NetSci 2012

Material

- Tutorial Presentation DetailsTutorial Announcement and Details
- Reminder email template
- Slides - note that the Jython code in some of the slides is incorrect.
- Pre-questionnaire
- Post-questionnaire
- Sample Datasets - full sample datasets can be found at 2.5 Sample Datasets
  - ISI data used in the tutorial
    - FourNetSciResearchers – 361 publications spanning 52 years and four network scientists: Albert-László Barabási, Eugene Garfield, Alessandro Vespignani, & Stanley Wasserman.This data was collected in 2007 from Web of Science.
    - AlessandroVespignani – 101 publications authored or co-authored by Alessandro Vespignani from 1990-2006.

Required Software

- Java 1.6 or higher - A programming language and computing platform for developing cross platform (operating system) software. You can check your currently installed version here.
- Science of Science tool (Sci2) - A desktop application for information analysis and visualization.
- An image viewer capable of interpreting the PostScript visualizations generated by the tool.
  - **Windows** users may find that they have a commercial PostScript viewer from the Adobe Acrobat family already installed. Alternatively they may install the free interpreter Ghostscript and the free viewer GSview (**both** are required in this case).
    - Other possible alternatives to investigate (thinking out loud, edit this away later):
      - http://www.rampantlogic.com/psview/index.html A bundling of Ghostscript 8.61 as a single executable that forwards the generated PDF to the OS's default PDF reader. Reviewed pretty well on cnet.
      - http://kb.iu.edu/data/afbn.html?cust=1244 mentions something called RoPS; its website isn't loading right now.
      - The online service at http://view.samurajdata.se/ sorta works but isn't very convenient or pretty.
  - **Mac OS X** users can use the built-in Preview application and should not need a 3rd party reader.
  - **Linux** users will likely find that their distribution comes pre-installed with Ghostscript and may use one of its included scripts (see ps2pdf).

- Gephi - The Open Graph Viz Platform - Not strictly required, but may be demonstrated during the tutorial.
- R - The R Project for Statistical Computing - Not strictly required, but will be demonstrated during the tutorial.