

Who Am I?

- Julien Goodwin
 - LapTop006
- Projects
 - VoIP
 - Asterisk
 - Community
 - Secretary, Linux Users of Victoria (LUV)
 - Core Team, Linux.Conf.Au 2008
- Other
 - Ran a recording studio 2000-2002



Asterisk: About

- Project aim:
 - OSS PBX
 - Support standards based hardware
- Features:
 - GNU GPL / Proprietary dual licence
 - Module based architecture



New in Asterisk 1.4

- Shared line appearances
- Internal HTTP server (AJAX GUI)
- T.38 (FoIP)
- IMAP Voicemail
- Generic Jitterbuffer
- Jabber/XMPP+jingle support
- SNMP Support
- SMDI Support (MWI support for old P
- Generic voice recog support



Asterisk: Challenges

- Echo Cancellation
- Codecs
 - Barely documented
 - Patented
 - Owners unknown
- Wideband codecs
 - Similar to 44.1/48/96/192k issues in DAWs



Asterisk: Dependencies

- Libraries in use:
 - libssl
 - libncurses
- Projects dependent upon:
 - Zaptel
 - Subproject supporting TDM hardware

