Routing Information Base Info Model
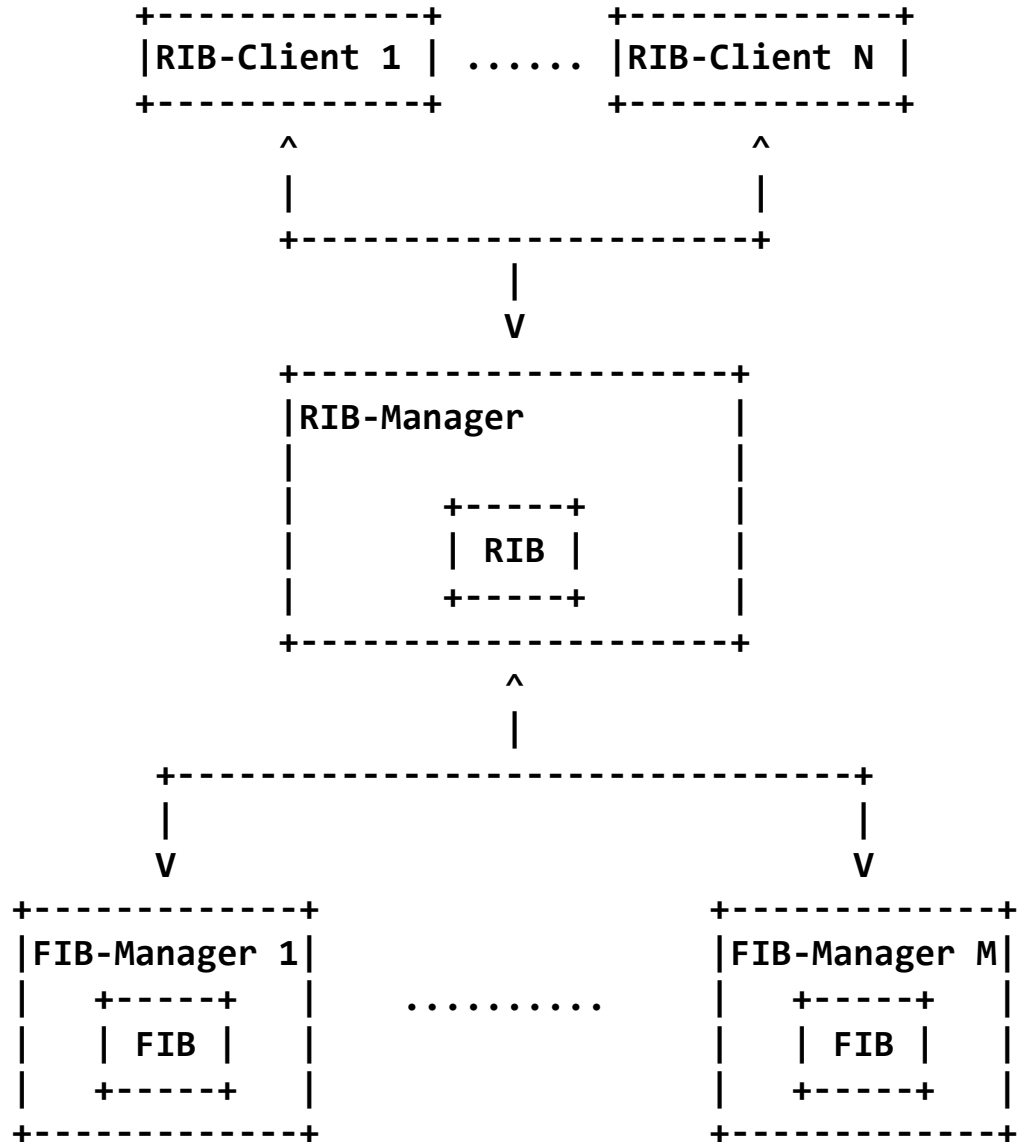## draft-ietf-i2rs-rib-info-model-01

Nitin Bahadur, nitin_bahadur@yahoo.com
Ron Folkes, ronf@juniper.net
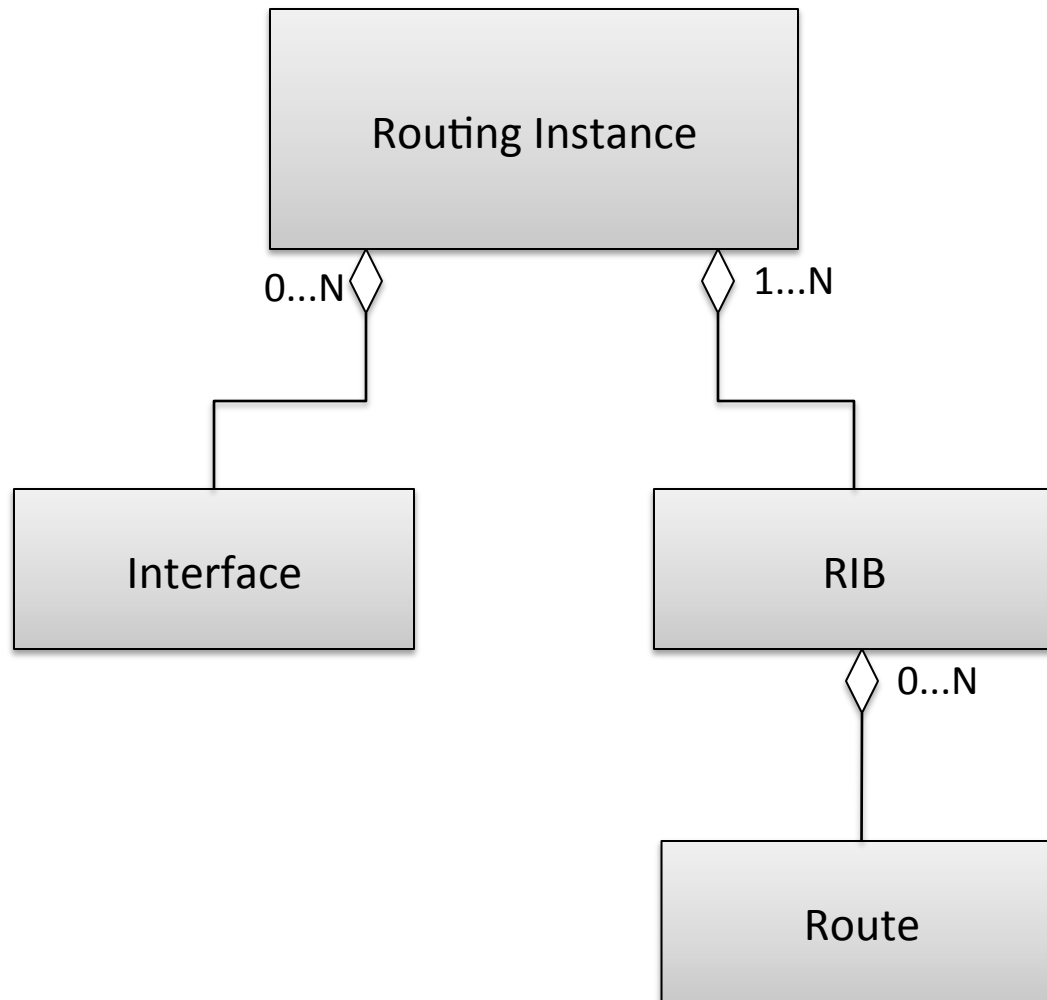Sriganesh Kini, sriganesh.kini@ericsson.com
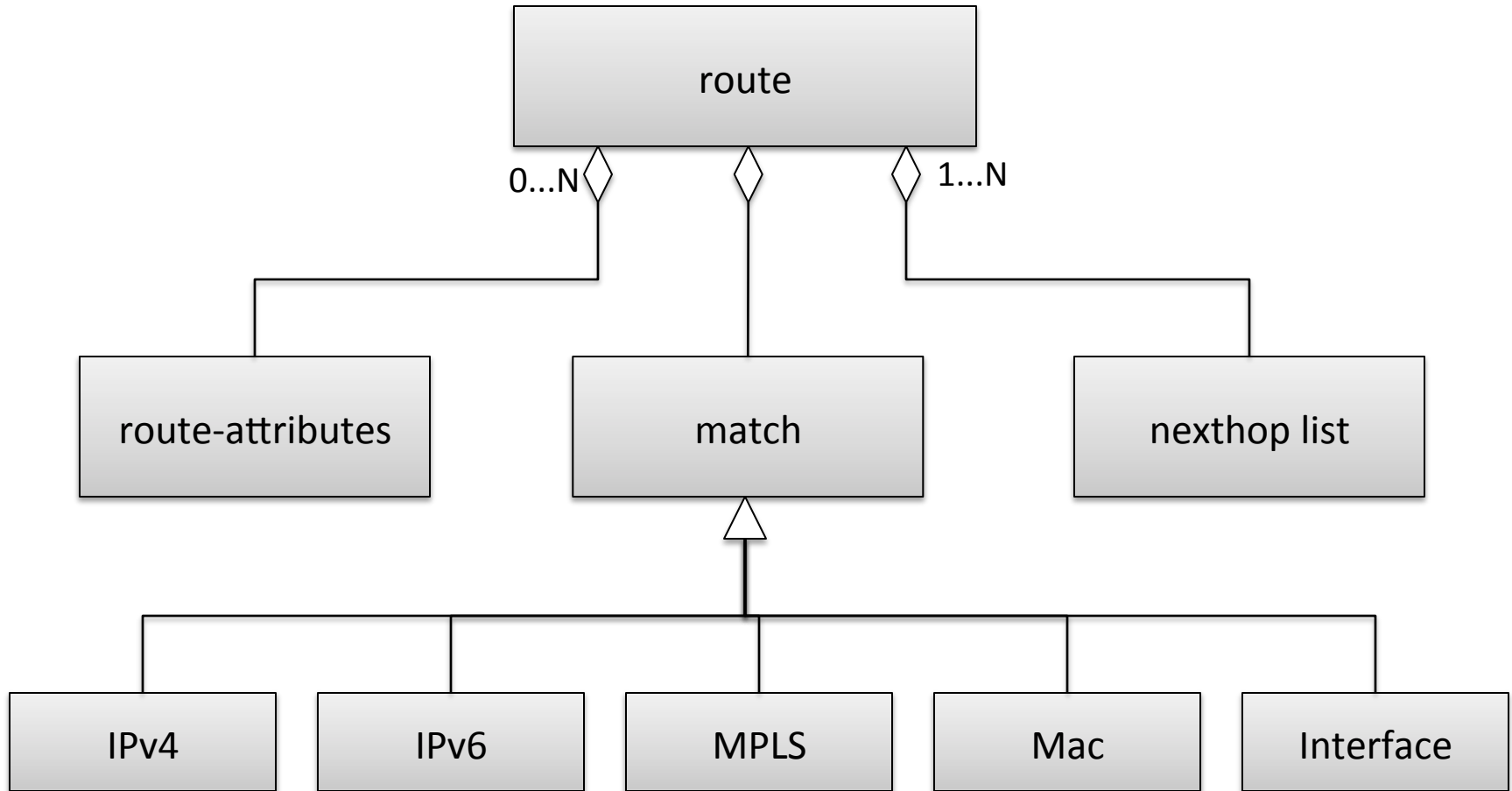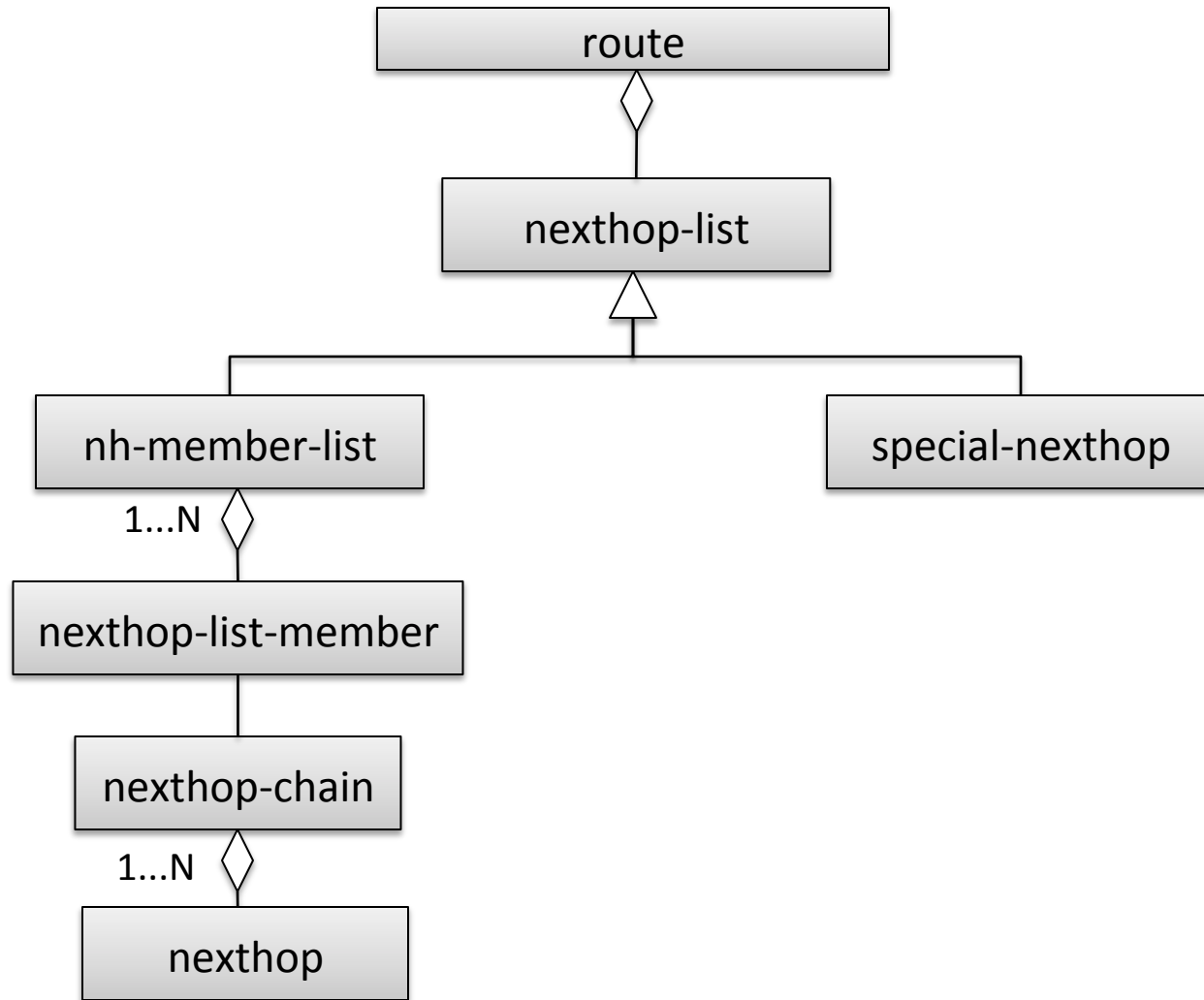Jan Medved, jmedved@cisco.com

Context

```
+-------------+          +-------------+
|RIB-Client 1 | ...... |RIB-Client N |
+-------------+          +-------------+
       ^                        ^
       |                        |
       +------------------------+
                   |
                   V
       +------------------------+
       |RIB-Manager             |
       |                        |
       |      +-----+           |
       |      | RIB |           |
       |      +-----+           |
       |                        |
       +------------------------+
                   ^
                   |
       +------------------------------------+
       |                                    |
       V                                    V
+-------------+                      +-------------+
|FIB-Manager 1|                      |FIB-Manager M|
|   +-----+   |    .........         |   +-----+   |
|   | FIB |   |                      |   | FIB |   |
|   +-----+   |                      |   +-----+   |
+-------------+                      +-------------+
```

The RIB High-Level View

Route

Nexthop

Changes since last presented

- Resolution of terminology and grammar
- Added diagrams representing the key objects (similar to IETF slides)
- Text clarifications in multiple places (based on list review)
- Inter-domain (AS) specific stuff in a new section called "Inter-domain extensions to the RIB" (as optional augmentations)
- Consolidated rib-family and nexthop-address-family.
- Removed INSTANCE_DISTINGUISHER.
- Removed route-metric (no strong use-case to program 2 routes with different metrics in the same RIB)
- Enhanced ipv4/ipv6 route object so as to enable source based routing.
- Aligned with the structure draft-ietf-netmod-routing-cfg-11

Questions?