Brief Bio and (PR)²: Problems & Pitches – Raves & Rants by Bruce Herr

Biography (about 250 words)

Bruce Herr is a CS graduate from Indiana University. He enjoys making cool, extensible, usable, and maintainable software. He is a full time software developer working for Katy Borner. His current projects are the Cyberinfrastructure Shell (CIShell), TaxonomyValidator, InfoVis Cyberinfrastructure, Network Workbench, and SciMaps.org. His personal website is at http://about.bh2.net.

General Questions

What is your main interest in attending the workshop?
Meeting innovators in the discipline of database and data integration, learning the techniques they use, and discussing future work in this area.

What is your main interest in ‘data sharing’ and/or ‘data integration’?
Creating software projects that use data intelligently and allows for knowledge discoveries and dissemination.

Scholarly Datasets and Data Integration Challenges

Please provide information on the datasets you serve/use in your research.

Dataset/Project Description

Preservation – what processes or procedures are in place to keep data useable over time?

Provenance – what processes or procedures are in place to insure that the data contributed to the project is authentic and authoritative?

Privacy Policy – what policies are in place to insure the privacy of contributors and/or end researchers?

Data formats / types – what type of data is stored and in what format?

Database Technology – what database management system is used (Oracle, MySQL, etc)?

Storage Technology – what hardware is used to store the data?

Backup Strategy – with what frequency is the data backed up? Are copies kept off site? Do you have a disaster recovery plan?

Partners – what other organizations participate in this project?

Funding / Ownership – which organization owns this project, and how is this project funded?

What data integration issues are you facing/addressing in your research? Please address policy and technical level.

What data integration solutions do you use/have you developed?

Please provide references/links/pointers to relevant work, papers, and efforts.

Please send the completed document by August 22, 2006 to Katy Borner <katy@indiana.edu> and Stacy T. Kowalczyk <skowalcz@indiana.edu> using the subject header ‘ScholarlyDB&I’.