Search Engine Demo
A Tool For WebTrec Competition
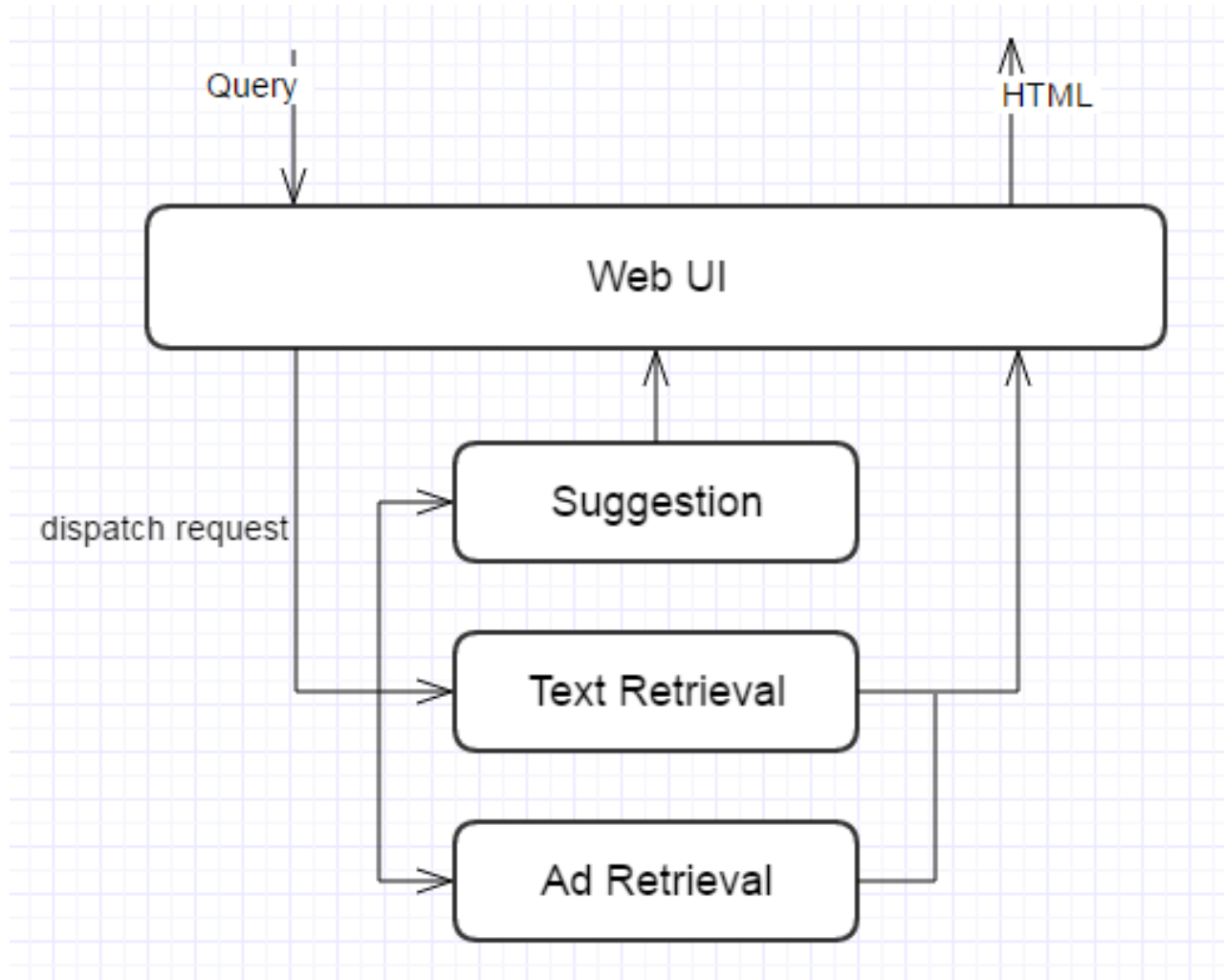
Reporter：Ming Yue/Jie Lin

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Programming Stack

- **Programming Language**

    - **Python**

- **Search**

    - **Solr**

- **Web**

    - **Front-end: Bootstrap**

    - **Back-end: Bottle**

- **Data**

    - **Trec09 Category_B , Trec12 Category_B13**

    - **Total 100 million pages**

- **Implements on our own**

    - **Query Suggestions**

    - **Advertising Demo**

System Design - Whole System

System Design - Suggestions
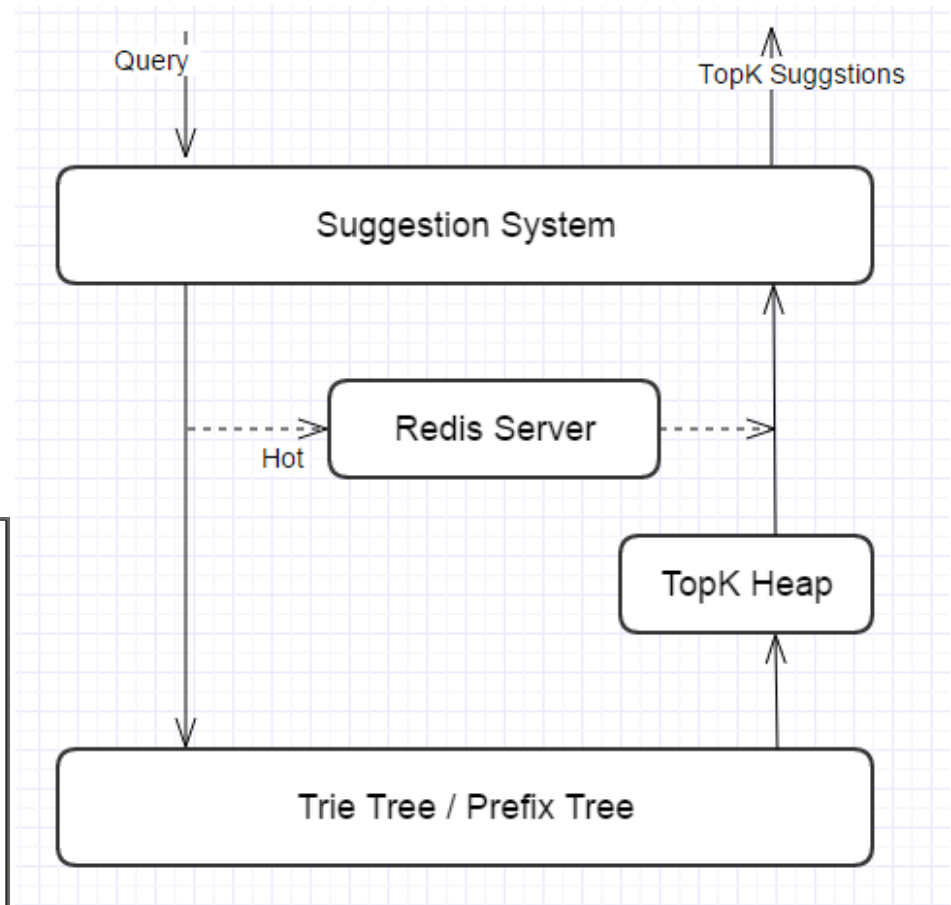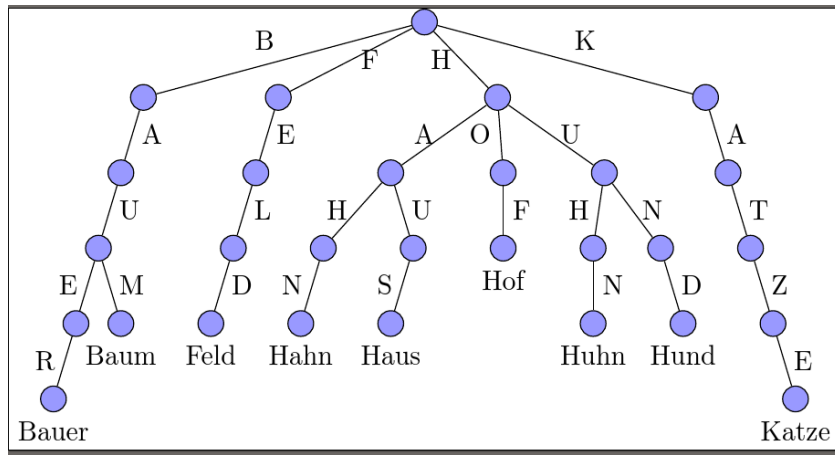
- **Data Structure**
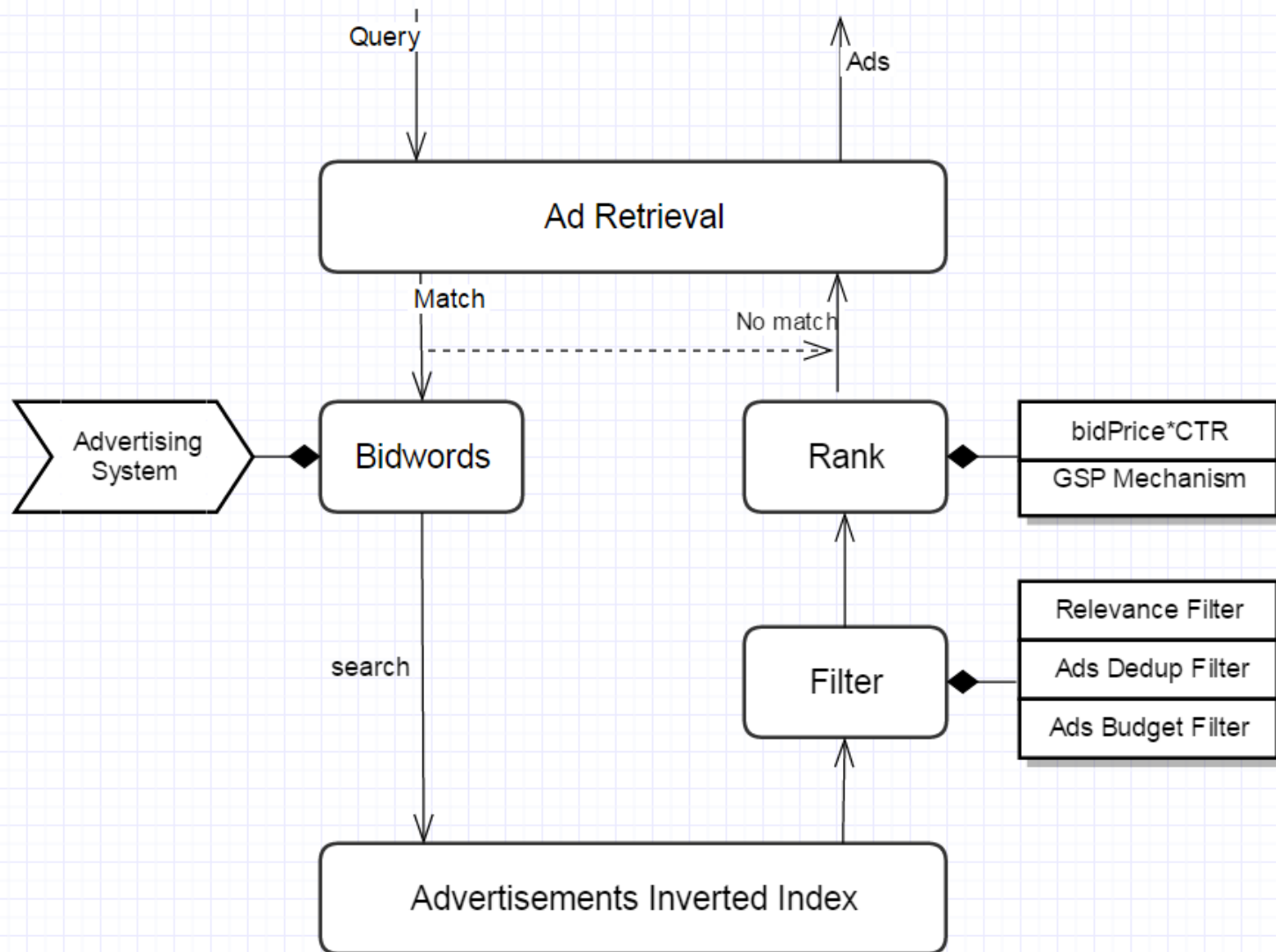
  - **Trie Tree / Prefix Tree**

- **Auto complete**

  - **Twitter: typeahead.js**

- **Offline Num**

  - **20,000 suggestions, 2G memory**

System Design – Ad System

Demo

Demo Online

search.rominyue.com

Feel free to Pull & Request on https://github.com/RominYue/Trec

Thanks !

Q&A