Module Tags

draft-rtgyangdt-netmod-module-tags

Christian E. Hopps *<chopps@chopps.org>*
Lou Berger *<lberger@labn.net>*
Dean Bogdanovic *<ivandean@gmail.com>*

Module Tags

- 2 revisions
- Removed per-module tag list
- Removed add/del RPCs
  - Use standard config mechanisms.

Tags Yang Module

```
module: ietf-module-tags
  +--rw module-tags*    [name, revision]
    +--rw name
    +--rw revision
    +--rw tags*        string
  +--x reset-tags
    +--w in
    | +--w name        yang:yang-identifier
    | +--w revision?   union
    +--ro output
      +--ro tags*      string
```

Example XML Global Tag List

```
<t:module-tags>
  <t:name>isis</t:name>
  <t:tags>ietf:routing</t:tags>
  <t:tags>ietf:protocol</t:tags>
</t:module-tags>
<t:module-tags>
  <t:name>ospf</t:name>
  <t:tags>ietf:routing</t:tags>
  <t:tags>ietf:protocol</t:tags>
</t:module-tags>
```

Yang Library List Augment

```
module: ietf-library-tags
  augment /yanglib:modules-state/yanglib:module:
    +--ro tags*    string
```

Open Issue

- Separate tag config from tag list?
  - Config - add and delete tags
  - Operational - has list of tags
  - No reset RPC needed then.
- Remove yang library augment?
- Finalize initial standard tags.

Next Steps [final slide]

- Positive Feedback.
- WG Adoption?