Defer Rule Checking

- Check only what is possible on a given diagram

- Leave partially-resolved checking breadcrumbs in "object" format

- "Linker" finishes design checking before instantiating and running a program

- YAGNI — no need to traverse file system to check design rules, linker checks consistency only of what it has been given to run

Normal Form

- uniformity leads to easier automation

- bounding box for every rectangle, ellipse and text

- reduce all data/program to triples

  - relation(subject,object)

  - e.g. rectangle(id1,…), text(id7,"abc"),componentName(id1,id7)

- Editor saves diagram in triple form in *factbase*

- inferencing rules (e.g. PROLOG) parse triples and create new layers of facts (triples)