Resolution in first order logics

- Eliminate biconditionals and implications
- Apply De Morgan rules
- Standardize apart variables
- Skolemize all existential instantion
- Drop universal quantifiers
- To CNFs
- Resolution by instantiation

Example

- KB: $\forall x : \left[\forall y : f(y) \Rightarrow g(x,y) \right] \Rightarrow \left[\exists y : h(y,x) \right]$
- Sentence: $\left[\forall x : \neg h(x, C) \right] \Rightarrow \left[\exists y : f(y) \land \neg g(C, y) \right]$