ANNOUNCING AVAILABILITY OF: THE NDDI OPEN EXCHANGE SOFTWARE STACK (OE-SS)
What is OE-SS?

- NDDI: Network Development and Deployment Initiative
- OS3E: Open Science, Scholarship, and Services Exchange
- OE-SS: Open Source software which powers the OS3E Service
- Provides for on-demand virtual circuit (VLAN) provisioning on an OpenFlow substrate
- Available to community for deployment of similar services
- Apache 2.0 license
- Available today!
OE-SS

- Hardware independence via OpenFlow
- Rapid intra-domain provisioning < 1 sec
- Backup paths with automated fail over
- Redundant controllers
- Automated discovery
- Automated measurement
- Under development
  - Multipoint VLANs
  - Reserved bandwidth
  - Q-in-Q tag stacking
Using OE-SS

• Hosted on Google Code:
  – http://code.google.com/p/nddi/

• Contact Internet2 NOC (noc@net.internet2.edu) with any questions.

• Discussion mailing list coming soon. Watch Google Code page for details.