Modeling JSON Text with YANG

draft-lhotka-netmod-yang-json-02

Ladislav Lhotka
{lhotka@nic.cz}

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Diff against *draft-lhotka-netmod-yang-json-01*

- no changes to the translation procedure,
- many new examples in the text,
- a realistic example in Appendix A – translation of a `<get>` reply from Appendix D of *draft-ietf-netmod-interfaces-cfg-12*,
- additional clarifications.
Example

```json
{
    "interfaces": {
        "interface": [
            {
                "name": "eth1.10",
                "type": "l2vlan",
                "enabled": true,
                "base-interface": "eth1",
                "vlan-id": 10
            },
            ...
        ]
    }
}
```
Implementations

1. **pyang** – plugins for both directions of the XML↔JSON translation:
   - *jsonxsl* – takes a data model (set of YANG modules) and generates an XSLT 1.0 stylesheet that can be used repeatedly for translating any compliant XML to JSON.
   - *jtox* – opposite direction.

2. **YumaPro** – RESTCONF API.
Document Status

- The translation is now stable, no known issues.
- If RESTCONF becomes a WG item in NETCONF, then this draft should become a WG item in NETMOD.