Accelerating the Adoption of SDN & NFV







OPEN NETWORKING FOUNDATION

+ ON.LAB









Dynamic Configuration of Devices and Services with ONOS

Solution Showcase @ ONS2017

Participating Organizations













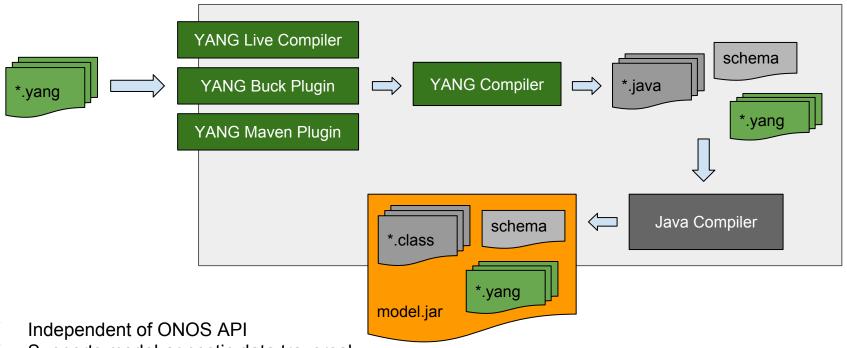




- Goal is to enable a network operator to seamlessly configure devices from different vendors and to verify the configuration
 - With minimal or no human intervention
- Offers significant OPEX savings and vendor independence for network operators
- Offers vendors faster integration of their products into operator's networks

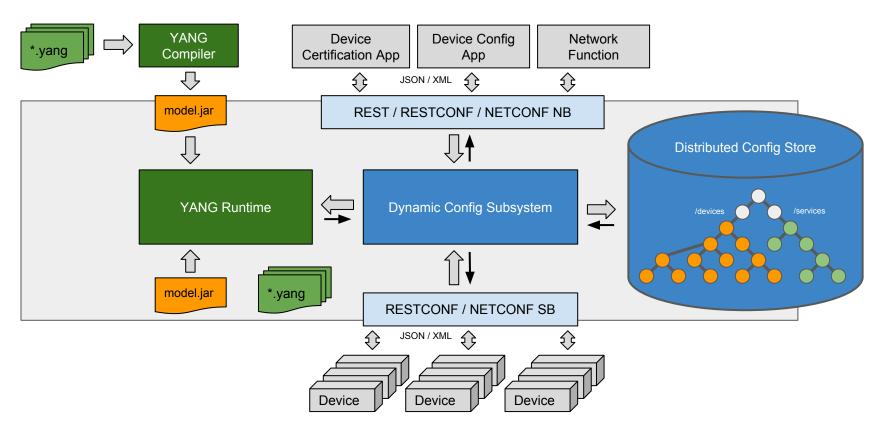
YANG Tool Chain



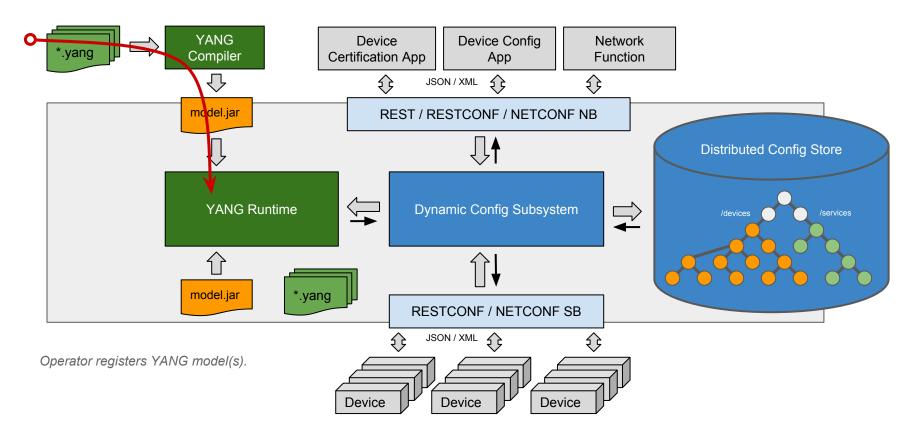


- ✓ Supports model-agnostic data traversal
- ✓ Generates schema for run-time validation and encoding/decoding
- ✓ Generates model-specific rich data types

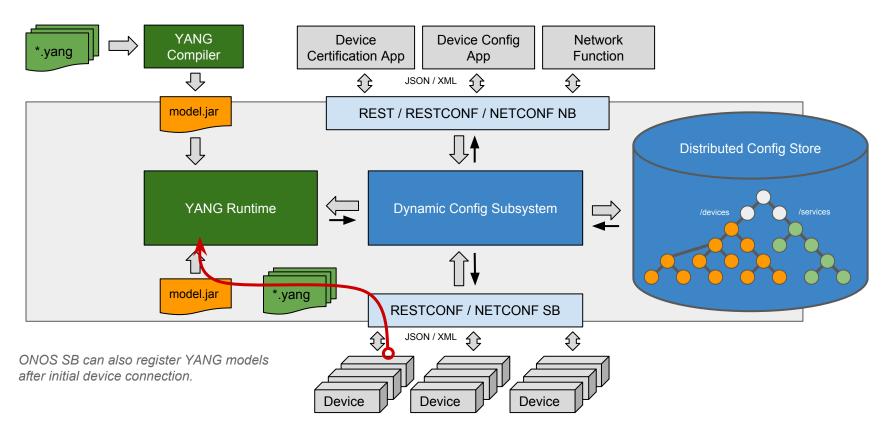




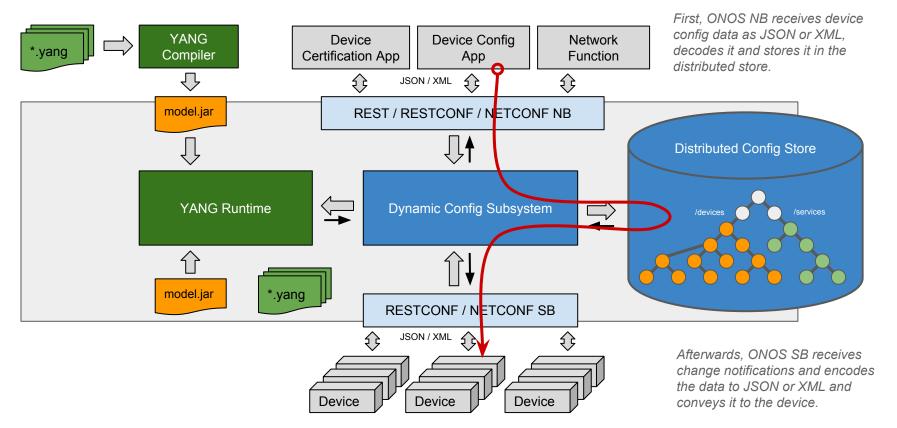








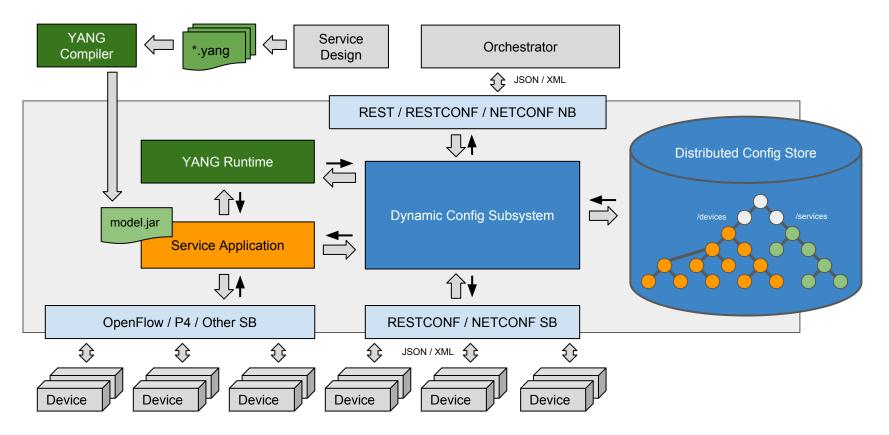




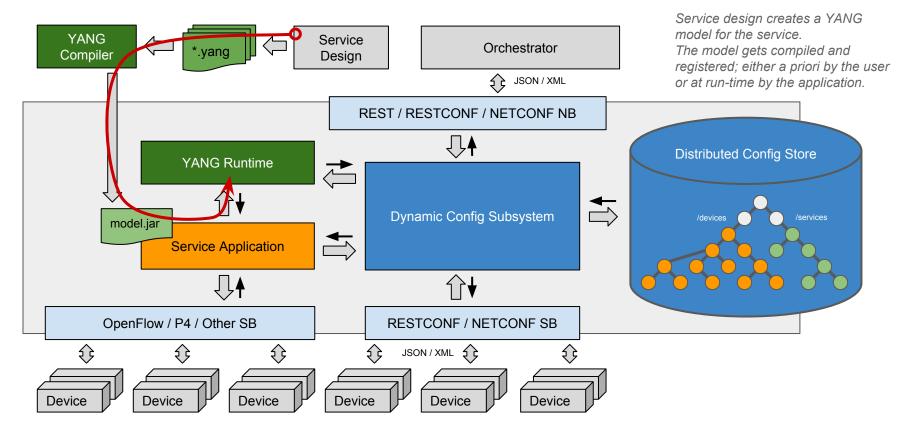


- Goal is to enable a network operator to seamlessly configure and provision a service on the network comprising many devices from many vendors
 - With minimal or no human intervention
- Provides network operators with agility to deploy new services with reduced OPEX
- Offers vendors opportunity to support many services on their devices

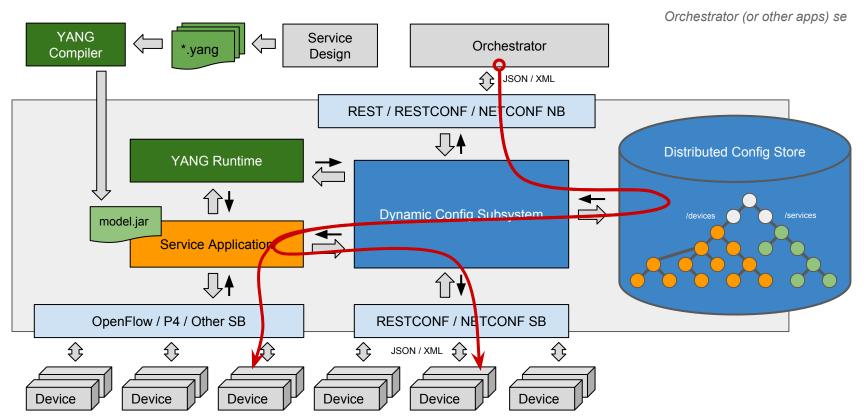














Software Defined Transformation of Service Provider Networks