



Community Lab CI Dashboard

Jeremy Plsek

Graduate Research Assistant



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- What was sent to Patchwork before the DPDK Community Lab?

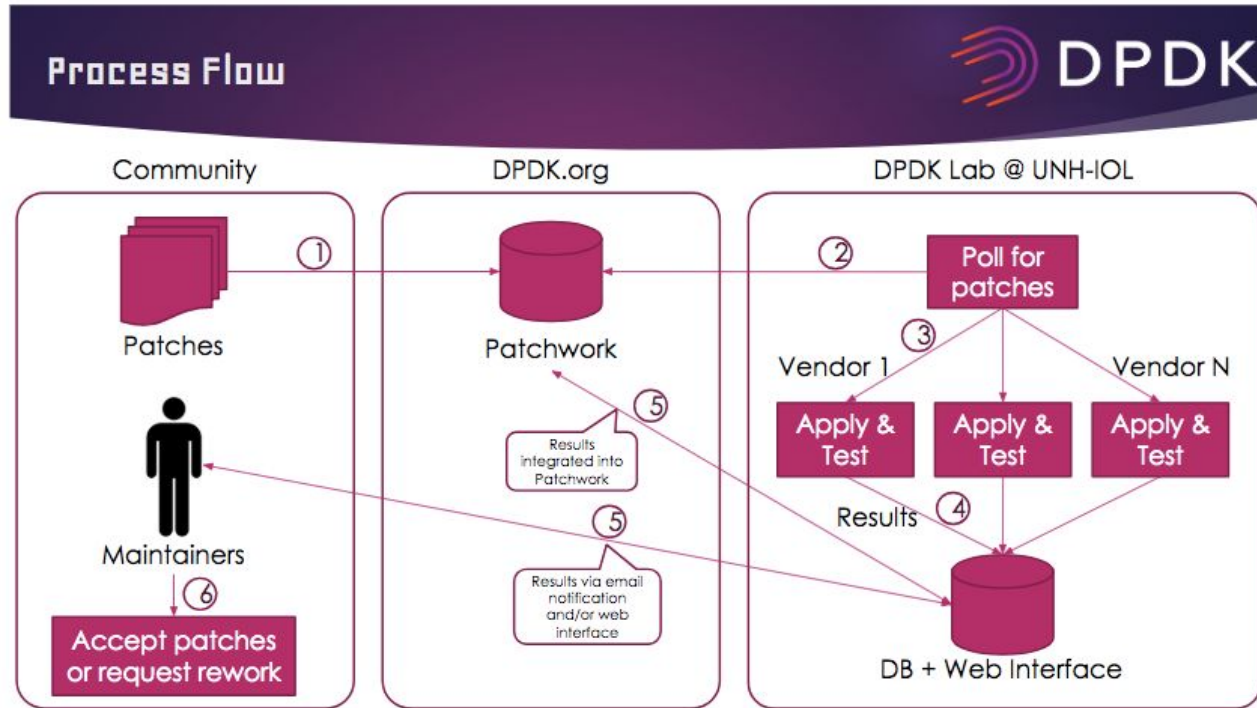
Checks

| Context | Check | Description |
|----------------------|---------|---------------------|
| ci/Intel-compilation | success | Compilation OK |
| ci/checkpatch | warning | coding style issues |

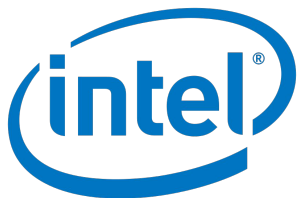
- What is now being sent to Patchwork?

Checks

| Context | Check | Description |
|---------------------------------|---------|--------------------------|
| ci/intel-Performance-Testing | success | Performance Testing PASS |
| ci/mellanox-Performance-Testing | success | Performance Testing PASS |
| ci/Intel-compilation | success | Compilation OK |
| ci/checkpatch | warning | coding style issues |



- Intel Ethernet Converged Network Adapter 82599ES 10 Gbps
- Intel Ethernet Converged Network Adapter XL710-QDA2 40 Gbps
- Mellanox ConnectX-5 100 Gbps
- Mellanox ConnectX-4 Lx 25 Gbps
- Mellanox ConnectX-4 Lx 40 Gbps
- NXP in the process of setting up with the Lab



DPDK Community Lab

<https://lab.dpdk.org>

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Below is the current CI performance testing status for the patchsets currently active in the DPDK Patchwork instance. Possible statuses are Pending, Waiting, Apply Error, Build Error, Incomplete, Possible Regression, and Pass. NIC vendors may log in to view detailed performance results for their hardware.

| Status | Patch | |
|---------------|---|-----------------|
| Waiting | 48341 fix dpdk.org URLs | Thomas Monjalon |
| Pass ■■■■■ | 48340 version: 18.11.0 | Thomas Monjalon |
| Pass ■■■■■ | 48339 fix indentation in symbol maps | Thomas Monjalon |
| Pass ■■■■■ | 48337 [v1] doc: update release notes for 18.11 | Mcnamara, John |
| Pass ■■■■■ | 48336 app/test-pmd: expand test-pmd queue threshold size of RED parameters | Rosen Xu |
| Pass ■■■■■ | 48334-48335 v3 [v3,1/2] doc: add svg for debug and troubleshoot guide | Varghese, Vipin |

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Patch Set 48340

Submitter Thomas Monjalon
Baseline master (6cff3183c2035fe90e18e59c1ea3c0304116a4de)
Date Nov. 26, 2018, 5:18 p.m.
Submitted

• version: 18.11.0

Test Results Pass

Test summary: ■■■■■

Intel Corporation Ethernet Converged Network Adapter 82599ES 10000 Mbps

Configuration Information

Kernel Linux 4.13.0-43-generic
Compiler gcc gcc (Ubuntu 7.2.0-8ubuntu3) 7.2.0
Target x86_64-native-linuxapp-gcc

Detailed performance results

Test run at: Nov. 26, 2018, 6:17 p.m.

Fail/Total 0/3

Test Case: [nic_single_core_perf](#)

| | frame_size (bytes) | txd/rxd (descriptors) | throughput Difference (Mpps) |
|------|-----------------------|--------------------------|---------------------------------|
| PASS | 64 | 128 | 0.00500 |
| PASS | 64 | 512 | 0.06700 |
| PASS | 64 | 2048 | -0.07700 |



- More performance testing and unit testing
- Running tests on release versions
- Getting additional hardware members involved
- Integration with other projects

Getting Involved

Dashboard: <https://lab.dpdk.org/>

Issue reporting: <https://bugs.dpdk.org/>

CI Mailing List: <http://mails.dpdk.org/listinfo/ci>

Submitting Equipment: <https://www.iol.unh.edu/testing/hpc/dpdk>

Contact: dpdklab@iol.unh.edu