

Social Network Mining from the Web

Yutaka Matsuo

National Institute of AIST, Japan & Stanford Univ., USA

Junichiro Mori

DFKI, Germany & University of Tokyo, Japan

Abstract:

We introduce several techniques to mine social networks among researchers, corporations, and other kinds of named entities. The goal of the research is to mine large-scale entity-relation networks from the Web to enable advanced knowledge integration, structuring and retrieval. The key feature of the algorithm is its utilization of a search engine public interface with machine-learning and text processing techniques. The talk summarizes our studies presented in several past conferences including WWW, IJCAI, and ISWC.