

Database Theory
Winter Term 2013/14
Prof. Dr. W. May

3. Unit: Well-founded and Stable Semantics

Discussion by June/July 2015 (see web page)

- Exercise 1 (Well-Founded Model)** a) Show that there are non-stratifiable Datalog⁻ programs that have a total well-founded model (i.e., no atoms undefined).
- b) Are there (non-ground) non-stratifiable Datalog⁻ programs that have a total well-founded model for *all* EDB instances?

Exercise 2 (Well-Founded Model) Give an instance of the win-move game that has no total stable model.