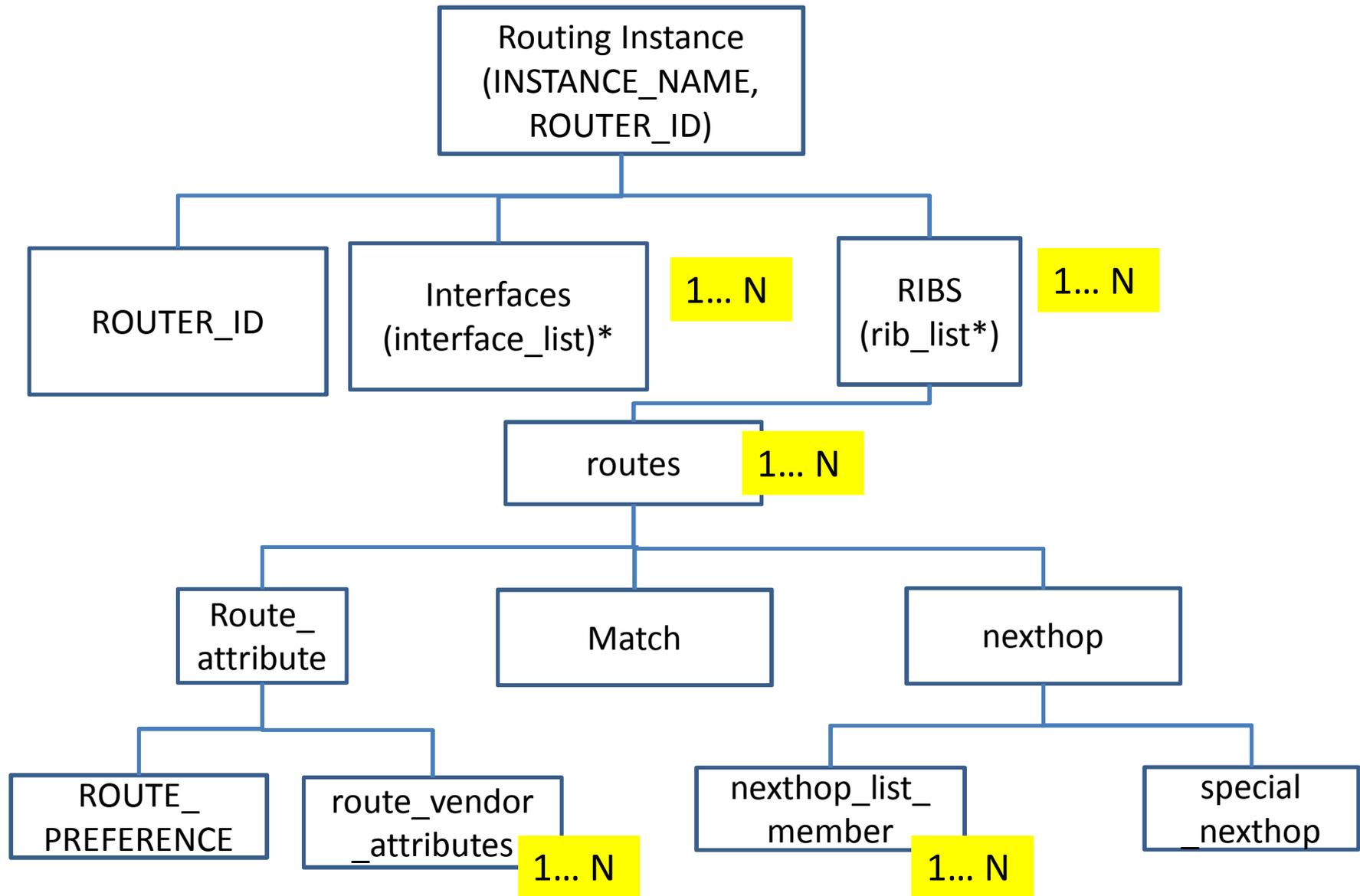


I2RS RIB Info Model

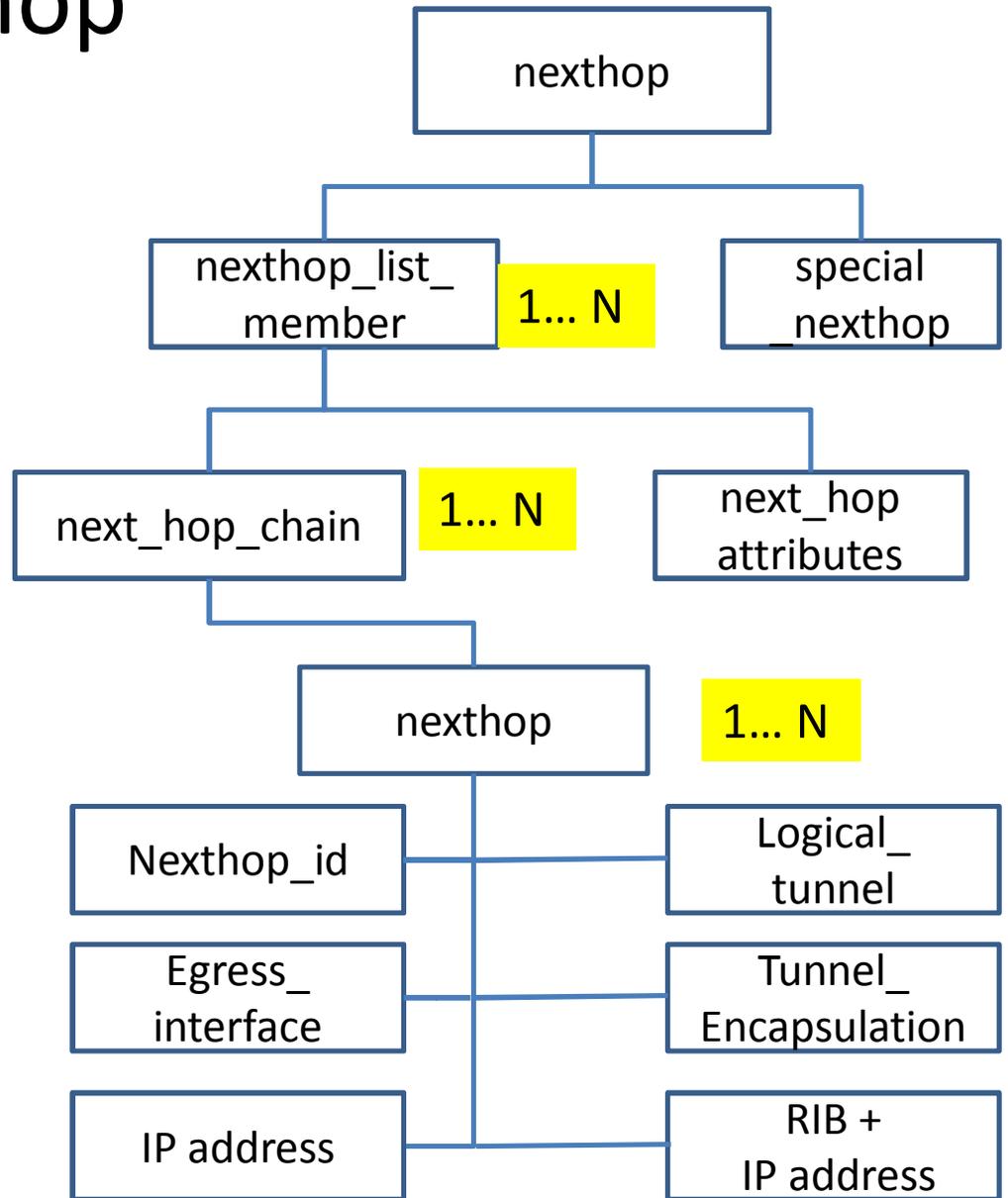
Nitin Bahadur, Ron Folkes,
Sriganesh Kini, Jan Medved

Top-level design



match and nexthop

- “ Match
 - . IPv4, IPv6, MPLS, MAC, interface
- “ Special nexthops
 - . discard, discard with error, receive
- “ Nexthop_attributes
 - . Protection preference
 - . Load balance weight
- “ Nexthop lists can be:
 - . Unicast nexthops,
 - . Tunnel nexthops
 - . Replication lists
 - . Weighted lists
 - . Protection lists
 - . Nexthop chains
 - . Lists of lists
 - . Indirect nexthops



5. Notifications

- “ Route Change
 - . Installed
 - . Active
 - . Reason
- “ Nexthop resolution
 - . Resolved/not resolved

