



RIPE Database Update

Shane Kerr

shane@ripe.net

RIPE NCC



Outline

- Database Statistics
- Support
- Development



Database Statistics?

- More objects
 - Mostly INETNUM, PERSON, and DOMAIN objects
 - Ratios are almost fixed, no big changes
- Query types/amounts stable for more than 1 year
- Update rate stable for more than 1 year
- Quite boring, really

<http://www.ripe.net/info/stats/db/index.html>



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Documentation

- Database documentation update long overdue
- New system:
 - “patches” on www.ripe.net
 - Updates at regular intervals (6 months? 12 months?)
- New arrangement:
 - Query reference manual (done)
 - Update reference manual (in progress)
 - “Getting Started” (being updated, no plain-text)
 - User Guide (planned)



Server Outages

- Query servers slow, and crashed
- Updates slow
- Network problems
 - All service affecting problems have been fixed
- Developing new procedure to inform community
 - Notify very quickly
 - Full report after incident over



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Software Changes

- New release of Whois server software (3.3.0)
 - Easier to install the software
- Latest code always available from public CVS
- Lots of bug fixes, minor changes



IRIS

- Prototype on line.
- Separate presentation with details.



Upcoming Changes

- Signatures on updates will expire
 - Prevents replay attacks
 - Signed updates older than 1 week will not be accepted
- DNSSEC support in DOMAIN objects
 - “ds-rdata:”
 - Needed for securing IN-ADDR.ARPA



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