Social Network Digestion

Researchers

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Goals

Enrich publicly available social network data by predicting hidden information. Find the particular information of interest by employing intelligent crawling. Actively collect hidden information via specially crafted sequences of friend requests.

Description

It is possible to gain valuable non-trivial insights into an organization's structure by clustering its social network and gathering publicly available information on the employees within each cluster.

Publications

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Michael Fire, Lena Tenenboim-Chekina, Rami Puzis, Ofrit Lesser, Lior Rokach, Yuval Elovici, "Computationally Efficient Link Prediction in Variety of Social Networks", to appear in *ACM Transactions on Intelligent Systems and Technology*, 5(1), 2014

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Zahy Bnaya, Rami Puzis, Roni Stern, Ariel Felner, "Bandit Algorithms for Social Network Queries," *ASE/IEEE SocialCom*, 2013

Roni Stern, Liron Smama, Rami Puzis, Tal Beja, Zahy Bnaya, and Ariel Felner, "TONIC: Target Oriented Network Intelligence Collection for the Social Web", In AAAI-13, Bellevue, Washington, USA, and in BISFAI 2013

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