

HCI 1/28

Reagan Shirk

January 28, 2020

App Design in Swing and FX

Command Line Stuff

- gradlew installDist
 - installs the build directory
 - build > install > base > bin is relevant for something
- Sorry guys I'm so zoned out today
- I've been up very late at night and very early in the morning for weeks
- He's just been showing us code all class

JavaFX Features

- Controls
 - nodes for the familiar widgets, including a canvas for custom graphics
- Shapes
 - familiar geometric objects
- Layout
 - for parent nodes provided as Pane classes and unstructured Groups
- Styling
 - set node appearance with property methods, or assign IDs for CSS
- Interaction
 - register event callbacks for any node, modify their properties
- Animation
 - specify timelines to automatically change node properties over time

Model View Controller (MVC)

- A philosophy, an approach
- The view and the model don't know about each other
 - The controller is the mediator between the two
- A conceptual framework for structuring UI code not specific for java (or even UIs)
- There are Models, Componentes, and Handlers