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# The Asterisk Project

Free/Open Source Software

Telephony Summit

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# The Asterisk Project

- ⊗ Asterisk Advisory Council
- ⊗ Asterisk 1.4 Release
- ⊗ Community Development Improvement



# Asterisk Advisory Council

- ❏ Composed of five long-time community members:
- ❏ Olle Johannsson, edvina.net
- ❏ Brian Capouch, St. Joseph's University
- ❏ Jeremy McNamara, The Nufone Network
- ❏ Tilghman Leshner, VCCH, Inc.
- ❏ John Todd, Tello Corporation



# Council Charter

- ⊗ Will manage and supervise the community developer pool
- ⊗ Will help set roadmap for open source Asterisk releases
- ⊗ Will help set and manage release schedules for open source Asterisk releases



# Council Membership

- ⊗ Composed of five members, with indefinite terms
- ⊗ When a member chooses to leave, the official developer community will nominate and vote to select a new member
- ⊗ Council members need not be developers or have worked with the code base



# Developer Management

- ⊗ Council will grant 'official Asterisk developer' status to community members who have demonstrated the ability to work with the community, provide bug fixes/enhancements, and support their changes
- ⊗ 'Official Asterisk Developers' will maintain developer branches in the primary Subversion server for Asterisk



# Asterisk Roadmap

- ⊗ Council will interact with the community to determine what features are desired, and more importantly, what resources are available to get those features implemented
- ⊗ Council will interact with companies who wish to sponsor feature development to ensure they follow the roadmap



# Release Scheduling

- ❏ As announced last year, Asterisk is now on a six-month regular release schedule with pre-determined architectural and feature code freezes
- ❏ Council will assist the core developers in deciding which community submissions fit within the current release schedule or must wait for the next release



# Asterisk 1.4 Release

- ❏ First scheduled major release since Asterisk 1.2 in November, 2005
- ❏ Will enter beta cycle in late May, and will be released in late June or early July
- ❏ Contains a large number of bug fixes and new features
- ❏ Many portability improvements



# Asterisk 1.4 Major New Features

- ❏ T.38 FAX passthrough over UDPTL
- ❏ Jingle (GoogleTalk) support as a network peer
- ❏ HTTP/AJAX Manager Interface
- ❏ Fully RFC compliant SIP transfer support
- ❏ Generic Speech Recognition API
- ❏ Asterisk Extension Language



# Asterisk 1.4 Major Improvements

- ❑ Multithreaded IAX2 channel
- ❑ Many new dialplan functions for interaction with channel drivers
- ❑ More consistency in application arguments and options for easier coding
- ❑ Re-recorded standard prompts with higher quality, available in all common formats
- ❑ Redesigned build system for better portability



# Community Development

- ⊗ Digium still manages master tree, but...
- ⊗ There are now nearly a dozen community members with direct commit access
- ⊗ In addition, there are members who maintain specific portions of the project with direct commit access
- ⊗ There are a dozen more community members with developer branch access



# Conclusion

- ❖ The Asterisk project's community is growing both in size and contributions
- ❖ The community's ability to direct the project will improve dramatically with the creation of the Advisory Council
- ❖ Scheduled releases will simplify upgrade cycles and will reduce the 'major upgrade' problem (i.e. 1.0 -> 1.2)



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**Thank You!**