



www.fd.io

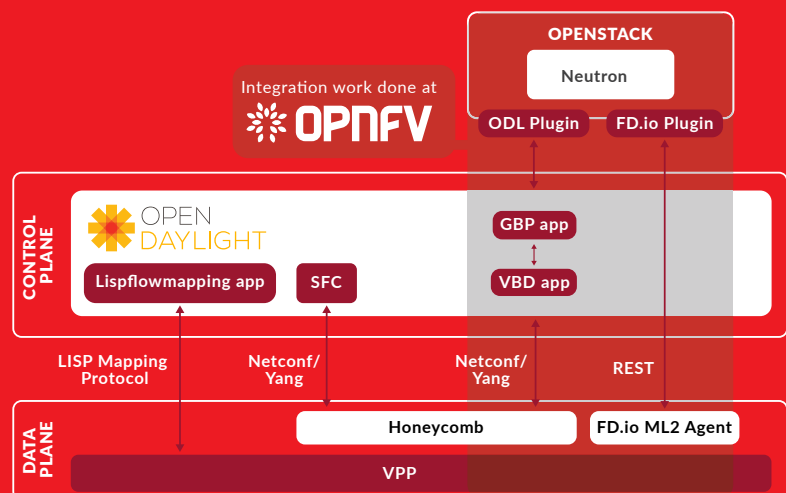
The Fast Data Project (FD.io) “Fido” is a collaborative open source project that aims to establish a high-performance IO services framework for dynamic computing environments. The FD.io Community includes Network IO, Packet Processing, and Dataplane Management Agents fostering innovations in software-based packet processing towards the creation of high-throughput, low-latency and resource-efficient IO services suitable to many architectures (x86, Arm, and PowerPC) and deployment environments (bare metal, VM, container).

A key component of FD.io is the Vector Packet Processing (VPP) library contributed at the foundation of the project. The commercial-ready code is already running in products on the market today. VPP, when connected to DPDK for network IO, has shown to perform two orders of magnitude faster than currently available open source options implementing switching or routing workloads, reaffirming one of the core principles of FD.io: a focus on performance.

Robust Community Activity



FD.io Integrations





Join the #FDio conversation



Get Involved:

Developers

FD.io sounds good, but what about the code?

→ Go straight to the source at gerrit.fd.io/r/#/admin/projects/

Have the code, but need some additional resources?

→ Check out the FD.io Developer Wiki: wiki.fd.io/view/Main_Page

Interested in FD.io but not sure where to begin?

→ FD.io has a great resource to help you get started:
wiki.fd.io/view/VPP/Setting_Up_Your_Dev_Environment

Everyone

Want to be able to collaborate with the FD.io community in real time, but not sure where to go?

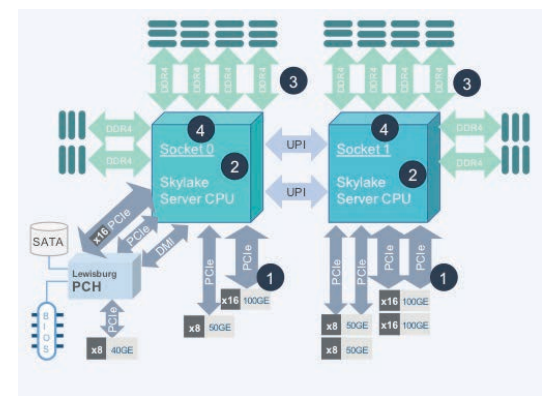
→ That's easy! Join us on the FD.io IRC: wiki.fd.io/view/IRC

Have specific FD.io community interests?

→ Make sure you never miss the FD.io updates most important to you, by joining the Mailing Lists: lists.fd.io/mailman/listinfo

FD.io VPP: Breaking the Barrier of Software Defined Network Services

1 Terabit Services on a Single x86 Server!



Per processor: 24 cores 48 threads 2.7GHz On-board LBG-NS 100G QAT Crypto

Multi-Party: FD.io Members

Network Vendors



Service Providers



Chip Vendors



Integrators



If interested in joining as a member, contact membership@fd.io