

Lecture 9 Notes**6:30-9:30PM, Monday, 19 July 2015**

1. Layout: customizing to Device class and orientation – 6:30-6:50
 - a. Move the controls on GoL to where they fit best
 - b. Device rotation: allowing all four directions
2. Making observers more palatable 6:50-7:05
 - a. Make a dispatch table mapping messages to closures
 - b. Use lazy initialization to create notifications only once per type but still have them include 'self'
3. Purifying MVC – 7:05-7:20
 - a. Recognize what model data is still hiding in ViewController
 - i. 'interval' is really a model concept
 - ii. So is 'running'
 - b. Technique: updateUI() has to be really good now
 - c. Consistent use of model property observers
4. Saving battery, show good MVC technique – 7:20-7:30
 - a. Stop the simulation when no more changes
 - b. Do it elegantly with 3 additional lines of code
- BREAK –
5. Persistence – 7:40 – 8:10
 - a. Super simple example
 - b. In the context of GoL
6. URL image loading – 8:10 – 8:30
 - a. Super simple example
 - b. In the context of Lecture 8 Image Explorer
- BREAK –
7. Image picker
8. Table Editing (as time allows)