RIPE NCC

RIPE Network Coordination Centre

RIPE Database Update
RIPE-27

Carol Orange
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Outline

- Database Survey
- NCC Activity Report
- Database statistics
- Plans

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RIPE Database Survey

Participants: (18) 12% of db-wg

Priorities:

1. Database Consistency
2. Email Update Feedback
3. Hierarchical Notification in RR
4. DNS Referral Mechanism

Do it again?

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NCC Activities: whois -v

- whois -v <object-name>
  - verbose description of object
  - attribute semantics and syntax
- whois -v help
  - short description of all objects

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NCC Activities: whois -t

- New field: key type
  - [primary/look-up key]
  - [look-up key]
  - [inverse key]
  - [ ]
- whois -t person

  role: [mandatory] [single] [look-up key]

  address: [optional] [multiple] [ ]

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NCC Activities : help

- whois help
  - documentation on queries
- Email updates

  To: <auto-dbm@ripe.net>

  Subject: help
  - documentation on updates

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NCC Activities : Upgrades

- Was: perl4 on old sparc
- Now:
  - Perl5 under BSDI
  - pentium 166
  - 128 MB
  - Raid array
- Better performance + more robust

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NCC Activities: Update emails

- Modifications:
  - update status in subject line:
    Subject: FAILED “text”
    Subject: SUCEEDED “text”
  - list of object keys for sucessful updates
  - extraneous text removed

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Acknowledgement & Notification

- If both to same address
  - send notification
  - supress acknowledgement
- Opposite of current behavior
  - As requested at RIPE-26

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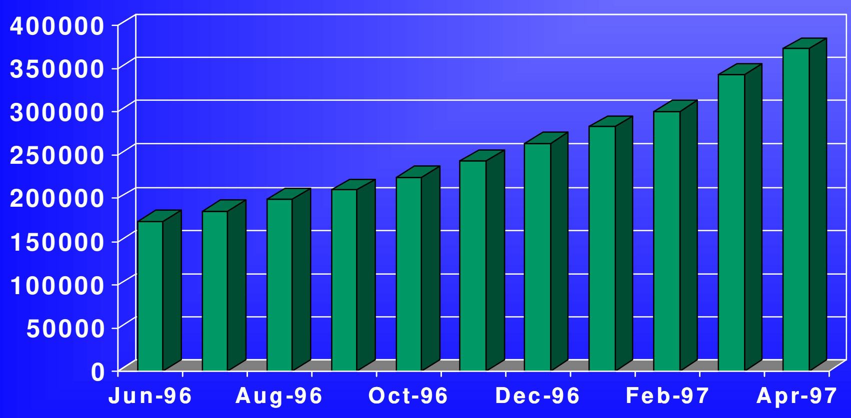
Total Number of Objects



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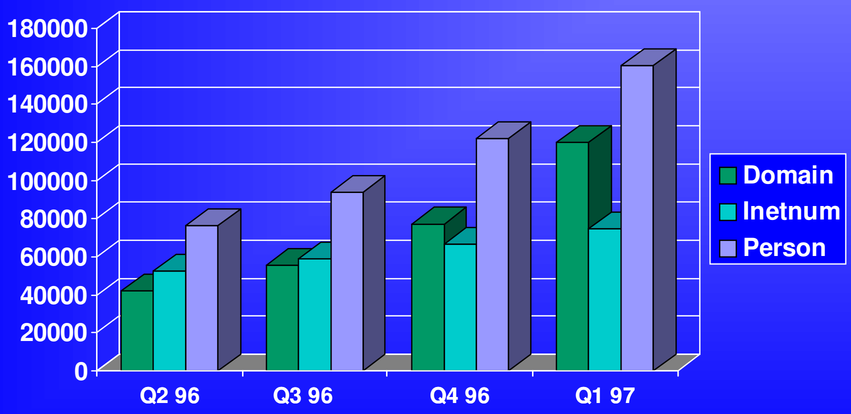
Object Distribution



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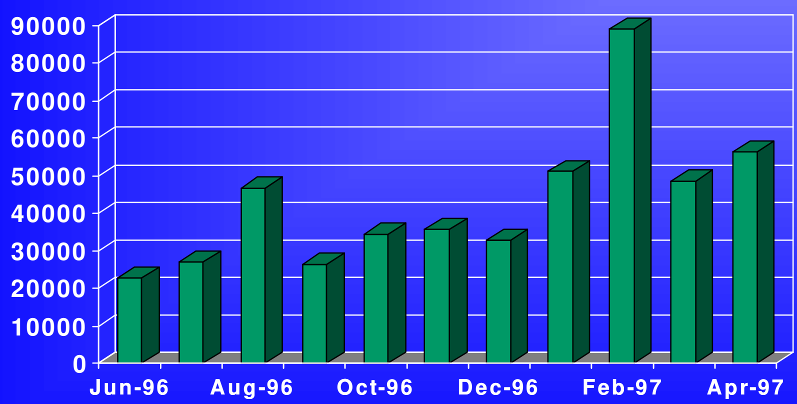
Database Updates



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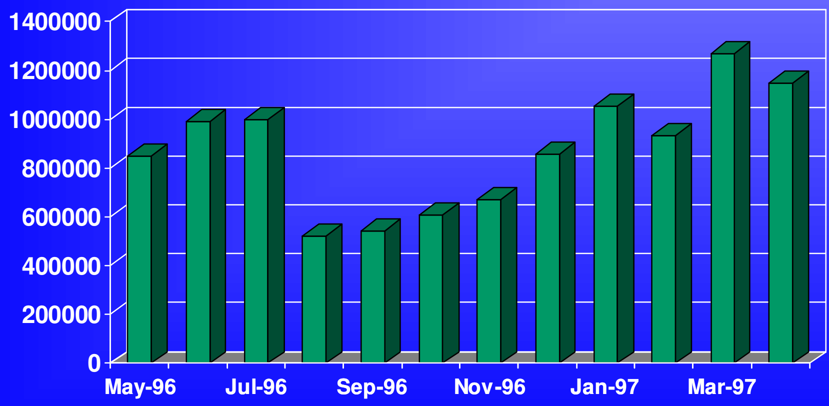
Database Queries



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Short Term Plans

- Database Consistency Project
  - Implement constraints
  - Generate user reports
- Implement:
  - Domain name referral mechanism
  - Cross Notification in RR
  - Hierarchical Authorisation in RR
- Continue with priority list

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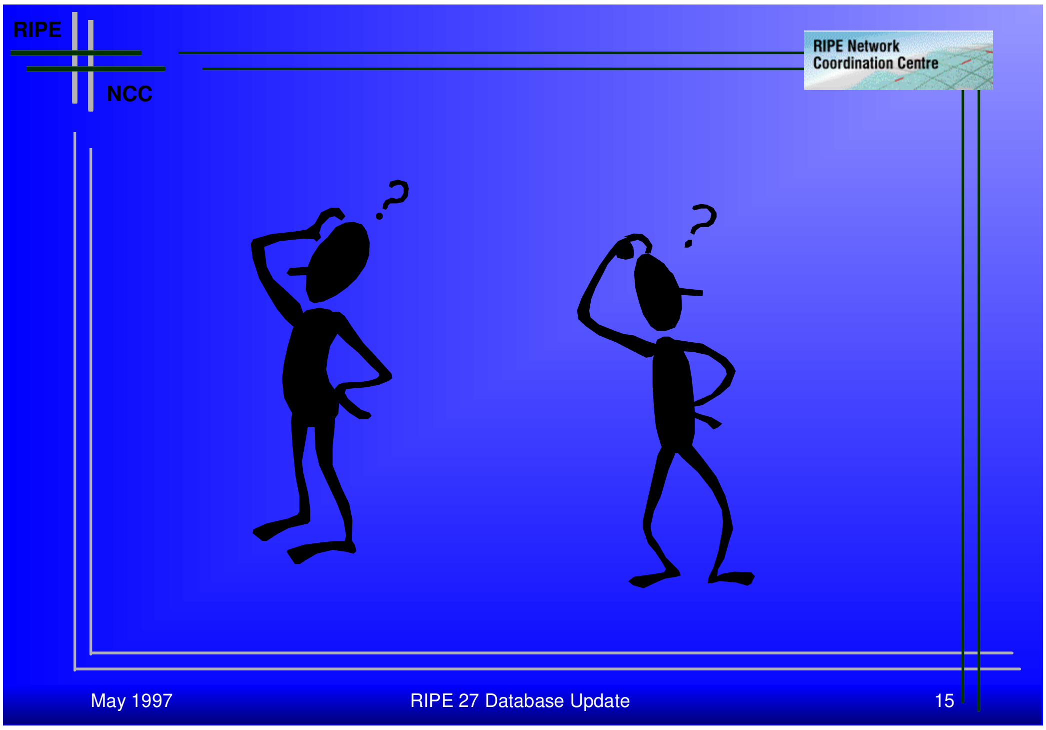
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