

# Probabilistic Knowledge Base assisted Question Answering

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## ABSTRACT

Abstract

Describe incremental KB from Chris Re  
Describe Google Knowledge Vault

## 1. INTRODUCTION

Describe Motivation of the the KHop system.  
Give example scenario.  
Describe the Khop system.

## 4. DEMONSTRATION

Describe the demo setup.  
Describe how users will be able to alter parameters.

## 2. SYSTEM OVERVIEW

### 2.1 Interface

#### 2.1.0.1 *Natural Language Interface.*

Describe the purpose tranlation of natual language questions queries. Add the auto complete for previous questions.

#### 2.1.0.2 *Fact Search.*

Describe how facts are searched using the database. Describe how results are ranked. Describe how new results are discovered.

#### 2.1.0.3 *Graph Exploring.*

Describe D3 visualization of graph and rule display Describe user interaction with graph Describe user selecting facts Describe users removing facts

### 2.2 Logic

Describe the translation of NL-queries using templates (quepy) and also sempre. Describe how rankings are computed from queries.

### 2.3 Knowledge Base

Desscribe the PostgreSQL database and the other serices running on servers. Describe the tables Describe the functions that are called Describe the parallelism

## 3. RELATED WORK

## 5. ACKNOWLEDGMENTS

## 6. REFERENCES