



## Project Overview

- Electronic infrastructure to triangulate knowledge
  - Of individual
  - Of colleagues
  - Of world
- Independent, interacting information repositories, customized to each user
  - Automated data gathering
  - Active observation of user activity
  - Adaptation to individual query needs
  - Inter-haystack collaboration



## Progress Through December 2001

- Development of user interface
  - Data “self describes” how it should look
  - Ontology for representing such descriptions
  - Rendered translates data to screen
  - All data stored in data model
  - Display rules for new types can be edited or shared
- User study
  - General question: how do people manage information?
  - Data gathering completed---observation, interviews
  - Evaluation beginning
- Winnow web-information filter
  - Experiments have confirmed effectiveness



## Research Plan for the Next Six Months

- Haystack mail tool
  - Rich source of information and information needs
  - Proof of concept of easy incorporation of new data types
    - Into data model
    - Into user interface
- Machine learning agents
  - Develop data extractors, mail classifiers, recommenders
  - Incorporate semistructured data in learning process
- Analyze user study data
  - Draw conclusions about use of information
  - Incorporate conclusions in Haystack user interface