Routing Area Yang Design Team

Status Update

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Status Update
2 Standards Track Models (rtgwg)
  - Logical Network Element (draft-ietf-rtgwg-lne-model)
  - Network Instance (draft-ietf-rtgwg-ni-model)

1 Informational Meta Model (rtgwg)
  - Network Device YANG Organizational Model (draft-rtgyangdt-rtgwg-device-model)
Conventions

Assist with other Work

Possible classification extensions
Conventions

- Common types e.g., Router ID.
- Common names or abbreviations - “acl”, “policy”, etc.
- Common constructs?
- key: “Common”
Assist with other Work

- Schema mount.
- Opstate.
### Possible Classification Extensions

- Hashtags #routing #igp #linkstate #isisospfBFF
- Another way to have advantages of structure.

#### Before: Device Model

```text
module: ietf-network-device
    +--rw modules-state
    +--rw system-management
    +--rw network-services
        |   +--rw netconf server
        |   +--rw restconf server
        |   +--rw syslog server
        |   ...
    +--rw routing
        |   +--rw control protocols
        |       +--rw isis
        |       +--rw ospf
        |       +--rw rsvp
```

#### After: Flat Model With Tags

```text
+  <-- root
|
+--rw syslog [ #network-services #...? ]
+--rw netconf-server [ #network-services #yang-server ]
+--rw restconf-server [ #network-services #yang-server ]
+--rw isis [ #control-plane-protocol #routing-protocol #igp ]
+--rw ospf [ #control-plane-protocol #routing-protocol #igp ]
+--rw rsvp [ #control-plane-protocol #lsp-setup-protocol ]
```
Where do the tags live?

- In the module
- In an instance
- In the yang library (on the device)
- In a catalog (in the network)

Who tags modules?

- Authors
- Augmentors
- Users
Comments/Questions?

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