
Updates on Samba

<http://news.samba.org/>

Gerald (Jerry) Carter
Centeris
SAMBA Team

<http://www.plainjoe.org/>
<http://www.centeris.com/>
jerry@samba.org



What have we been doing?

- Average 4 month release cycle for upgrade releases
 - ❑ 3.0.14a => Apr 14, 2005
 - ❑ 3.0.20 => Aug 19, 2005
 - ❑ 3.0.21 => Dec 20, 2005
 - ❑ 3.0.23pre1 => Apr 22, 2005
- Diff between 3.0.14a to 3.0.23pre1 is 60% of the total lines of code
 - ❑ 10 – 15% of the code tree is new
- New services
 - ❑ Eventlog, service control, registry, perfmon, & usershares
- Improved services
 - ❑ oplocks, winbindd, local groups, performance, etc...

#IRC

- Updates on the Samba 3.0 release schedule
- What is the relationship between the SAMBA_3_0 and SAMBA_4_0 source trees?
- There's a wiki?
- Google's Summer of Code 2006
- How can I help?

Samba 3.0.x

- Samba 3.0.23 is estimated to ship by the end of May
- The current work cycle appears to be
 - ❑ Four months for upgrade releases
 - ❑ Letter releases (bug fix and patch releases) as needed
- New features on the horizon
 - ❑ Backport IDL support from SAMBA_4_0
 - ❑ New \unixinfo rpc pipe
 - ❑ Cleanup parameters in smb.conf

Samba Labs

- Large misunderstanding on the relationship between Samba 3.0 and the SAMBA_4_0 source tree
- SAMBA_4_0 is
 - ❑ A hotbed for research of Active Directory domain control
 - ❑ A successful experiment in CIFS & MS-RPC protocol coverage
 - ❑ A buffet of useful subsystems (pidl, talloc, ldb, etc...)
 - ❑ The architectural blueprint for future Samba releases
 - ❑ etc ...
- Samba 3.0 is
 - ❑ The production server development tree

Rules of Windows Interop

- Rule #1
 - You don't know what is required fully until you implement it once.
- Rule #2
 - What you thought you knew will probably change in the next service pack.
- Rule #3
 - "Feature for feature, bug for bug."

Why re-implement {ldap,krb5}?

- See Rule #1 on previous slide
- The goal is to implement an AD DC
 - ❑ Enough krb5 & ldap to do the job
- La Biblioteca de Samba
 - ❑ Library of knowledge for other open source projects
 - ❑ SAMBA_4_0 is a incomplete prototype of AD requirements

Wiki, Wiki, Wiki

- Samba user community Wiki
 - <http://wiki.samba.org/>
 - Managed by volunteers on the samba@samba.org ml
- Potential to move other small project sites such as ldb to a wiki based infrastructure

Google's Summer of Code 2006

- <http://code.google.com/soc/>
 - Fund students to work on open source projects between US spring and fall terms (May - Aug)
- Samba mentored six students during SoC 2005
 - libmsrpc, smbctool, cifs fs, etc...
- Hoping to repeat the same number of students again
 - Open submission for students starting May 1
- Samba project ideas at
 - <http://www.samba.org/samba/projects/summercode06.html>
- Possibly make use of the bazaar-ng DSCM tools for managing student projects
 - Explore for use by other Samba developers

Getting involved

- Coding
 - ❑ Pick a bug or a feature and discuss you work on the samba-technical@samba.org ml
- Testing
 - ❑ Test early and often
 - ❑ Report bugs via <https://bugzilla.samba.org/>
- Helping
 - ❑ Write (or correct) some documentation
 - ❑ <http://wiki.samba.org/>
 - ❑ samba-docs svn module
- Companies
 - ❑ Support your local Samba developers

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