YADIFA

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EURid vzw/asbl

.eu
Your European Identity

Y:A:D::I::F:A

- **Alternative choice for BIND and NSD**
  - Implementation Diversity
  - Public Authoritative Slave
    - AXFR/IXFR/Notify/TSIG
    - Interoperability
  - Load from zone files
    - SOA, A, AAAA, NS, …
    - Include, *, @, …
  - Large zone / high query load (TLDs)
  - DNSSEC
    - NSEC, NSEC3
    - Algorithms (DSA, RSASHA256, RSASHA512)

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- **Current functionality**
  - ACLs
  - Dynamic Updates
  - DNSSEC Online signing
  - (Command line) Tools
    - DNS Queries
    - Dynamic Updates
    - (Remote) control
  - Libraries
    - Basis for internal projects

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- Development
  - Started around 2009
  - Written in C
  - Open source / BSD license
  - Portability
- Developped by EURid (.eu Registry)
  - 2 developers
  - .eu Test/R&D/Support/Web Team
- Support
  - (Bug) mailing list
  - No support contracts (yet)

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- **First and formost :**
  - Authoritative public slave
- **But :**
  - Add "useful" functionality
- **As long as :**
  - Performance stays "ok"
  - Security is "maintained"
- **And :**
  - Compile time "functionality choice"

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- Uninterruped reload/reconfig
  - Config files
- Dynamic Provisioning
  - Use DNS protocol to remotely configure zones + all parameters
- (SQL) database/MsgQ backend?
- Validating Resolver?

- Focus groups
  - Root / TLD operators
  - (Hosting) companies

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- .eu has YADIFA authoritative slave for over two years

    (w) http://yadifa.eu

    (m) info@yadifa.eu

    (ml) YADIFA-ANNOUNCE
    (ml) YADIFA-USERS

    (f) YADIFAdns
    (t) @YADIFAdns

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CALMLY MAKE GOOD CHOICES