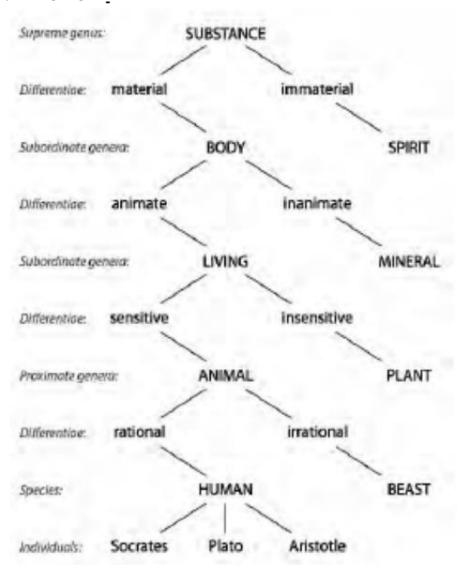
## Semantic Network as [[Knowledge Representation]]

- natural type of KR
- labelled directed [[Graphs KR]]
- $\bullet$  informal
  - represent any relationships between concepts
- $\bullet$  formal
  - represent logic statements
- Examples:
  - classify living organism



- lexical database of english words/concepts

## WordNet Search - 3.1 - WordNet home page - Glossary - Help Word to search for: car Search WordNet Display Options: (Select option to change) Change Key: "S:" = Show Synset (semantic) relations, "W:" = Show Word (lexical) relations Noun . S: (n) car, auto, automobile, machine, motorcar direct hyponym / full hyponym part meronym domain term category direct hypernym / inherited hypernym / sister term S: (n) motor vehicle, automotive vehicle S: (n) self-propelled vehicle S: (n) wheeled vehicle S: (n) vehicle S: (n) conveyance, transport S: (n) instrumentality, instrumentation S: (n) artifact, artefact S: (n) whole, unit S: (n) object, physical object S: (n) physical entity S: (n) entity S: (n) container . S: (n) instrumentality, instrumentation . S: (n) artifact, artefact S: (n) whole, unit S: (n) object, physical object S: (n) physical entity S: (n) entity

