

An Evaluation System for Logic Form Identification

Vasile Rus

Assistant Professor

Department of Computer and Information Sciences

Indiana University South Bend

Abstract:

Addressing a machine as addressing another person is one of the primary goals of intelligent system builders. A fundamental issue is designing powerful knowledge representation systems. The work proposed investigates new metrics for evaluating the performance of systems that solve the problem of logic form identification, a knowledge representation formalism. The metrics will be used to evaluate systems in an international logic form identification competition and will form the basics of future work on the study of supervised methods for logic form identification. The proposal also offers cutting-edge research opportunities for students at Indiana University - South Bend.