Terminology for Qbg and Qbh

Pat Thaler, January 2010
Outside our scope?

- Do we need any terminology to distinguish software and hardware VEB or VEPA and the interface between them?

- Perhaps not
  - similar to switch line cards or modules
  - could leave it up to implementations to make them behave like one device externally

- Base decision on whether there is behavior we need to specify
  - Detection of improper connection? E.g. VEB over VEPA
bh Terminology

Server (non-virtualized)

Server (non-virtualized)

Server Blade

Blade Rack

S-Comp

Port Extender

Adjacent Bridge or Controlling Bridge?
EVB Discovery Workspace

- VEPA
  - Discover EVB Capabilities

- EVB TLV

- Channel Set up
  - (# channels & associate SVIDs)

- Bind VSI to profile

- Multi-Channel TLV

- VSI TLV & State Machines

- Binding Control Protocol

- Transport
  - LLDP ‘Classic’
    - (all data, every frame)
  - LLDP*
    - (subset of data in each frame)
  - LLDP-like
    - (new Ethertype, parameterized)
  - New TLV Transport (T3P or T3P-R)