CE0825a: Object Oriented Programming II 13: Commercial Java, Demos

James A Sutherland

Abertay University

Monday, 18th April 2016

- Videos
- Screenshots
- Instruction manual
- HOWTO, FAQs

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Screenshots, web marketing to potential users
User guide for new users
Reference, HOWTO Task-specific instructions
Code comments for maintainers later on

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PKG Mac installer package, equivalent of MSI

DEB Debian/Ubuntu package

RPM RedHat Package Manager

ZIP Just a bunch of files. Common for tools

DMG Mac disk image, much like ZIP but friendlier

EXE Self-installing, user-friendly

JAR Fine for programmers or if they have a JRE already

Applet No. Just no. Not this century!

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Going Native

- Bundle your own copy of the local JRE: self-contained
- App runs as javaw.exe unless you:
- Create your own EXE wrapper free tools like JSmooth

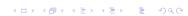
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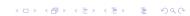
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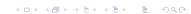
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- Written in Java with SWT.
- Some 3rd-party libraries with source licenses.
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- Package into EXE with JSmooth
- Package EXE with JRE into MSI via WiX
- Package MSI into an EXE for download with NSIS
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- Full release scripted (Linux Makefile), single command to build Mac+Win
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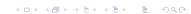
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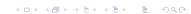
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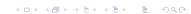
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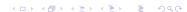
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- Demonstrate it
- Submit the source code
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Lab Task Week 13

I Complete and submit coursework, get ready for demo!