

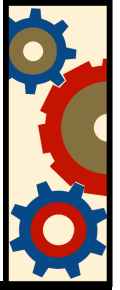


BIND Status

Sofia, 2006



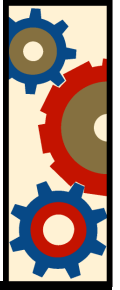
ISC



- Software
 - BIND
 - ISC DHCP server and client
 - Various other less well known projects
- Systems
 - F root name server
 - Hosting of “good folks” (like kernel.org)
 - DNS secondary (about 18 TLD)



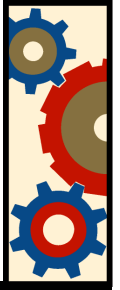
Current Release(s) Status



- Latest & greatest:
 - 9.2.6-P1
 - 9.3.2-P1
- Coming Real Soon Now:
 - 9.2.7rc2
 - 9.3.3rc2
 - 9.4.0b2



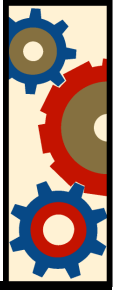
Coming Release



- BIND 9.4: “It's Not Slow”
 - Performance is much better than previous BIND 9 releases
 - Contains an “additional cache”, sort of like a JIT compiler for DNS answers
 - Architecture-specific atomic locks, greatly improves scalability across multi-CPU systems



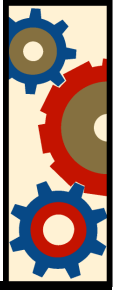
Near Future Work



- GSS-TSIG
 - Interoperability with Microsoft Windows tricky
 - SPARTA organised funding
- NSEC3
 - Early standards work
 - Sponsored by Verisign and Nominet



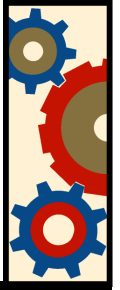
Near Future Work



- New resolver library
 - By Jinmei Tatuya from Toshiba, working at ISC
 - Integration work ongoing
- Improved statistics
 - Adding hooks and developing protocols now



ISC's development process



- External input
 - DNS protocol changes, usually from IETF
 - User requests (of use to many users)
- Things that just need to be done
 - DNSSEC
 - ISC-proposed, like locally-served zones
- Funding

