

A conventional Switchyard application implements the core logic components of the network device (e.g., a hub, bridge, switch, router, firewall, etc.)

Send or receive a packet to/from a specific port on the system.

Basic API calls:

`send_packet()`
`recv_packet()`

`ports()`

Retrieve info about ports on device (i.e., names and addresses assigned to each).

Switchyard framework

The modeled network device, with p ports (8 in this figure)

