

# SATURN

Semantic Access to Time-  
ordered url's and Related  
Information

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# Search

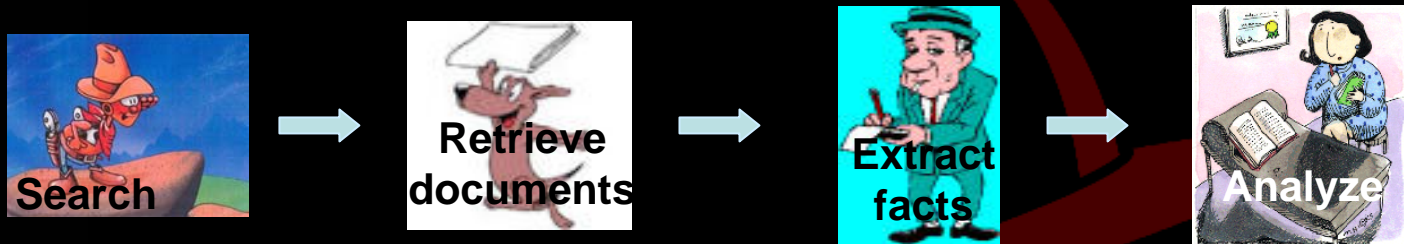
- More accurate and more effective document search by using metadata in documents
  - Administrative
  - Subject
  - Entity, relationships
- Metadata determined by natural language processing tools
- Metadata represented in OWL

# Discovery

- Search engines provide results, but offer no help in *understanding* results
- Discovery — learning what you didn't know to ask for
- SATURN implements discovery by analyzing search result sets along metadata dimensions

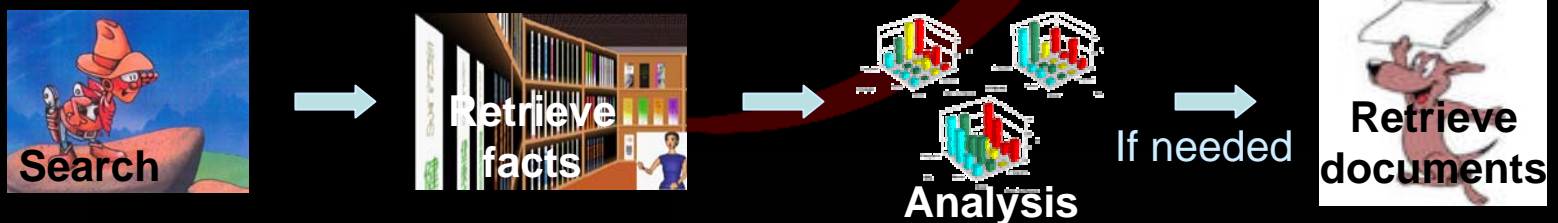
# Analysis of Information in Text

## Current Process



Problem: relevant facts included in different documents

## Objective Process



Success depends on capabilities to determine and represent information in text