

Session Number  
HEN131

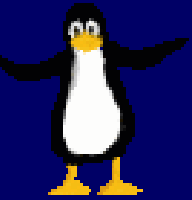
What do you get when you cross  
a Fox with a Penguin?

Part II - Technical Issues

Whil Hentzen

Hentzenwerke InterGalactic

# Who Am I?



Microsoft Visual FoxPro 8x MVP, LTA  
Wrote VFP 6 Cert. Exam for MSFT  
Editor of FoxTalk since 1996  
Billed 15,000 development hrs in '90's  
Books, articles, speaking, kids



# Agenda

- ✓ Installing Linux
- ✓ Top Ten Conceptual Hurdles with Linux
- ✓ How Fox + Linux Can Work Together
- ✓ Installing Wine, Fox, MySQL
- ✓ Using Fox by with Native Data
- ✓ Using Fox with MySQL
- ✓ Resources

# Installing Linux

- ✓ Choosing a distribution
- ✓ Bootable Cds
- ✓ Choose: Dual boot or sole OS
- ✓ Type of installation  
(desktop/ws/server/notebook)
- ✓ This ain't your papa's Linux install
- ✓ Config files - where's the Registry?

# Installing Linux - Updates

- ✓ Are updates available
- ✓ Where are they available from?
- ✓ How to update?

# Installing Linux - Add/Remove Programs

- ✓ Your choices when you want to add or remove programs
- ✓ The RedHat Package Manager
- ✓ What about programs that are not part of your distribution

# How Linux Works

The boot process

Executing programs

Services

Shutting down

# Top Ten Conceptual Hurdles

1. Everything's a file
2. Directory contents
3. Case sensitivity
4. Root matters
5. You don't have to compile everything
6. There's no registry
7. You don't have to reboot
- 8, You don't have to reinstall



# Top Ten Conceptual Hurdles

9. Security has to be addressed

10. You have a choice

11. It can be free, but it probably won't be

# Fox and Linux Scenarios

1. Fox apps developed on Linux, deployed on Windows
2. Fox apps developed on Linux, deployed on Linux
3. Talk to native data
4. Talk to external backends (Linux or Windows)

# Installing Wine

What is Wine?

Where to get Wine ([www.winehq.com](http://www.winehq.com))

How to install Wine

How to update Wine

**VFP is the #1 application being worked on by Wine developers - ahead of Dreamweaver, Photoshop, everything! Add your vote!**

# Installing Visual FoxPro

Need a separate licensed copy

Copying the necessary files to your Linux  
computer

Configuring Wine

Testing

# Installing MySQL

What is MySQL?

Where to get it

How to install it

How to "get" to it

How to update it

# Using Fox with Native Data

DBFs and DBCs on local machine

DBFs and DBCs on the network

# Using Fox with MySQL

Is MySQL running?

Using MySQL to create/modify data

Connecting to MySQL

# Resources

- ✓ Fox on Linux w/Wine:  
FoxTalk: March 2003, June 2003
- ✓ [www.LinuxTransfer.com](http://www.LinuxTransfer.com)  
(articles and mailing list)
- ✓ [www.openfox.org](http://www.openfox.org)
- ✓ [www.leafefe.com](http://www.leafefe.com)  
(ProLinux list)



# Essential Fox Web Update

[www.essentialfox.com](http://www.essentialfox.com)

This session WILL have Web updates

Thank you!

Please remember to send  
me chocolate.