

SATURN

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

Dr. A. Joseph Rockmore
Cyladian Technology Consulting
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Search

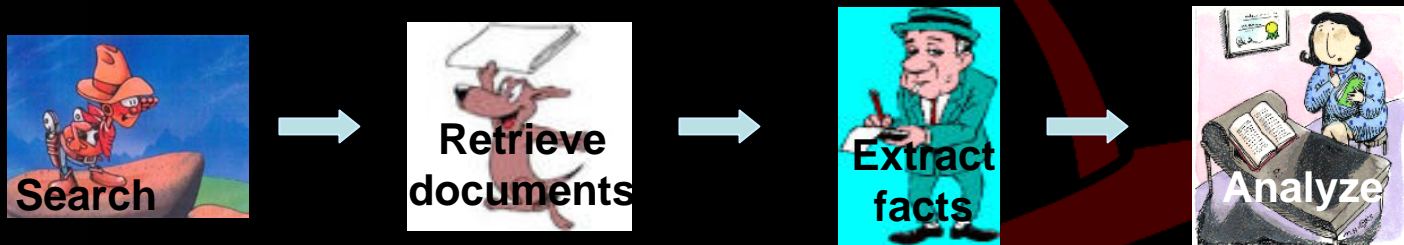
- More accurate and more effective document search by using metadata in documents
 - Administrative
 - Subject
 - Entity, relationships
- Metadata determined by natural language processing tools
- Metadata represented in OWL

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

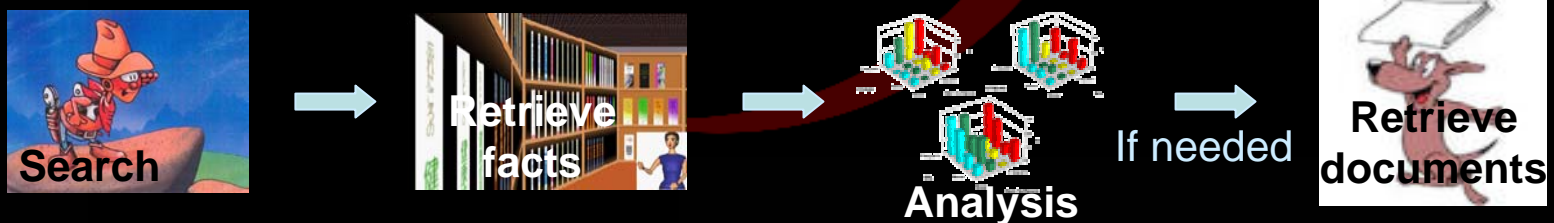
Analysis of Information in Text

Current Process



Problem: relevant facts included in different documents

Objective Process



Success depends on capabilities to determine and represent information in text