Project Overview

• We wish to retrieve relevant information from large unstructured databases
  – the underlying technical difficulties are shared across various retrieval tasks
• We develop a particular synthesis of machine learning methods to solve these challenges
Progress Through December 2000

- Efficient representations for accurate information filtering
- Information theoretic approach to optimal elicitation of user feedback
- Sequential error correcting codes for multi-way information filtering
- Characterization of when we can and cannot expect to be able to use incomplete information
Research Plan for the Next Six Months

• Overall focus gradually shifting towards implementation and testing of proof of concept tools
  – elicitation of user feedback
  – multi-way information filters

• Formulation and utilization of transfer across multiple tasks