Ancestors of Ontologies

↓ **Symbol tables:** collect terms used in a program

↓ **Lexicons:** collect terms used in inform. systems

↓ **Taxonomies:** categorize, abstract, classify terms

↓ **Schemas of databases:** attributes, ranges filed

↓ **Data dictionaries:** integration of files, attributes

↓ **Object libraries:** grouped attributes, methods

↓ **Domain object models:** re-engineering terms

↓ **. . .** ***More Knowledge***