Building Knowledge Graphs
Craig Knoblock

Crawling   **Extraction**   **Source Modeling**   **Entity Linking**   **Knowledge Graph Deployment**   **Query & Visualization**
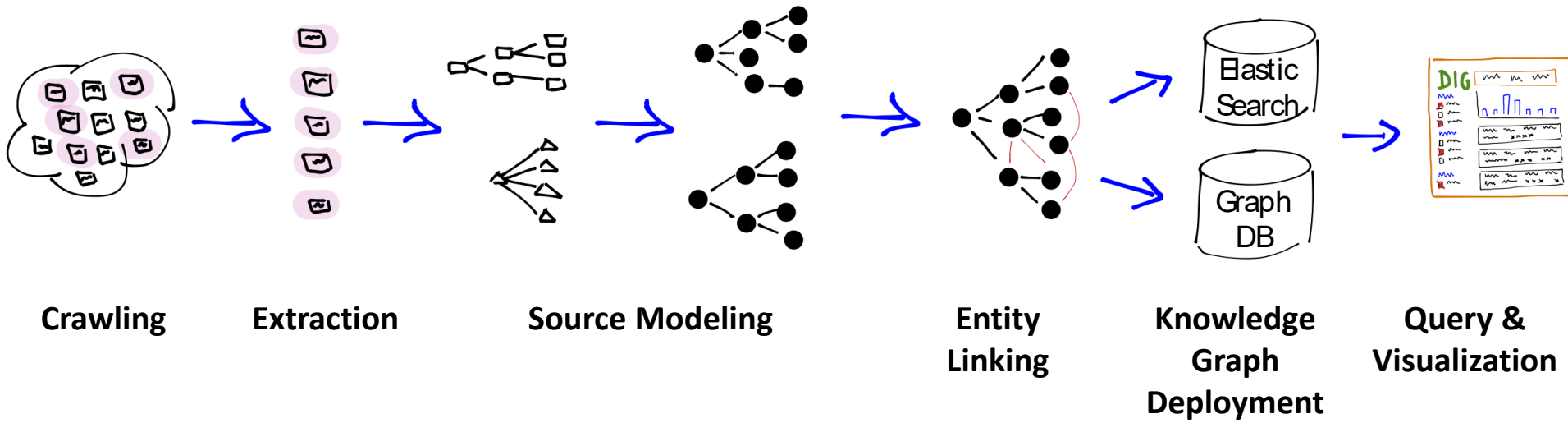
- **Reusable technology for building knowledge graphs**
- **Identifies the semantic of the data to support the integration**
- **More information: dig.isi.edu and karma.isi.edu**

Proposal Idea: Build a Knowledge Graph of Georeferenced Data for Geoscientists

- **Automatically Index**
  - Structured geospatial data sources
  - Text documents
  - Raster maps
  - Satellite imagery
  - Relevant software
- **Identify**
  - Time period
  - Geospatial extent
  - Topics (keywords)
- **Provide**
  - Ability for geoscientsts to rapidly find data and software for their research
  - Distributed access and publication of sources
- **Need**
  - Geoscientists that could use this capability and want to collaborate
  - Contact me: knoblock@isi.edu