

Common YANG Data Types

draft-ietf-netmod-yang-types-03

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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?

absolute schema nodeid type

- 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?

date-and-time **timestamp** type

- 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