Case Study - iKang

Category: Data Integration
Client: iKang Health Care
Project: Expert Knowledge Base

- **iKang is a large healthcare company in China**
- **We designed the framework and implemented a centralized platform for knowledge sharing**
  - Contents include health info, research info, hospital info
  - Data collection adapters from PDF, word, excel, html, xml, text
  - Specialized dictionaries
  - Every word in the content is searchable
  - Key word based search including and, or, not
  - Workflow engine for knowledge deposit and approval
  - Access role management

Case Study – iKang (cont'd)

- **Key technical highlights**
  - Java, Spring, Hibernate, Oracle
  - Expandable framework to add new categories or content types
  - Smart search algorithms
  - Web portal for unified access
  - 20G initial input content data
  - Built database size of 4G and growing
  - 30K individual words/phases in data dictionary
  - High performance complex search, return result in about 100 ms