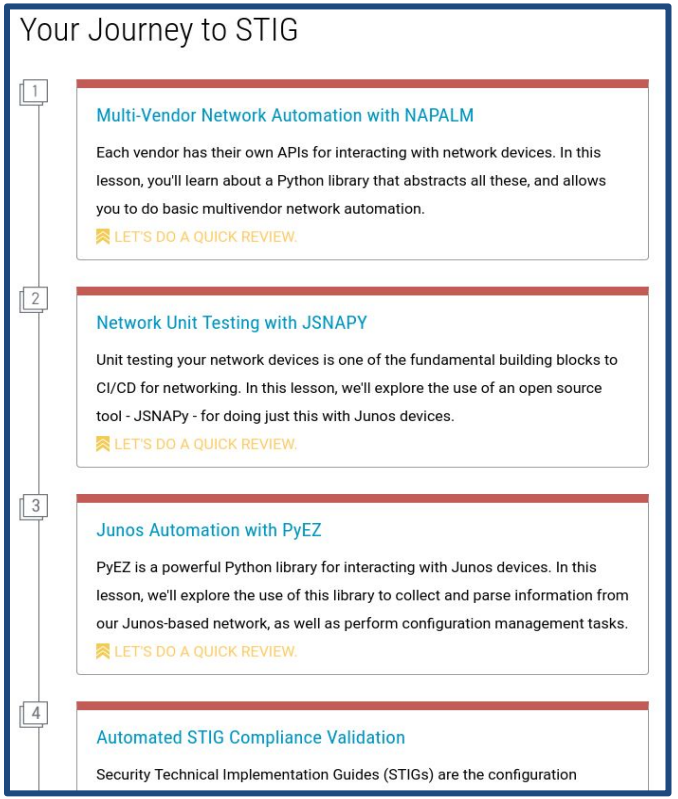
Course Advisor





NRE LABS

NRE Labs IS

- ✔ Pre-defined, easy to consume lessons on automation and NRE principles
- ✔ An Open Source project and curriculum - open to all to contribute
- ✔ Vendor-Inclusive

NRE Labs is NOT

- ✔ Build-your-own topologies
- ✔ A fully-featured demo or PoC platform
- ✔ “Owned” by any one of the sponsoring organizations. This is a community project.

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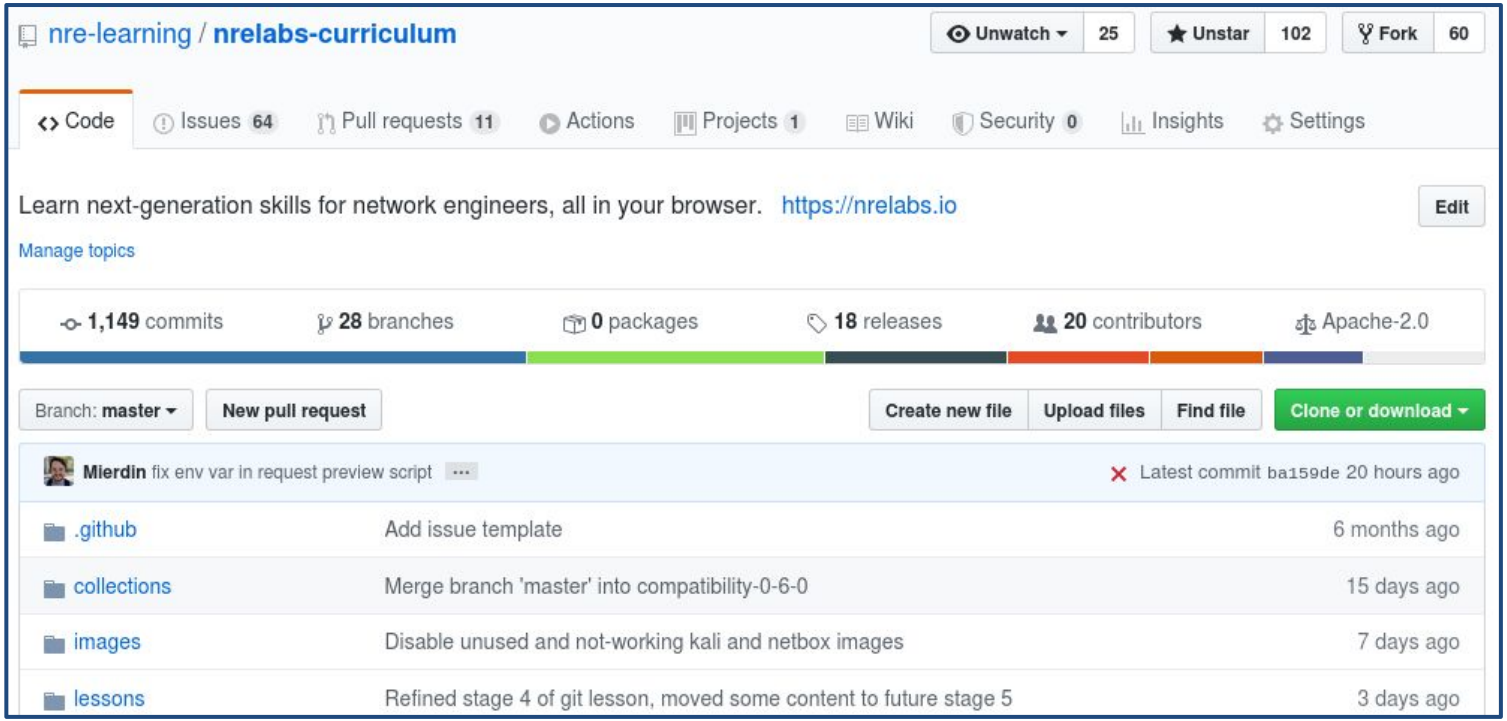
Contributing to NRE Labs



https://github.com/nre-learning/nrelabs-curriculum

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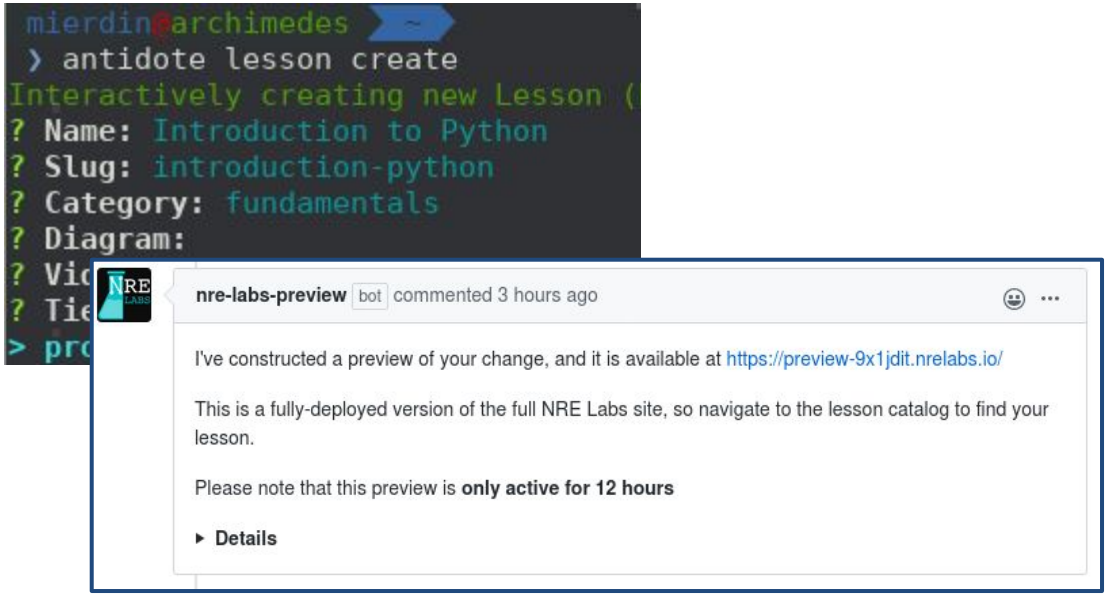
Contributing to NRE Labs

Start here - docs.nrelabs.io/creating-contributing/getting-started

1. Bootstrap new lesson
2. Open Pull Request
3. Iterate until finished
4. Review and merge



NRE LABS

Resources

Homepage - nrelabs.io

Forums - discuss.nrelabs.io

Docs - docs.nrelabs.io

Open Source - github.com/nre-learning

Twitter - @NRELabs

No Contribution Too Small!

- Use NRE Labs and open issues!
- Lesson Contributions - new or existing
- Platform enhancements/fixes

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Thank You!