background and motivation：

Background:

DBLP

DBLP is a well-known service that provides open bibliographic information on major computer science journals and proceedings.DBLP indexes more than 3 million publications’ metadata.

Neo4j

Neo4j is an [open-source](https://en.wikipedia.org/wiki/Open-source) [graph database](https://en.wikipedia.org/wiki/Graph_database) implemented in [Java](https://en.wikipedia.org/wiki/Java_(programming_language)) and accessible from software written in other languages using the Cypher query language through a transactional HTTP endpoint.The developers describe Neo4j as an ACID-compliant transactional database with native graph storage and processing.Neo4j is the most popular [graph database](https://en.wikipedia.org/wiki/Graph_database).

Motivation:

Create the data analytics service for DBLP:

Build a network between authors and publications

Develop a user-friendly interface

Help users get what they want effectively, efficiently and accurately:

Improve functionality of queries

Visualize the answer