ESD 342 Session 3

Faculty: Magee, Moses, Whitney
February 14, 2006
Point of View & Biases Presentations

- Reverse Alphabetical Order: Please write down or remember who you follow and come to the front as soon as that person finishes or as soon as the moderator declares that their 3 minute limit is reached as we are very tight on timing
  - Yang, Wirthlin, Weibel, Vaisnav, Underwood, Tapia-Ahumada, Sudersanam, Steel, Song, Noor, Nicol, Mozdzanowska, Martin, Long, Livengood, Lin, Lindsey, Hanowsky, Frank, Drayside, Castro, Bounava, Bonnefoy, Avnet
Possible Importance of Point of View/Bias Exercise

• Potential Strength
  • Contributions to knowledge (intellectual or research) and contributions to practice can be enhanced by having a definite point of view and/or personal style.

• Potential Drawback
  • “It isn’t what you do not know that gets you into trouble but what you think you know that just ain’t so”
Assignment #2: Systems Proposed for Project Work

• Assignment #2 posted on 2/14
  • One written page submitted to all three instructors by 1 PM on Wednesday, February 22.
  • 30 copies brought to class for discussion on Thursday, Feb. 23.
  • Each student is to make an independent proposal to fulfill this assignment but down-selection will be used to form 3 (or possibly 2 or 4) person teams for the remainder of the project.

• Issues to think about in the choice of a system to propose:
  • Why intensive study of this system may help all of us learn more about architecture
  • The existence of data sources that might allow building and exercising network models of (or helpful in understanding) the system
A Few “Thought-starter” Project Ideas

• Continue one of last year’s projects-see web site
• Improve detail of Western Power Grid or some other part of the electric power grid
• Analyze a software system or a language over time
• Build and analyze a collection of social network data and its time dependence
• Investigate and model the old Bell System PSTN, possibly including its growth over time
• Investigate and model competitive and supply-chain systems of corporations (analyst information)
• Build networks from “people who bought this book also bought…” or something analogous from eBay or MySpace
• Map the New England power grid from 1965 or 2003 blackout reports
• Compare public transit layouts in large cities world wide
• Make an agent model of distribution system growth, such as nerves, capillaries, transit or highways