



## Project Structure

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## Consensus Model

- Strive for consensus
  - Goal: **PREVENT THE FORKING PROBLEM**
  - Interests groups formed around specific topics
  - Components used as a way to explore alternatives
- Regular periodic meetings (every 2-3 months) for several days for technical collaboration
- Weekly coordination telecons

## Release Process

- Goals:
  - Provide well tested and production hardened snapshots
  - Prevent the “forking” problem
  - Document release

## Release Branches

- Branches are created for each major release
  - Branch 1.0 (initial release)
  - Branch 1.1 (first production release). Branch tagged last week, qualification starting
  - Branch 1.2 targetted for early August (SC'06 release)
- Open Issues:
  - Release frequency
  - Content of each release

## Release Frequency

- Major releases:
  - TBD - 1.1 and 1.2 have dates set
- Minor release:
  - TBD

## How long do we maintain a branch ?

- TBD
  - Need default policy, as well as ways to accommodate special needs
  - Want to prevent “forking”

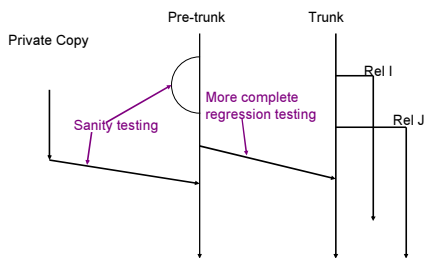
## Major Release Process

- Set release date
- Create release branch
- Appoint 2 release managers (also responsible for minor releases)
  - 1.0 - Jeff Squyres & Tim Woodall
  - 1.1 - David Daniel & Jeff Squyres
  - 1.2 - ?
- Create written test plan
- Track progress on test plan and adjust scope, if need be

## Major Release Process

- Document new release
  - New features
  - Major bug fixes
  - Known issues
- Release :-)

## Repository



## Repository Access

- Requires either organizational or personal signed 3rd party agreement
- Private copies: No restriction
- Pre-Trunk and Trunk : section of code gatekeepers (2)
  - Requires code review
- Release branch: Release managers
  - Requires code review

## IP and License

- IP is owned (by law) by the creators of the IP
  - The 3rd party agreement states that you own the IP for code you contribute
  - Create clear IP "audit trail"
- License: BSD style
  - Can't contribute code with license that will contaminate the repository (such as GPL)
  - Keep the repository unencumbered