

# 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