204: Swift Functional Programming

Part 5: Conclusion

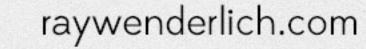
What We've Seen

- Use of the classic higher-order functions
- Problem modeling via values and pure functions



Straight talk on FP

- Benefit: Makes programs as simple as math!
- Risk: Makes programs as hard as math!
- Easy to adopt piece-meal
 - Pure functions
 - Values



Straight talk on FP

- Not discussed: type systems
 - a path toward deeper insight and clarity
 - a puzzle distracting you from the actual problem



Resources

- * Functional Programming in Swift (2014), by Eidhof, Kugler, Swierstra)
- ** Structure and Interpretation of Computer Programs, by Abelson and Sussman
- * Programming Languages (2013), Coursera, University of Washington

