Summary so far…

- Define Knowledge Base with facts and rules
- Prolog has a specific way of answering queries:
  - Search knowledge base from top to bottom
  - Processes clauses from left to right
  - Backtracking to recover from bad choices

The other half of the heart of Prolog

Recursive Definitions

- Prolog predicates can be defined recursively
- A predicate is recursively defined if one or more rules in its definition refers to itself

Example: Recursion

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- How would we define a predicate that tells us if one person is a *descendent* of another?

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