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LCC Background

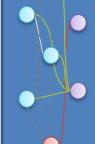
"Boutique" provider of **next-generation** natural language processing software solutions for Government and commercial customers

- Founded 1995
- Based in Richardson, Texas
- Over 50 peer reviewed publications
- ARDA Aquaint, IARPA SCIL, IARPA Metaphor, DARPA Causal Exploration, DARPA CCU



Technical Capabilities

Semantic Analysis and Knowledge Base Creation



- **❖** Named Entity Recognition
 - People, Organizations, and Products
- Concept Recognition
- Knowledgebase
 Linking

- ***** Event Recognition
- Geocoding
- Time-stamping
- Modality

Summarization

- Event Tracking
- Product Tracking
- Update Summarization
 - Dossier Generation

Textual Inference

- Geospatial
- Temporal

- Plan Recognition
 - Entailment



Technical Capabilities



Personal Analytics

- User Segmentation
- **Cognitive State**
- Personality

- Goals
- Intentions
- Actions



Personal Interactions Analytics

- Social Actions
- Reputation
- Interaction Patterns
- Influence
- Sentiment



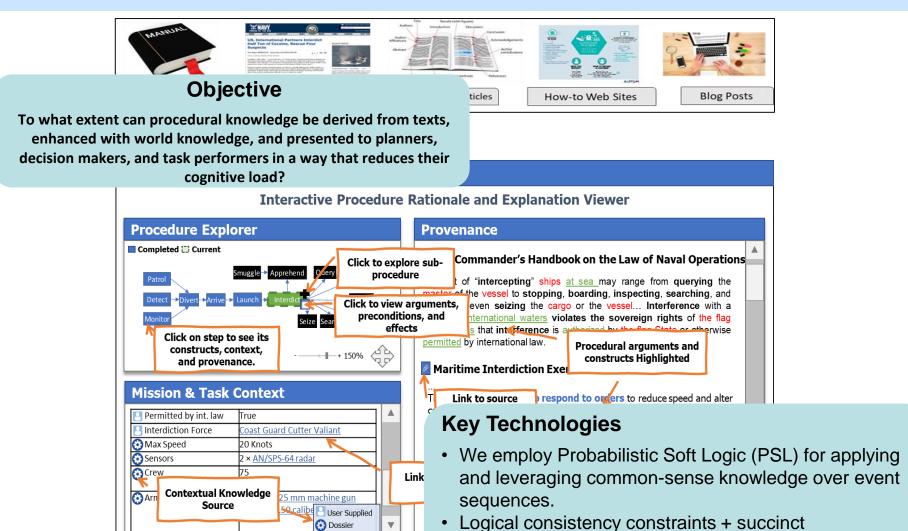
Group Analytics

- **❖** Social Roles
- **❖** Social Capital
- Group Leadership

- Group Cohesion
- Group Success



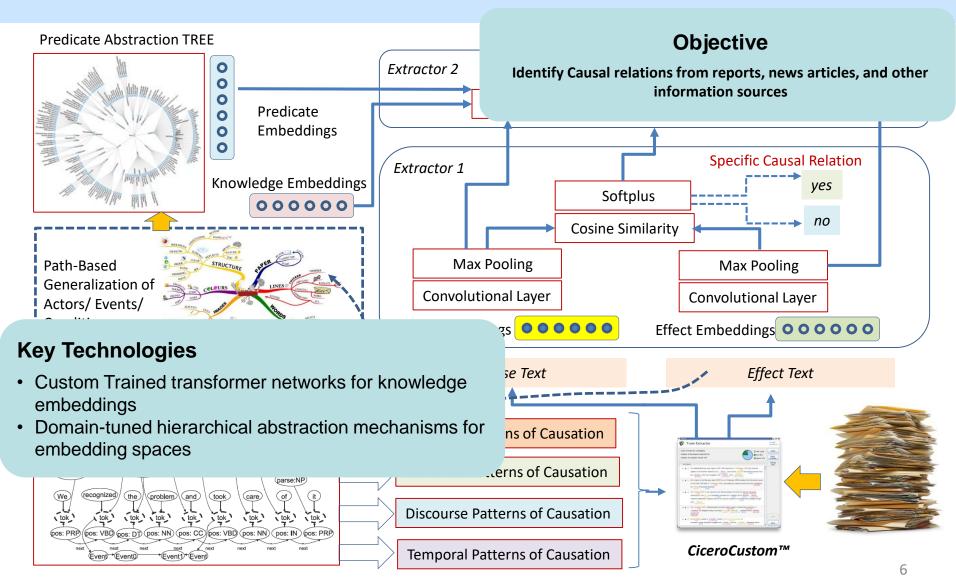
Learning Procedures



representations of commonsense knowledge



Extraction of Causal Information From Text





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