

I2RS Filter Based RIB Info/Data Model

draft-kini-i2rs-fb-rib-info-data-model

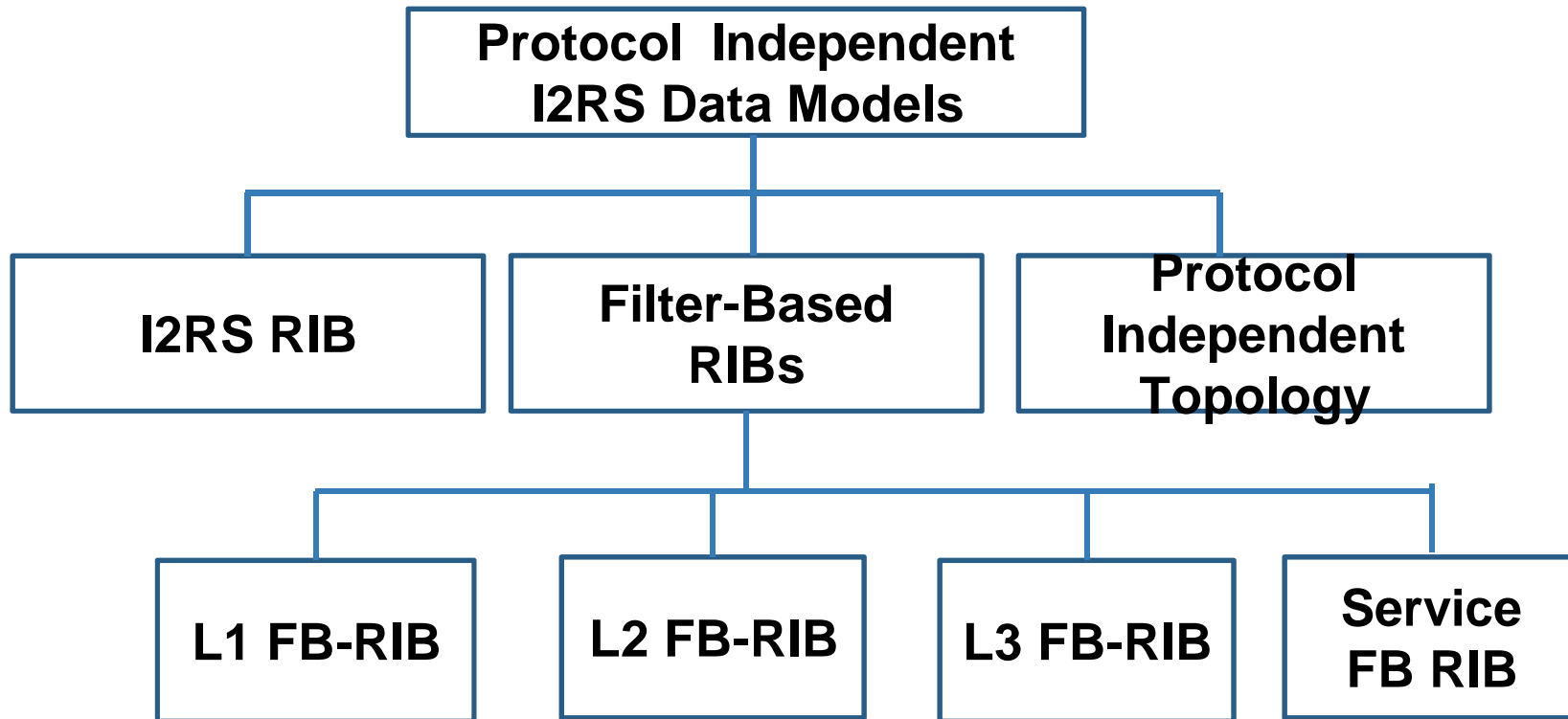
What is FB-RIB?

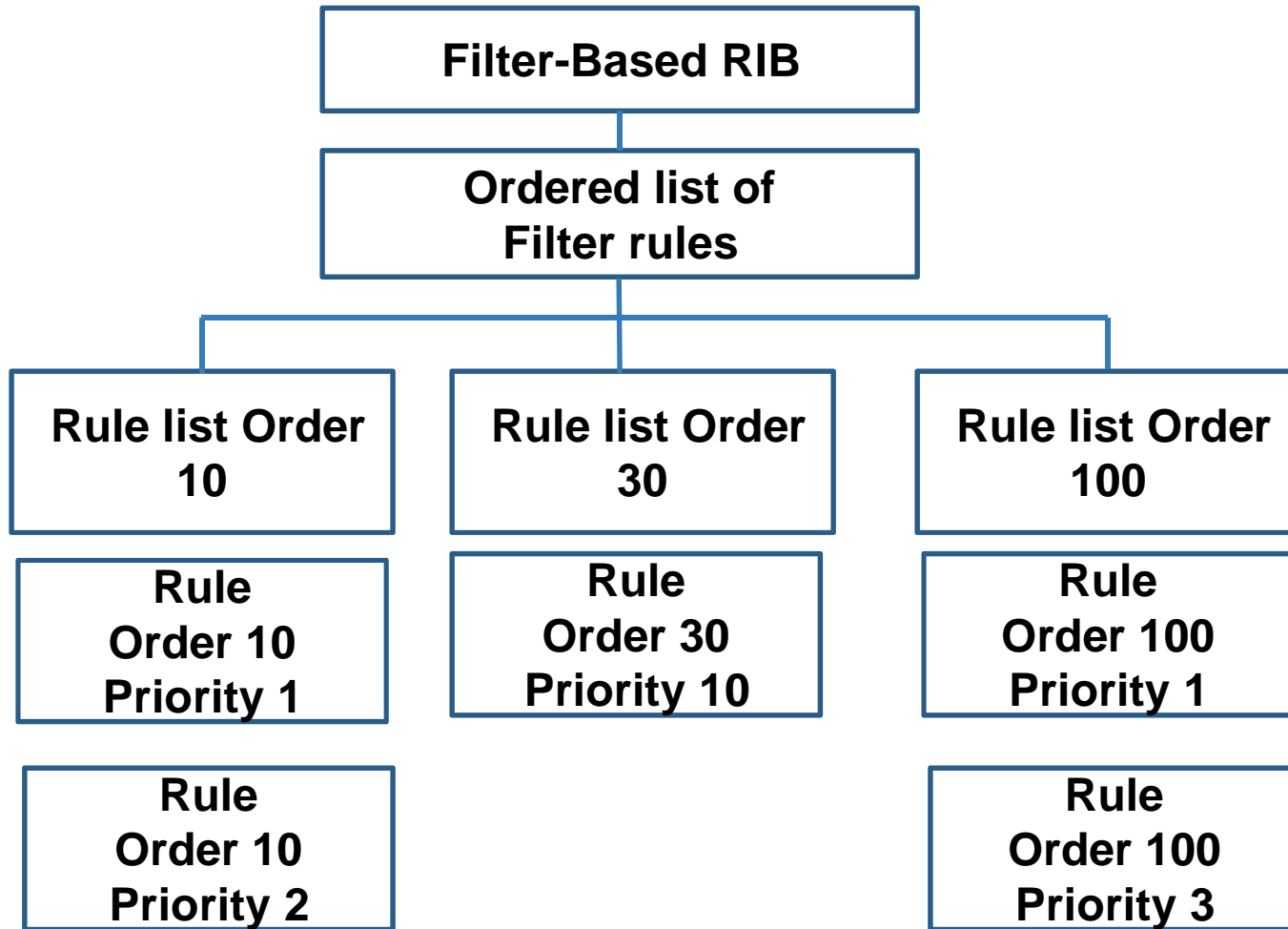
- It is used by the routing element to program FIB entries in hardware
- Allows match on multiple fields in incoming packet and meta-data
 - Match can be specified as a logical expression
- Can specify action to manipulate the packet and how it must be forwarded

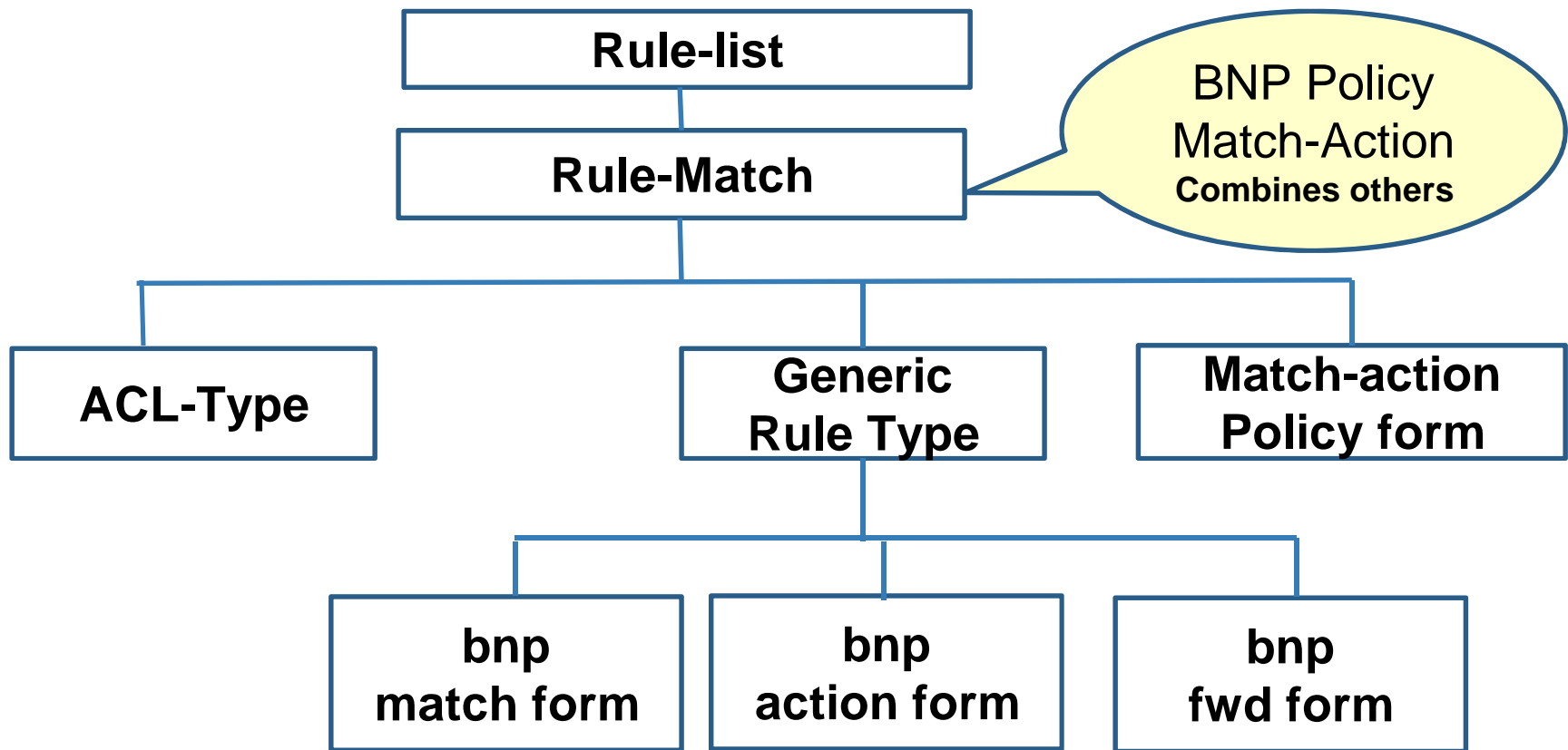
Relationship to other models (not comprehensive)

- Is contained in a routing-instance (defined for RIB)
 - Can be applied to any subset of interfaces in the routing-instance
- Can specify forwarding action to use the FIB programmed using the RIB
- Can use ACL model

Filter Based RIBS







What's next

Continued working

Determine Generic Filter-Based RIB Form

Create appropriate Filters-Match RIBs

Team Scope

Get a firm model in 2 months