Python Mailing Lists Version Control **Bug Reporting** Mailing Lists Systems Systems Proposal Email Messages **Heuristics-Based DSS** Metadata 1. Extract messages **Data Reading** from Main ailing Lists, **Resolving Proposals** Module Store in DBMS Heuristic Based DSS GUI 5. Candidate Reason Sentence extraction MySQL Database using Patterns & Heuristics Calculation Ranking module Ranked Candidate 3. Extract Emails from six Main Forums For 6. Ranks candidates from Sentence and **Data Selection** Sentences and All Proposals Message based scheme Messages 4. Extract Emails exchanged during **Decision-making Stage**

Data Extraction

Heuristics calculation and

Ranking

Decision Support