Programmable Test Infrastructure for Programmable Infrastructure

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Network Test So Far

• Lab Test
• Isolated Box

• Left Unsaid
  • Test Infra NOT Our Problem
  • Operations NOT Our Problem
Test Infrastructure Matters!

Test Infrastructure is AS Important as Tests, Test Tools!
Keysight in Ecosystems

- Innovation Thru Ecosystems
- Ecosystems are Unique
Smart NIC System Test Setup
Data Center In A Box

- Off the Shelf Switch
- Real Behavior

- Goodbye
  - Re-cabling
  - Maintenance
Data Center In A Box

- Additional Traffic
- Link Failures
- Congestion
- Packet Loss
- ECMP, QoS
- …
Data Center In A Box

- Open
- Model Driven
- Vendor Agnostic

API

https://github.com/open-network-experiments
Collaborate With Us!

• Open Network Experiments – ONEx
  • [https://github.com/open-network-experiments](https://github.com/open-network-experiments)

• Open Traffic Generator - OTG
  • [https://github.com/open-traffic-generator](https://github.com/open-traffic-generator)

We also make traffic generators!