

# How?

- All boxes on a diagram are concurrent
- Use backtracking (PROLOG, Datalog, miniKanren, core.logic, etc.) to parse
- Triples - *Relation(Subject, Object)*
- (x,y) instead of (line, offset)
- cells can overlap
  - as opposed to non-overlapping grid of text

# How? (con't)

- Convert Diagram to minimal set of triples
  - x, y, w, h, rect, ellipse, etc.
  - not enough information for compiling to code
- Infer rest of information
  - bounding boxes
  - containment
  - ports