Using community metrics to evaluate your open source projects

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LINUX FOUNDATION
COLLABORATIVE PROJECTS

Agenda

- What is OPNFV?
- What community metrics are we looking at in OPNFV?
- How are community metrics used?
- Looking ahead…

Open Platform for NFV (OPNFV) facilitates the development and evolution of NFV components across various open source ecosystems. Through system level integration, deployment and testing, OPNFV creates a reference NFV platform to accelerate the transformation of enterprise and service provider networks.

OPNFV

Open Source MANO

OPEN-O

THE LINUX FOUNDATION

openstack.

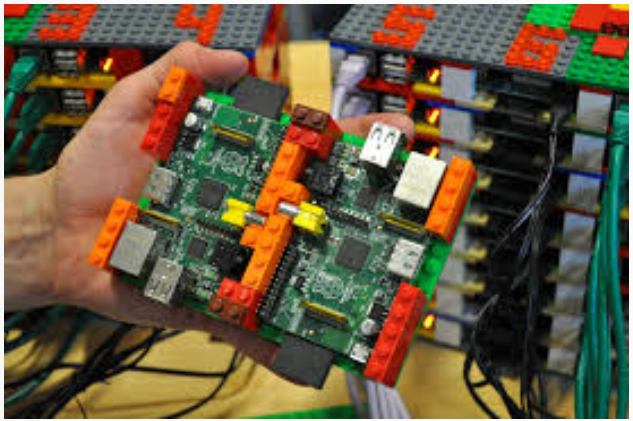
ETSI

IETF

OPEN BATON

CLOUD NATIVE COMPUTING FOUNDATION

ONF OPEN NETWORKING FOUNDATION



Integration

Testing

Upstream First

OvS Open vSwitch

KVM

OPENDAYLIGHT

onos Open Network Operating System

OPENCONTRAIL

ceph

DPDK

fd.io

OPEN CONTAINER INITIATIVE

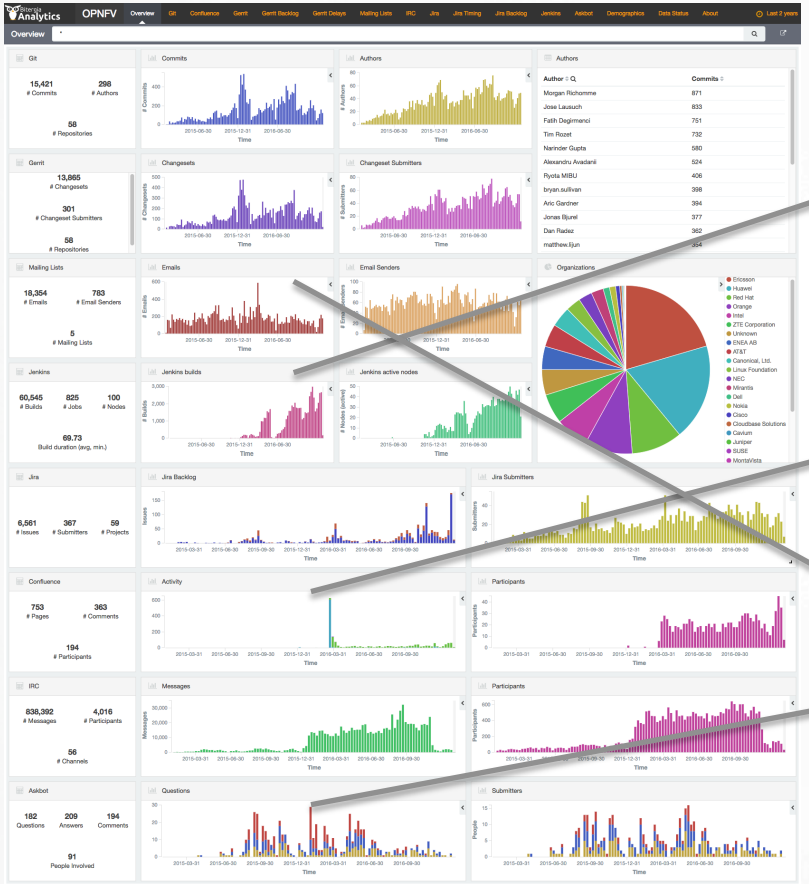
OpenDataPlane.org

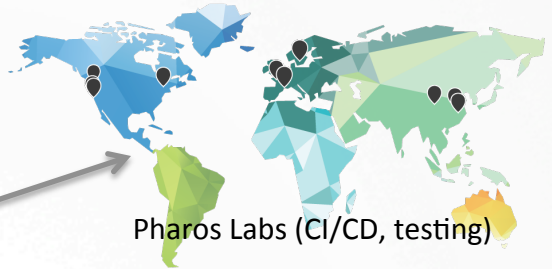
OPNFV

NOT EVERYTHING THAT CAN BE COUNTED COUNTS, AND NOT EVERYTHING THAT COUNTS CAN BE COUNTED

Assessing community contributions beyond code

https://opnfv.biterg.io





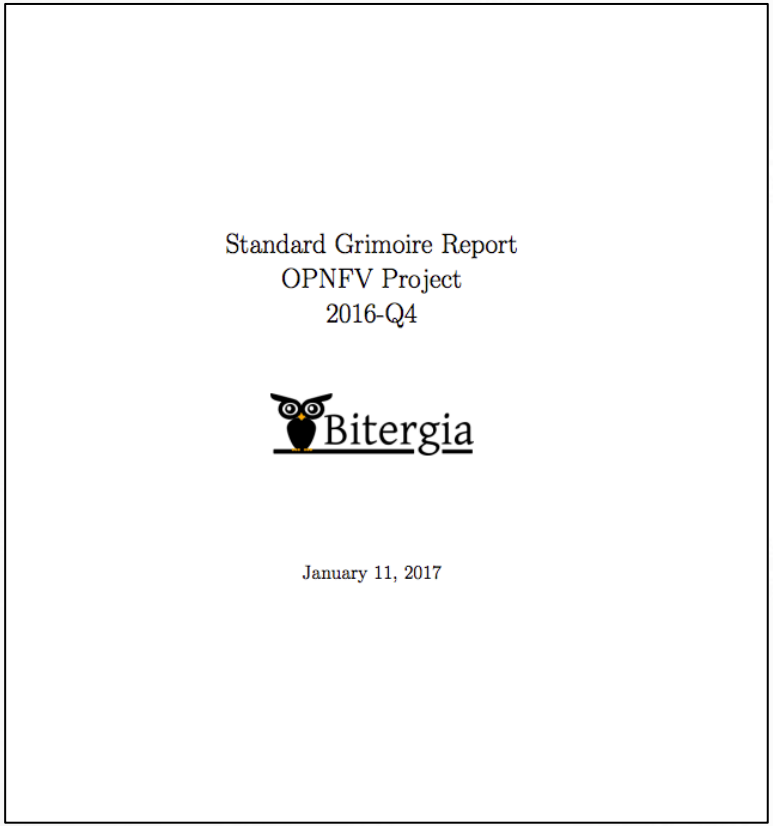
Pharos Labs (CI/CD, testing)

Documentation

Community/user support

Regular check-in on community health/trends

https://wiki.opnfv.org/display/DEV/Quarterly+Reports



Standard Grimoire Report
OPNFV Project
2016-Q4

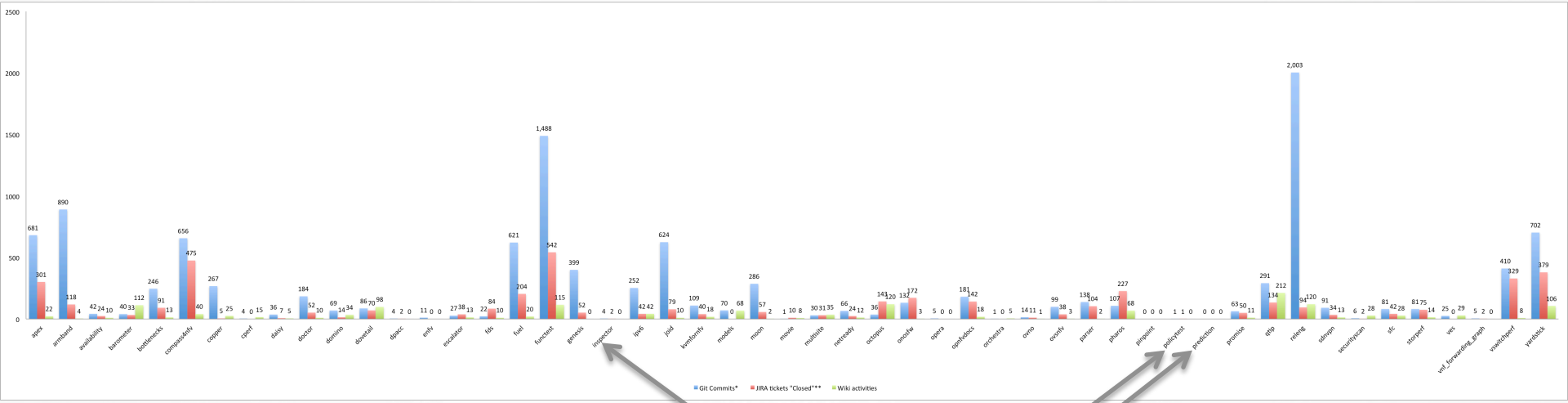
Bitergia

January 11, 2017

- Efficiencies in code review/ time to merge
- Backlog management
- Active developers
- Community discussions
- …

Monitoring projects' health

https://wiki.opnfv.org/display/DEV/Quarterly+Reports#QuarterlyReports-QuarterlyProjectsHealth



Projects being "archived"

Mapping user feedback with project activities

End User Advisory Group

- How active are projects that are important to end users?
- Is there a need to look at ways to get more resources for certain projects?
- Any concerns with projects being archived?
- Other questions/concerns?

Identifying unsung heroes in the community….

Plans for 2017: Tracking upstream contributions

openstack.

SWIFT Object Storage

KEYSTONE Identity

NOVA Compute

NEUTRON Networking

CINDER Block Storage

GLANCE Image Service

HORIZON Dashboard

CEILOMETER Telemetry

HEAT Orchestration

TROVE Database

SAHARA Elastic Map Reduce

IRONIC Bare-Metal Provisioning

ZAQAR Messaging Service

MANILA Shared Filesystems

DESIGNATE DNS Service

BARBICAN Key Management

MAGNUM Containers

MURANO Application Catalog

CONGRESS Governance

...AND MANY MORE

openstack OpenStack git repository browser

a fast webinterface for the git dscm

index search

Name	Description	Idle	Links
openstack			
openstack/aeromancer	OpenStack Source Explorer	23 min.	summary log tree
openstack/ailuropoda	The sad panda API	21 min.	summary log tree
openstack/alexandria	Inventory as a service with CMDB support	21 min.	summary log tree
openstack/almanach	Record the utilization of OpenStack resources for each tenant	23 min.	summary log tree
openstack/anchor	An Ephemeral PKI system that can act as a trust anchor for OpenStack PKI operati...	17 min.	summary log tree
openstack/ansible-role-bindep	Ansible role to manage bindep	17 min.	summary log tree
openstack/ansible-role-cloud-launcher	Ansible role to deploy multiple clouds resources	18 min.	summary log tree
openstack/ansible-role-diskimage-builder	Ansible role to manage diskimage-builder	18 min.	summary log tree
openstack/ansible-role-jenkins	Ansible role to manage Jenkins	22 min.	summary log tree
openstack/ansible-role-jenkins-job-builder	Ansible role to manage Jenkins Job Builder	21 min.	summary log tree
openstack/ansible-role-jenkins-plugins	Ansible role to manage Jenkins plugins	24 min.	summary log tree
openstack/ansible-role-nginx	Ansible role to manage Nginx	22 min.	summary log tree
openstack/ansible-role-nodepool	Ansible role to manage Nodepool	19 min.	summary log tree
openstack/ansible-role-shade	Ansible role to manage Shade	21 min.	summary log tree
openstack/ansible-role-ssh	Ansible role to manage SSH	18 min.	summary log tree
openstack/ansible-role-sudoers	Ansible role to manage Sudoers	19 min.	summary log tree
openstack/ansible-role-virtualenv	Ansible role to manage Virtualenv	21 min.	summary log tree
openstack/ansible-role-zookeeper	Ansible role to manage Zookeeper	23 min.	summary log tree
openstack/ansible-role-zuul	Ansible role to manage Zuul	22 min.	summary log tree

Log in / Register

OpenStack

Overview Code Bugs Blueprints Translations Answers

Blueprints for OpenStack

Show only blueprints containing: Search blueprints

1 → 75 of 5811 results First • Previous • Next • Last

Priority	Blueprint	Design	Delivery	Assignee	Project	Series
Essential	add-ssl-ca-support	Approved	Good progress	John Wood	barbican	future
Essential	ansible-specific-task-become	Approved	Needs Code Review	Duong Ha-Quang	kolla-ansible	ocata
Essential	api-base	Approved	Started	Boris Pavlovic	rally	
Essential	api-interface-bind-address-override	Approved	Blocked	David Wang	kolla	ocata
Essential	benchmark-base	Approved	Started	Boris Pavlovic	rally	
Essential	benchmark-scenario-base	Approved	Unknown		rally	
Essential	ci-git-support	Approved	Good progress	James E. Blair	openstack-ci	
Essential	ci-git-transition	Approved	Started	James E. Blair	openstack-ci	
Essential	cli-base	Approved	Started	Boris Pavlovic	rally	
Essential	containers-in-instances	Approved	Unknown	Antoni Segura Puimedon	kuryr	
Essential	convert-the-xml-into-rst	Approved	Good progress	Sean Roberts	openstack-training-guides	kilo
Essential	default-kibana-dashboard	Approved	Started	zhubingbing	kolla	ocata
Essential	diablo-burrow-proxy	Approved	Unknown		burrow	diablo
Essential	documentation-rework	Approved	Good progress	Ryan Hallisey	kolla	ocata
Essential	driver-binding-ipvlan	Approved	Unknown	Antoni Segura Puimedon	kuryr	
Essential	enable-ci-for-anvil	Approved	Unknown		anvil	

Register a blueprint

List all blueprints
List documentation
Assignments
Register a blueprint
Register a meeting

Latest blueprints All blueprints

File I/O Driver
Registered 5 hours ago

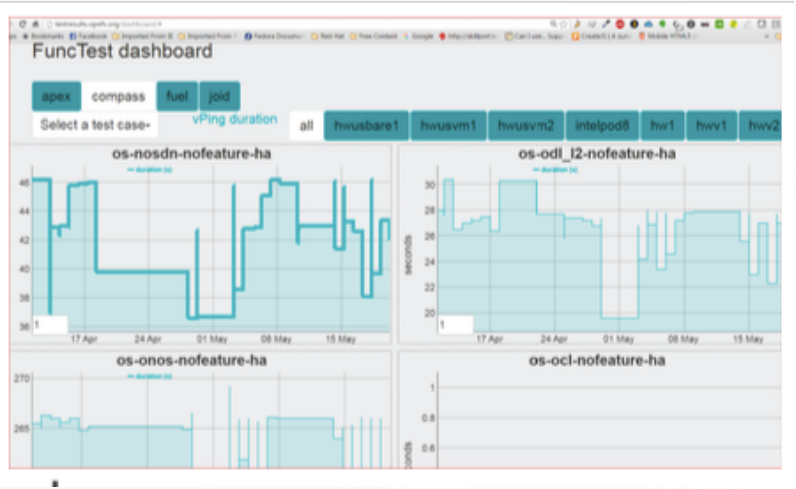
Support cold migration
Registered 7 hours ago

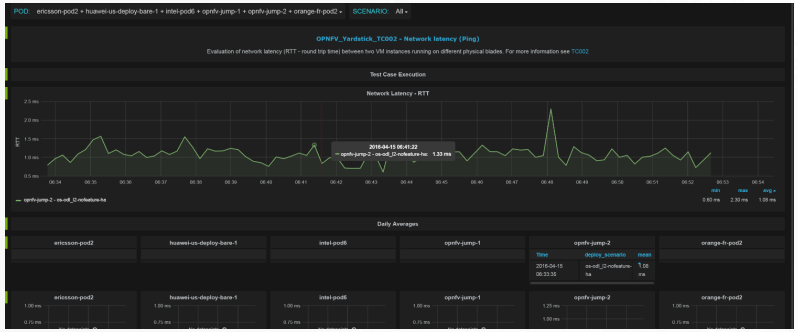
Secure Storage of Notification Credentials
Registered 12 hours ago

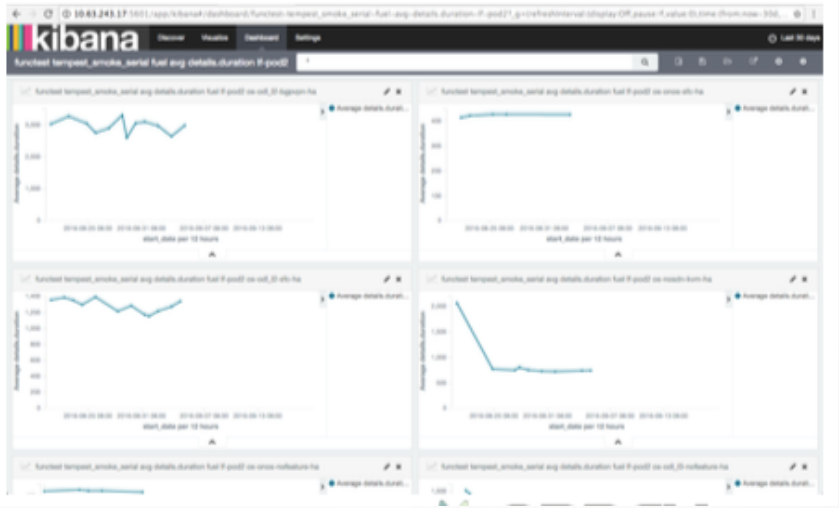
Log Query API
Registered 13 hours ago

Templated alarm descriptions for human readable alerts
Registered 13 hours ago

Plans for 2017: Testing dashboard on https://opnfv.biterg.io







Thank You...

Questions?

OPNFV