

Forward chaining and backward chaining

- $A \Leftrightarrow (B \vee C) \models_{\gamma} B \Rightarrow A$ as an example
- B
- $D = B \vee C$
- $E = A \Leftrightarrow (B \vee C)$
- A

Errata

- Forward chaining can only be used when KB only consists **horn** clauses
- See pp. 35 in Lecture 8 for the definition of horn clauses
- Forward chaining is complete for **horn** KBs, in linear time
- We don't know what if KBs is not horn.