



Flexible integration framework for data processing and semantic analysis



- Designed to integrate numerous third-party libraries in common development environment
- Provides capabilities to build custom text mining solutions
- Based on open source pipeline designer CCIL and open source application framework - CyberCore



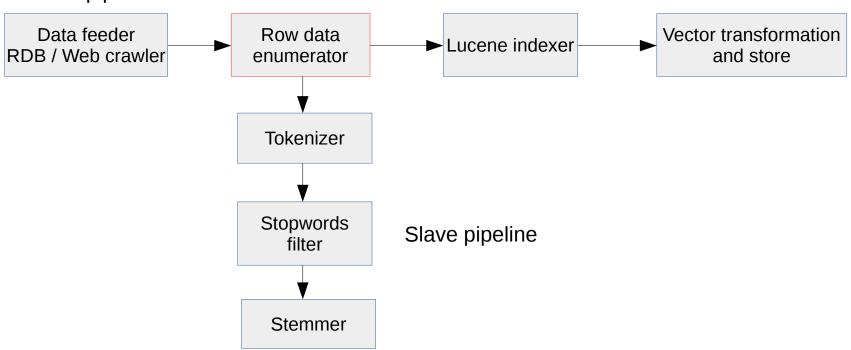
Two modes of program design

- Data processing pipeline mode
 - Data transformation and integration
 - Data store
 - Indexing
- Web services mode
 - access to the underlying processes and information resources
 - communication between disparate third-party web services

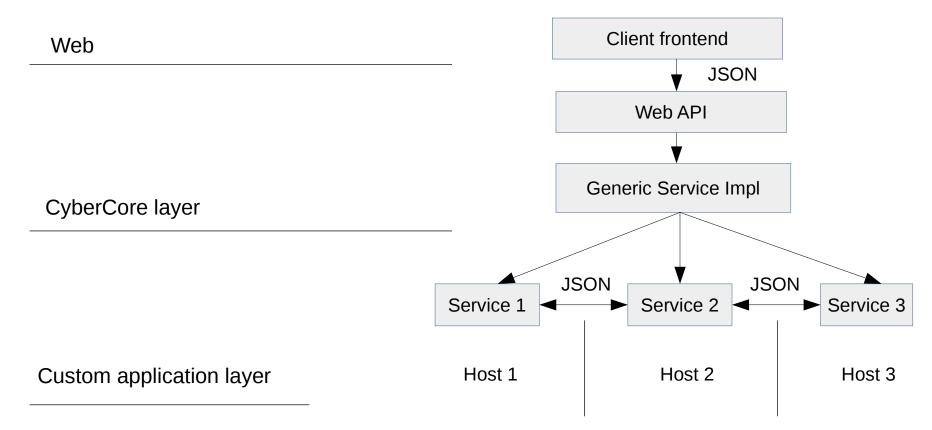


Data processing pipeline

Master pipeline









Usecases

- Document similarity service for news articles
- Multi-label classification of news articles
- Named entity recognition in news articles
- Semantic data federation and LinkedData for culture inheritance domain
- Service level federation of third-party web services for data analysis

