

Steve Simon

**Plan9 in a Windows enviroment,
*making friends with uncle Bill.***

Services

- **File access**
- **Native tools**
- **Kerberos**
- **DNS**
- **File formats**
- **PIM - Email, mettings, users info**
- **Exporting 9p**

File access

- **u9fs & cygwin**
- **ncpfs - Netware client - no directory services**
- **cvsfs - cvs repository as a dump filesystem**
- **cifs - Windows neighbourhood**
 - still single threaded
 - MAC - still fails
 - RAP - limitations
 - RCP - needed - COM
 - passwd change - not yet
 - Win 95, 98, NT, 2k, XP, OSX, Samba, (Netapp broken)
 - DFS - will not cross servers, "bodge"

Command line

- **ssh - good, but problems**
- **listen1 and rxd - quick bodge, but fewer problems**
- **u9cpu - the answer**
 - **cd on connect**
 - **/dev/cpunote - DEL**
 - **NTservice - map network drives**
 - **/dev/wdir - for the plumber**
 - **new a "9win" 9p auth protocol**
 - **export environment**

Kerberos

- **libder.a**
- **GSSAPI**
- **SPNGO**
- **gives us... very little,
NTLMv2 will do for most**

File formats

- **xls2txt - works**
- **doc2txt - needs more work - antiword does it anyway**
- **ppt2fs - handy but diminishing returns**
- **.LNK shortcuts - broken implementation by MS**

PIM (i.e. Exchange)

- **SMTP gives us much**
- **WebDAV - full meeting coordination**
- **VCARD - formatted business card**
- **ICAL - formatted calendar, emailed anyway**
- **ldap - user info - location, telephone, email etc.**

DNS

- **SRV records - location of primary dfs server**
- **DNS inform (RFC2136) protocol on dhcp lease**
- **ndb/nbns - NetBios name server query**
- **ndb/nbas - NetBios adapter service**

Databases

- **mysql client - started**
- **Inferno ODBC styx implementation**
- **import windows /mnt/odbc ?**

Native tools

- **ps & kill - by windows thread**
- **prio - shared "compile" machines - Leonardo**
- **who - all attached servers**
- **whois - ldap client**
- **ls -l - file owner/group**

9win

Exporting 9p

- Russ's windows p9p alpha - different p9p and win32 namespaces
- Reparse points / Junctions - global namespace
- 9p client - true private namespaces?
- UMFD
- IFS
- Rangboom™... ?

- **native executables**