



RIPE
NCC

New RIPE Database Software Functionality

Proposed, Test, Deployment

Tim Bruijnzeels

Assistant Manager Database Group

- Reminder - why?
 - “changed:” is not reliable
- Phase 1 - Introducing “created:” and “last-modified:”
 - “last-modified:” and “created:” are added to output
 - And ignored on input
 - “changed:” is accepted as-is today

Tools encouraged to start using “created:” and “last-modified:” instead of “changed:”

November - December 2014

- Phase 2 - “changed:” becomes optional
 - Submitting “changed:” generates **warnings**, but is accepted
 - Submitting without “changed:” is accepted
 - The “changed:” attribute is marked as ‘optional’ in the RPSL schema

Tools will need to be deal with “changed:” missing for **read**
Migrate to “created:” and “last-modified:” for **updates**

January - March 2015 (extended RC)

- Phase 3 - “changed:” is deprecated
 - “changed:” is removed from all outputs: whois, restful, NRTM, ftpdump
 - “changed:” is removed from the RPSL schema
 - Submitting “changed:” results in **errors** and is refused (after ~five? months of warnings)

May - July 2015 (extended RC)

- Phase 1 - Making “referral-by:” optional
 - Updates for **mntner** objects that include “referral-by:” are accepted, but deprecation warnings are shown

November - December 2014

- Phase 2 - Removing “referral-by:”
 - “referral-by:” is no longer accepted in updates
 - “referral-by:” is removed from all **mntner** objects
 - “last-modified:” is not updated by removal
 - “referral-by:” is still shown for old versions

January - March 2015 (extended RC)

