

What's Happening with Wine and Samba



Juan Lang
Wine Hacker,
UCD Graduate Slave

What's Wine?



- Lets you run regular Windows programs on Linux
- Wine Is Not an Emulator
 - Reimplementation of Win32
 - Approx. 1m lines of code so far
- It's also a porting library: winelib

What's Samba?



- An implementation of Windows file sharing protocols
 - in most cases, faster than Windows on the same hardware

What's coming up in Samba4?



- Persistent DOS attributes
 - read-only, archive bit, etc.
 - no more guessing from POSIX permissions
- NTFS streams support
- Totally new RPC layer

Huh? What's that mean?



- Much better Active Directory support
- Single sign-on
- Better management for mixed environments

How could Wine use Samba?



- Network Neighborhood
- Working RPCs
- Authentication against IIS web servers
- A “winelogon” mechanism

So is anybody working on it?



- Yes! Google Summer of Code
 - Authentication
 - Maybe other projects?

What else is new with Wine?



- New configuration GUI (winecfg)
- Maturing support for installers
- Games!!!
- Wine for MacOS X (MacIntel)

But the \$10m question...



- When will Wine be ready?
 - Probably never be complete
 - For many apps, it's good enough
- Aiming for first (ever!) beta in September

We need your help



- Become an app maintainer
 - appdb.winehq.org
- Help triage bugs
 - bugs.winehq.org
- Give n00bs a hand