Personalized Information Environments

New Ideas

• Encapsulate heterogeneous distributed information resources into cohesive logical personalized collection(s)
• Provide for information exchange among the constituent distributed resources to improve retrieval effectiveness for each individual user
• Provide an architecture for sharing these personalized collection(s)

Impact

• More effective access to information resources
• Transparent distributed searching
• Customized alerting (SDI) services
• Improved level of information sharing
• Greater personal productivity

Schedule

A. PIE architectural specification complete
B. Begin search effectiveness experiments
C. PIE deployed over NCSTRL
D. PIE deployed over heterogeneous resources
E. Instrumented system producing data for analysis

University of Virginia: J. C. French and A. S. Grimshaw