

# Finding Related Entities

Krisztian Balog  
Norwegian University of Science and Technology  
Department of Computer and Information Science  
balog@acm.org

## ABSTRACT

Over the past decade, increasing attention has been devoted to Information Retrieval tasks that go beyond document retrieval. Indeed, a large fraction of search queries are better answered by returning specific objects (or their properties) instead of just any type of documents that merely mention them.

In 2009, the Entity track was launched at the Text REtrieval Conference (TREC) with the aim to evaluate entity-oriented search tasks on the Web. The main task investigated is related entity finding (REF): given a source entity, a relation and a target type, identify entities that stand in the required relation with the source entity, while satisfying the target type constraint.

In this talk I will present an overview of the TREC Entity benchmarking effort, highlight prominent approaches to the REF task, and also discuss challenges and future research directions in entity-oriented search.

## Categories and Subject Descriptors

H.3 [Information Storage and Retrieval]: H.3.3 Information Search and Retrieval

## General Terms

Algorithms, Experimentation, Measurement, Performance

## Keywords

Entity retrieval