Packaging
CSE 403 Section, 2009.4.22 Jonathan Beall
More than an executable?

- Documentation?
- Resources?
- Installation?
Windows

- Windows Installer
- Install Shield
Mac OS X

- Installer.app / .pkg packages
- Self contained .app bundles (on disk images)
Linux

- (Distro specific) package manager
- Source tarball
  - ./configure; make; make install
- Autoconf, Make, CMake, Ant, Maven, Rake...
- README / INSTALL
Web Start / JNLP

- Website -> JNLP file -> Java Web Start
- Cross-platform deployment
- Handles updates
- Put all resources in the JAR file
- Sign JAR to get out of sandbox
Guidelines

• Clear instructions
• Requirements
• Automate
• Clear, flexible configuration
Release(s) we’d like

- Stuff for both users and developers
- Often easier in one package
- Sometimes the same
- Complete instructions
Setup we’d like

• README in your svn repository
• Tell us where everything is
• One step build script to generate all releases