The Problem

- Weather events cause hazardous travel
  - 1,511,200 vehicle crashes annual
  - 629,300 persons injured annual
  - 7,130 deaths annual
- User context to find weather
  - What weather will impact a users event
  - Query on current and future location and time
  - Difference from:
    - Rain this afternoon
    - Rain along your route to dinner from 5 – 6 PM
Done So Far

- Layout for app
- Location data
- GoogleMap display
- Started simulation weather server
  - Read example data
  - Simulate weather movement
- Geotools spatial filter
- KML example output
Left to Finish

- Complete simulation weather server
- Setup simulation data for evaluation
- Remaining interface additions for app
- Add query rules for app
- Perform evaluation
  - Test group uses app over several days
  - Test group fills out survey on their opinions and if travel decisions would be changed
- Compile results in report