OpenDaylight - Summary

› **Project Functionality:**

   › OpenDaylight project is an open source platform for Software Defined Networking (SDN) that uses open protocols to provide centralized, programmatic control and network device monitoring.

› **Latest Release:**

   › Sodium : September 2019

     › S3P, technical debt reduction, multiple new features in the areas L3 VPN, EVPN, Neutron Integration, Tap as a Service, OpenFlow Tunnels, auto tunnels, CoE, etc.

   › Magnesium (upcoming) : March 2020

     › Java 11, Micro Distribution (initial work)
Last one year stats show:

- 143 authors, 9070 commits across 46 repositories
- Contributions from several organizations - but increasingly more from the top 3 (Pantheon, Lumina & Ericsson) and particularly from the top contributor.
- Total Git commits lower than an year ago - but reasonably steady
  - Note: Bitergia has not been updated to track emails from the new email system - groups.io (Sept 2019 onwards).

Source of info: https://opendaylight.biterg.io/app/kibana#/dashboard/Overview?_g=()
Beyond the tools stated above for bug tracking - ODL uses JIRA (previously bugzilla); for Wiki migrating to Confluence and for mailing lists groups.io (previously mailman)
OpenDaylight - Cross-Project Interaction

» ONAP has dependencies on OpenDaylight
  » ODL & ONAP have had couple of meetings together in the last 2-3 months (at the DDF and one after that)
  » An outcome of the meeting was for ODL to provide ONAP with an ODL distribution tailored to ONAP

» OPNFV and ODL
  » In the early days some use cases were end-to-end system tested in OPNFV
Feedback from OpenDaylight to LFN

› What’s working well that others should know about?
   › Overall the transition to LFN from being a standalone project in LF has been smooth.

› Where is help needed?
   › More developers from LFN companies not currently participating in OpenDaylight
   › ONAP community uses ODL and it would be nice to see more upstream ODL contributions from ONAP community in strengthening ODL in areas needed by ONAP

› What would do differently over past year?
   › Take advantage of LFN cross project collaboration events