Model-Driven Service Abstraction Layer (MD-SAL)

Controllers in a Cluster

RPCs

Notifications

Data

App/Service

App/Service

Plugin

Plugin

YANG Models

OPEN DAYLIGHT
OpenDaylight Community
Projects in OpenDaylight

- [https://wiki.opendaylight.org/view/Project_list](https://wiki.opendaylight.org/view/Project_list)

- Categories
  - Kernel
  - Services
  - Applications
  - Metaprojects
Kernel

• AAA
• YANG Tools
• OpenDaylight Controller
• MD-SAL
• NETCONF
• ODL Root Parent
Plugins

- BGP
- CAPWAP
- IoTDM
- LACP
- LISP
- OVSDB
- OpFlex
- OpenFlow Plugin
  - Protocol Library
  - Circuit switching extensions
  - OF-CONFIG
  - Table Type Patterns
- PCEP
- PacketCablePCMM
- SNMP
- SXP
- Secure Network Bootstrapping
- TCPMD5
- USC
- YANG PUBSUB
Services

- Armoury
- Centinel
- Controller Shield
- DIDM
- FaaS
- Messaging4Transport
- NeutronNorthbound
- NeXt
- ODL-SDNi App
- Reservation
- TSDR
- Topology Processing Framework
- VPNService
Applications

• ALTO
• Group Based Policy (GBP)
• L2 Switch
• NEMO
• NetIDE
• Network Intent Composition
• OpenDaylight dlux

• OpenDaylight Virtual Tenant Network (VTN)
• Service Function Chaining
• SNMP4SDN
• UNI Manager
Metaprojects

- Controller Core Functionality Tutorials
- Documentation
- Integration/distribution
- Integration/Packaging
- Integration/Test
- RelEng/Autorelease
- RelEng/Builder
- Spectrometer
Ways to get involved

- **IRC:** #.opendaylight on freenode: [http://webchat.freenode.net/](http://webchat.freenode.net/)
- **Mailing lists:** [http://lists.opendaylight.org/](http://lists.opendaylight.org/)
- **Wiki:** [http://wiki.opendaylight.org/](http://wiki.opendaylight.org/)
- **Documentation:** [https://www.opendaylight.org/downloads](https://www.opendaylight.org/downloads)
  - On github: [https://github.com/opendaylight/docs/](https://github.com/opendaylight/docs/)
- **Git/Gerrit:** [http://git.opendaylight.org/](http://git.opendaylight.org/)
  - Create an account: [https://identity.opendaylight.org/carbon/user-registration/user-registration.jsp](https://identity.opendaylight.org/carbon/user-registration/user-registration.jsp)
- **Projects:** [https://wiki.opendaylight.org/view/Project_list](https://wiki.opendaylight.org/view/Project_list)
  - Individual pages have links to meeting times, code, bugs, IRC channels, etc.
- **Meetings:** [https://wiki.opendaylight.org/view/Meetings](https://wiki.opendaylight.org/view/Meetings)
Dormant Projects

- Affinity
- Defense4All
- Discovery
- OpenDOVE
- Plugin to OpenContrail
- Toolkit
- Persistence