

Email Social Network Search



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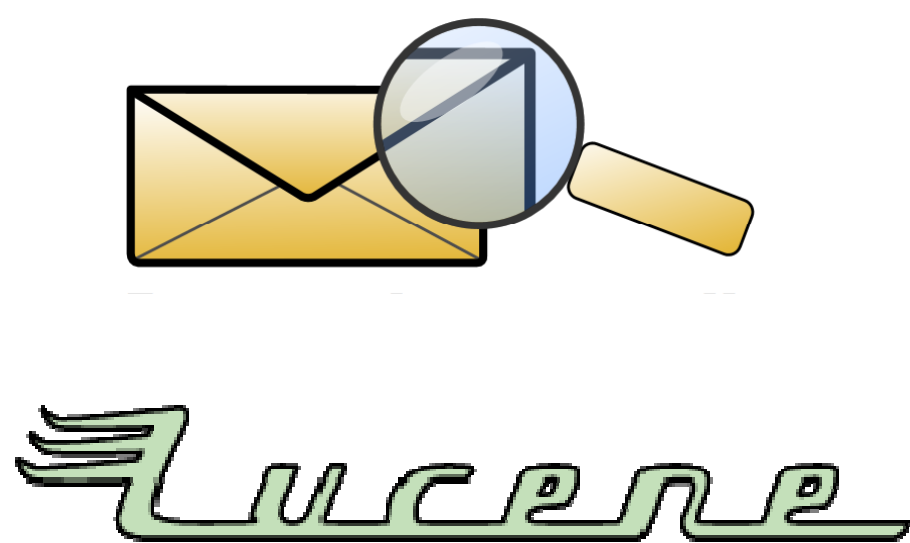
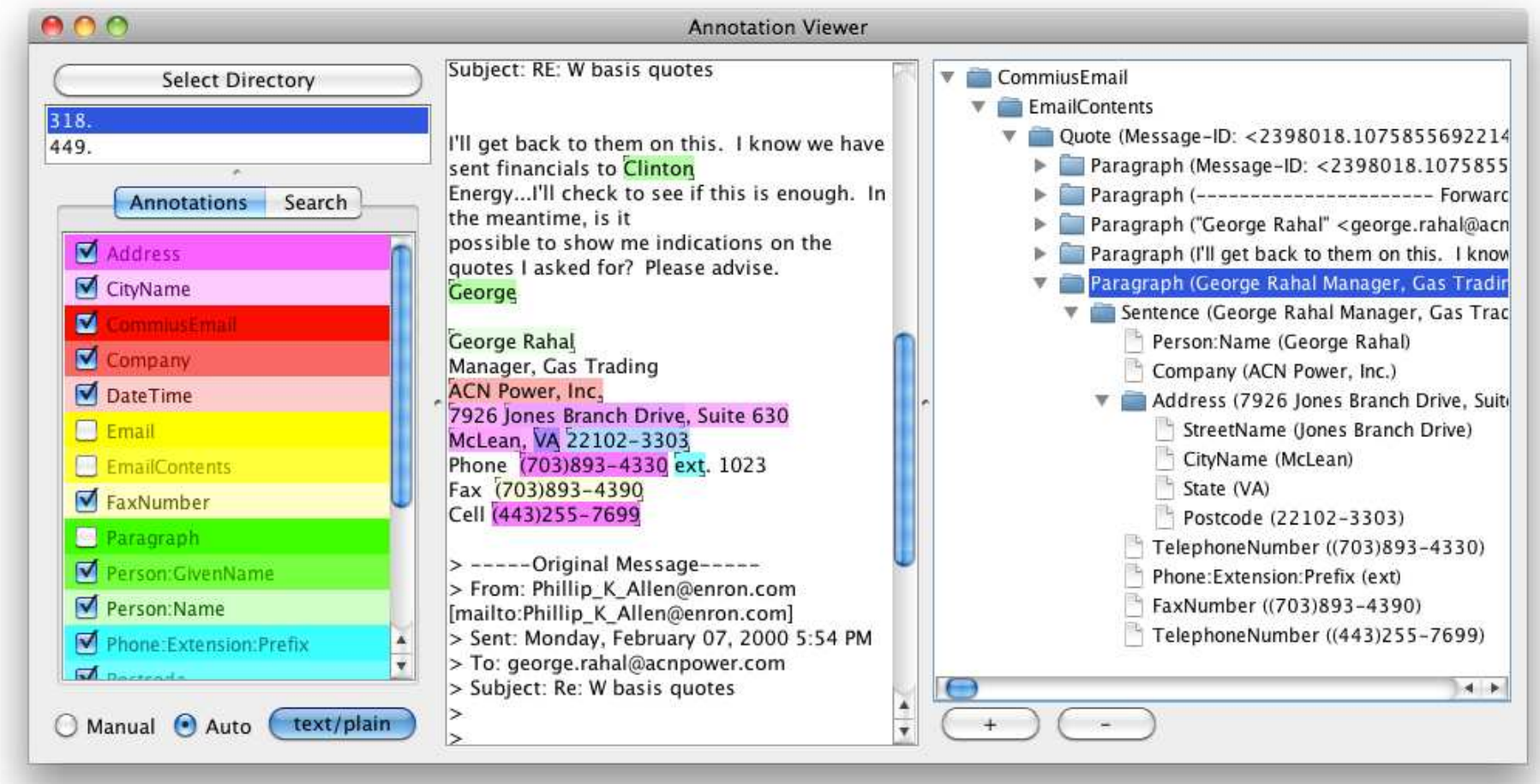
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Motivation

To exploit information and knowledge included in email communication

Approach

- Social Network Extraction
- Entities extraction like People, Organizations, Locations, Contact data
- Forming semantic trees and graphs
- User interaction with graph data

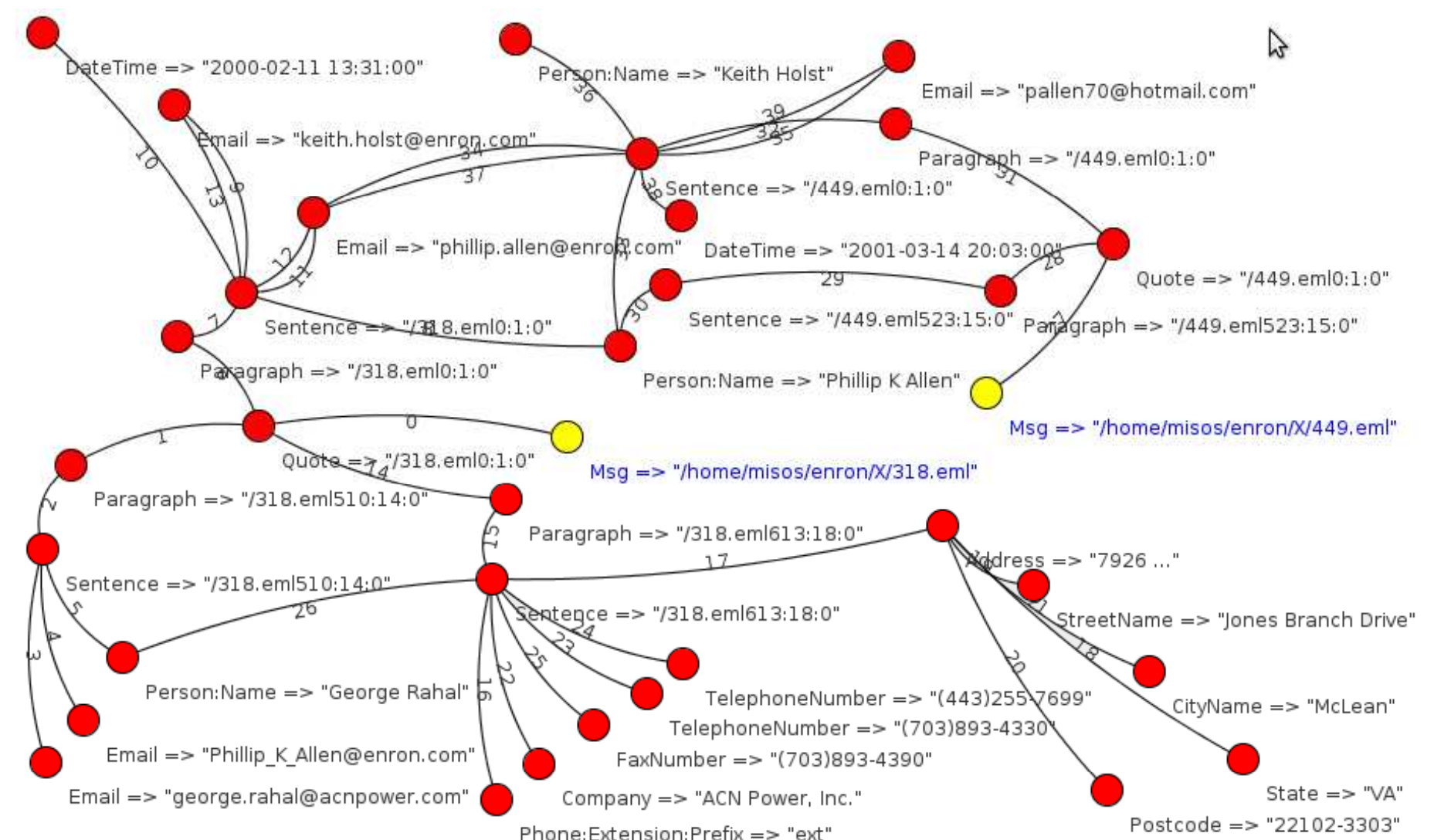


Used Technology

- Regular Expressions
- Java Mail
- Lucene

Used Tools

- Ontea
- Acoma



Features

- Social network of communicating people with relation to other entities
- Discovering relation in the Graph (network) using spread of activation algorithm
- Showing relations of concrete type, e.g. telephone numbers related to a person
- Navigation over related entities
- Full-text search of the entities
- User interface for search
- User interaction with data (merging, deleting entities) with immediate impact on discovered relations

