11-1-2010
Opening Discussion

- IcP solutions.
- Questions about the assignment?
- Mine essay comments:
  - Disliking imports.
Images

- We talked briefly last time about how to load images with ImageIO.
- We need to talk a bit more about the BufferedImage.
- It is a raster image, a 2-D grid of pixels.
- If you make a BufferedImage you can use createGraphics to get a Graphics2D that will draw to it.
Double Buffering

- The “proper” way to write the paint method is to have a BufferedImage that you draw to, then draw the image to the provided Graphics2D object.
- This is called double buffering and it prevents flicker and can make things run faster.
Mouse Events

- There are several types of events that relate to the mouse.
  - MouseClicked
  - MouseDragged
  - MousePressed
  - ...
- Listen to one of the publishers on a component.
  - mouse.clicks
  - mouse.moves
  - mouse.wheel
Now that we can use images we can test out the TexturePaint.
Last time we mentioned AffineTransforms, but didn't see what they can do.

Let's take some time now to write code that uses an AffineTransform in our drawing.
Questions about graphics before we move to sorting?

No IcP because the assignment is due on Wednesday.