

PerspectiveView

CS533C 2009F Project Progress Presentation

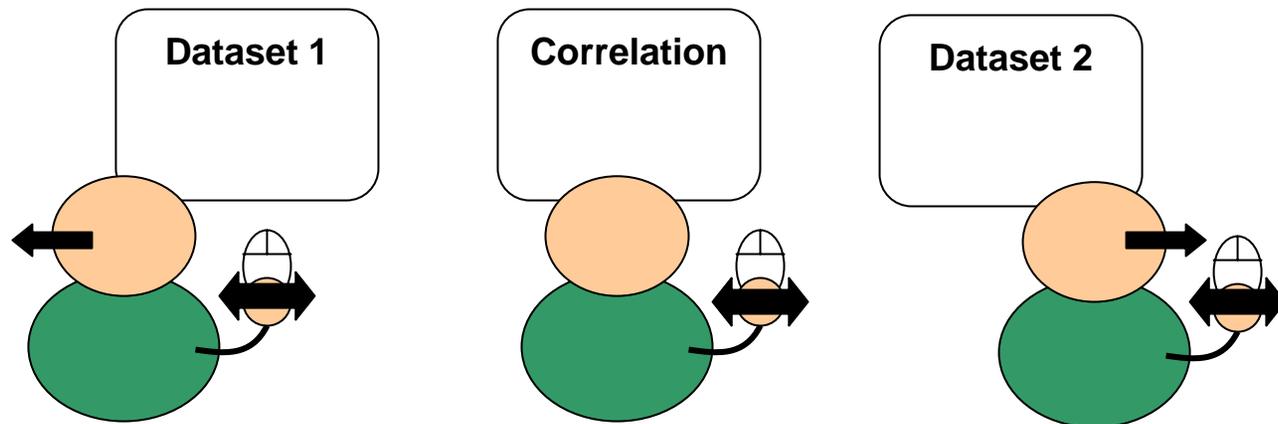
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November 16, 2009

Project Overview

- Web application
- Visualizing geospatial data on a map
- Head-coupled Interaction
 - “viewing the world from different perspectives”



Motivation

- Easy web access
- Raise public awareness
- Interaction!



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Related Work

- GapMinder
 - Scatter plots
 - Correlation over time
 - Less spatial details
 - Having an alternative doesn't hurt 😊
- Guiard, Y. 1987. *Asymmetric division of labor in human skilled bimanual action: The Kinematic Chain as a Model*. *The Journal of Motor Behavior*, 19(4), 486-517.

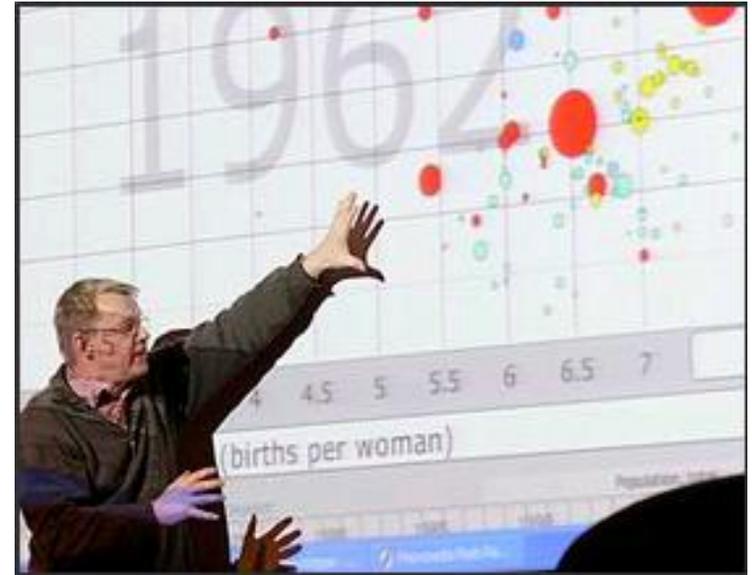


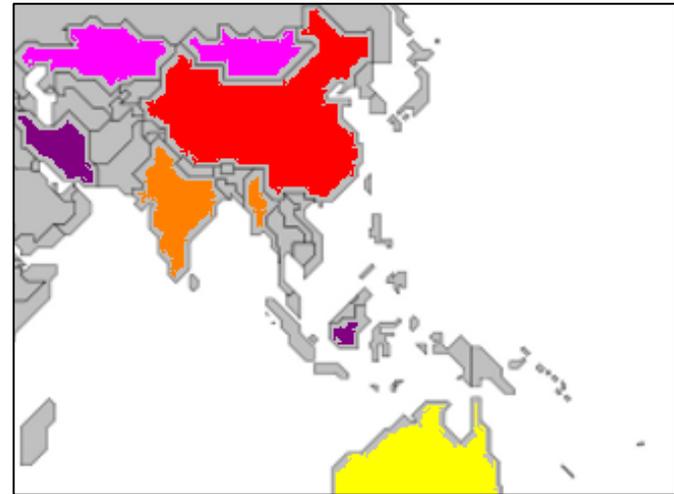
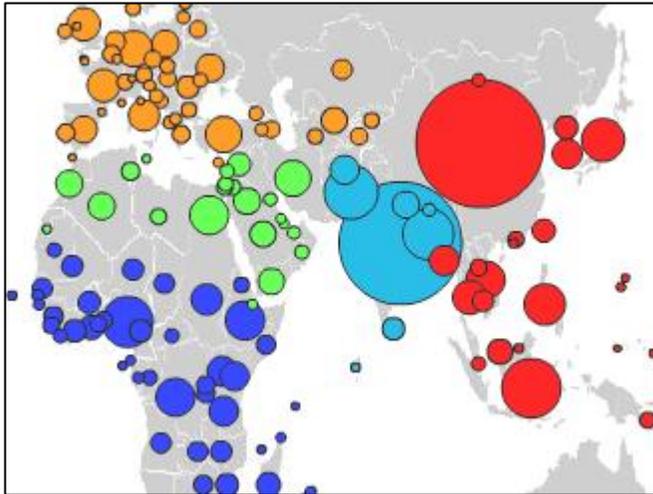
Image from gapminder.org

Project Progress

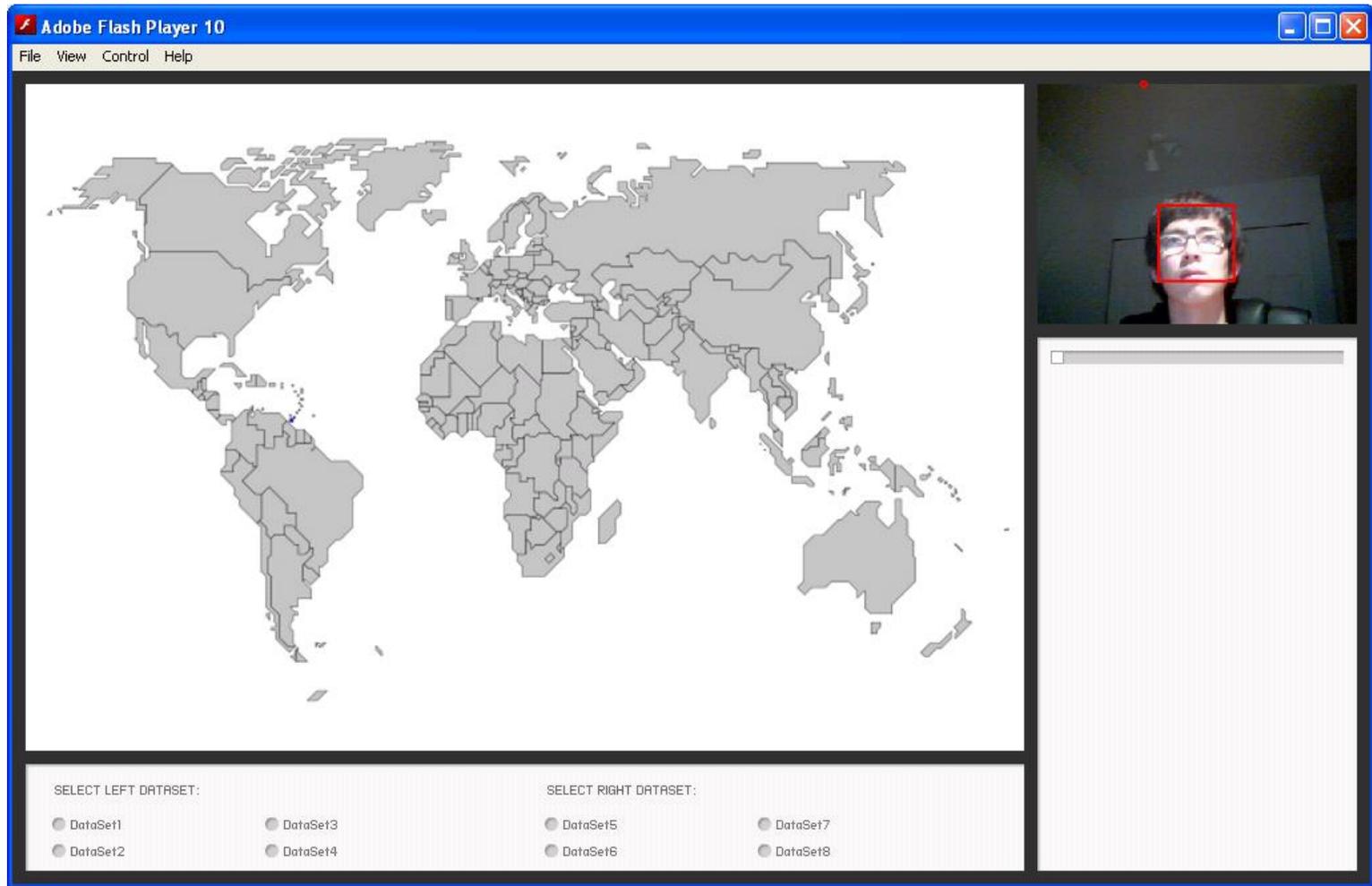
- Experimented with ActionScript 3.0 and Flare (Flash version of Prefuse)
- Obtained datasets
 - Income per person, life expectancy, etc.
- Face detection in ActionScript

Project Progress

- Optimal head movement region
- Color coding choice



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Questions/Comments?