Common YANG Data Types

draft-ietf-netmod-yang-types-03

Jürgen Schönwälder
document status

- draft-ietf-netmod-yang-types-03 was last called May 27th – June 10th
- no issues were raised during WG last call
- no indications were received that the document actually was reviewed
- Andy Bierman suggested additional types to be included on June 19th and July 16th
new 'date' type

- Andy suggested to include an additional type 'date' – so far we only have date and time
- No comments on the mailing list
- Opinions in this room or on Jabber?
additional time types

- Andy suggested the addition of a collection of time unit types (years, months, weeks, days, hours, minutes, seconds, milli-seconds, micro-seconds, nano-seconds)

- It is unclear whether these should be in 32-bit or 64-bit resolution or both

- No discussion on the mailing list

- Opinions in the room or on Jabber?
flagging SNMP compatibility types

- Andy Bierman suggested to mark some types that they are for SNMP compatibility
- He mentions `object-identifier`, `object-identifier-128`, `timeticks`
- Comment: At least some of these types are not SNMP specific; restricting their use is a CLR
- No discussion on the mailing list
- Opinions in the room or on Jabber?
Andy Bierman suggested to add a type that follows the absolute-schema-nodeid ABNF of the YANG specification

Comment: Need to have text concerning the resolution of the prefixes since values can only be interpreted in the right context

No discussion on the mailing list

Opinions in the room or on Jabber?
Andy Bierman suggested to add a timestamp type based on **date-and-time** that mandates UTC.

- No discussion on the mailing list
- Opinions in the room or on Jabber?
new **date-and-time-delta** type

- Andy Bierman suggested to add a type representing date and time deltas (the time between two **date-and-time** values)
- Comment: Not really clear what he has in mind since the range to cover is large (from sub-seconds to hundreds of years)
- No discussion on the mailing list
- Opinions in the room or on Jabber?
XSD and RNG translations

- Do we really want to keep the XSD and RNG translations in the document?
- Including these translations is in the editor's view only useful if we do this also for all future YANG modules – otherwise people interested in XSD or RNG versions have to obtain a translator anyway
- Note that the tool used to generate the translations is openly available