

BIND 10

The 1st Year

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IEPG @IETF 77

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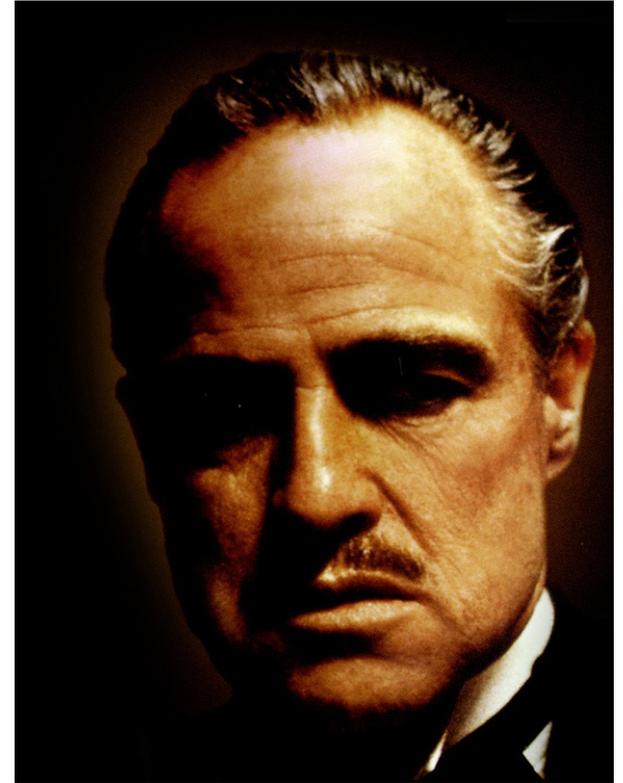
Friday was BIND 10's First Release!!!

<http://bind10.isc.org>



A Phone Call...

- BIND 10
- Project defined
- Sponsors obtained
- When can you start?



I want to if you want to



Sponsors



中国互联网络信息中心
China Internet Network Information Center



A 5 Year Mission^WPlan

1. Authoritative
2. Recursive
3. Production
4. BIND 9 Compatibility
5. New Stuff



Sowing the Seeds of Openness

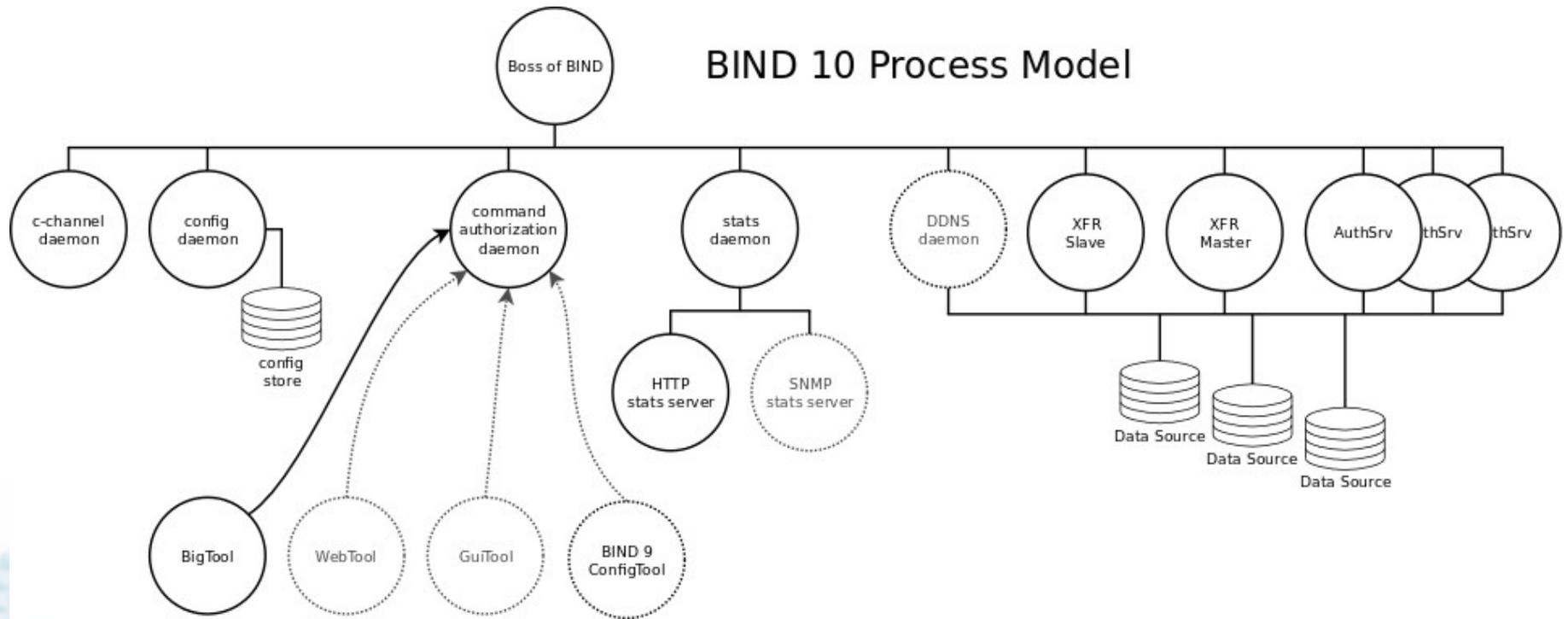
- Trac site, <http://bind10.isc.org>
- Developer list, bind10-dev@lists.isc.org
- Public Subversion
- Published weekly minutes
- Evangineering



...time passes...



BIND 10 Process Model



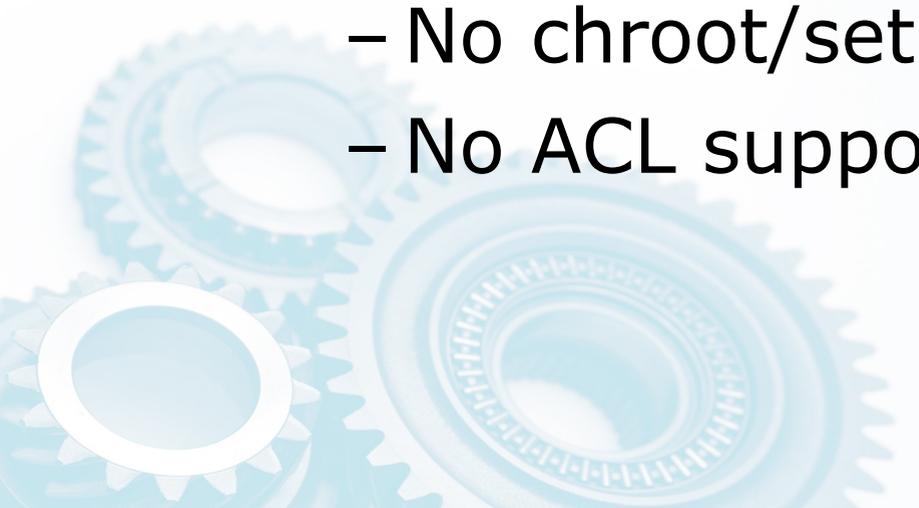
...more time passes...



The Ugly



- Software engineering shortfalls
 - Review process rushed
 - Not full test coverage
- Insufficient security model
 - No chroot/setuid
 - No ACL support



The Bad



- Missing Features
 - Data store update API
 - XFR (in & out)
 - Non-SQL data source
- Not optimized for performance



The Good



- Lots of DNS RFC goodness
 - 1034/1035, 2672 (DNAME), 3225 (DO bit), 3658 (DS), 4033/4035/4036 (DNSKEY, RRSIG, NSEC), 5155 (NSEC3)
- TDP/UDP, IPv4/IPv6
- SQL backend
- DNS library (C++, Python bindings)
- Automated build/test processes

What Next?

- Releases every 4-6 weeks
- Fixing both the Bad & the Ugly
- Recursion
- Additional sponsors



Thanks!

