create patch

APPL_DB

"INTF-TABLE"
"Ethernet68.10"
"admin_status": "up"
"mtu": "9100"

gPortOrch→getPort
has the Vlan Port

"VLAN"
"Vlan100"
"vlan_id": "100"

Ethernet68 in VLAN would need to
bring down admin status

No need to take care of admin_status for PIF
because BGP session on the PIF will be down
to remove routes from the forwarding table
Traffic will not go through the PIF in any case

m_portList: map<string, Port>
gPortsOrch::m_portList

Port object not in
m_portList of gPortsOrch

→ create a Port object for "Ethernet68.10" → create sub
port RIF

IntfsOrch::doTask

check second if → ①
Port object is
ready or not

① check first if PIF is created or not

Port

Create RIF

Because here we create Port object then wait for
other components to deal with the
creation, we need to be conscious
about the condition to create the object
once and only once if met

Port

RIF
type subport
VLAN0

m_child_ports

m_parent_port_id →

Add PIF to flex counter

add SubnetRoute
add Ip2MeRoute

sequence of processing "Vlan100" and then
"Vlan100 (192.168.0.1/24"
are not guaranteed

100G → 50G
asymmetric speed

GE
SAI

(Port → queue)