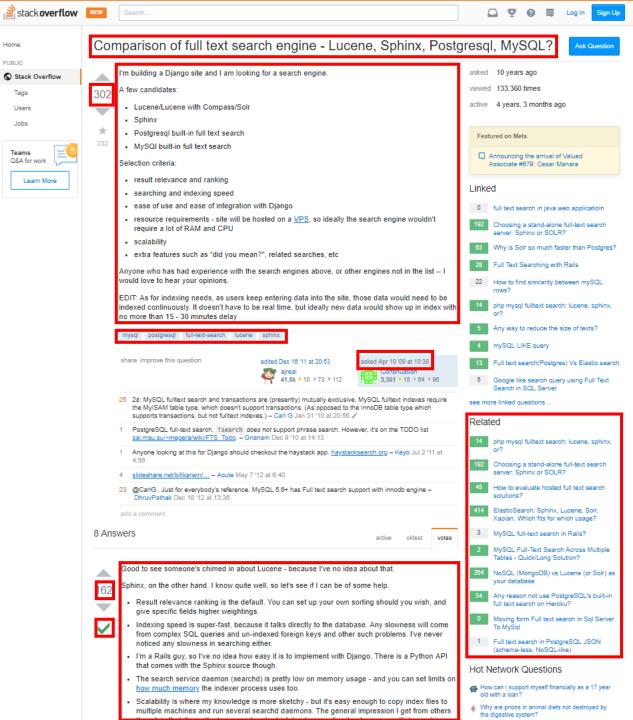
## Agenda

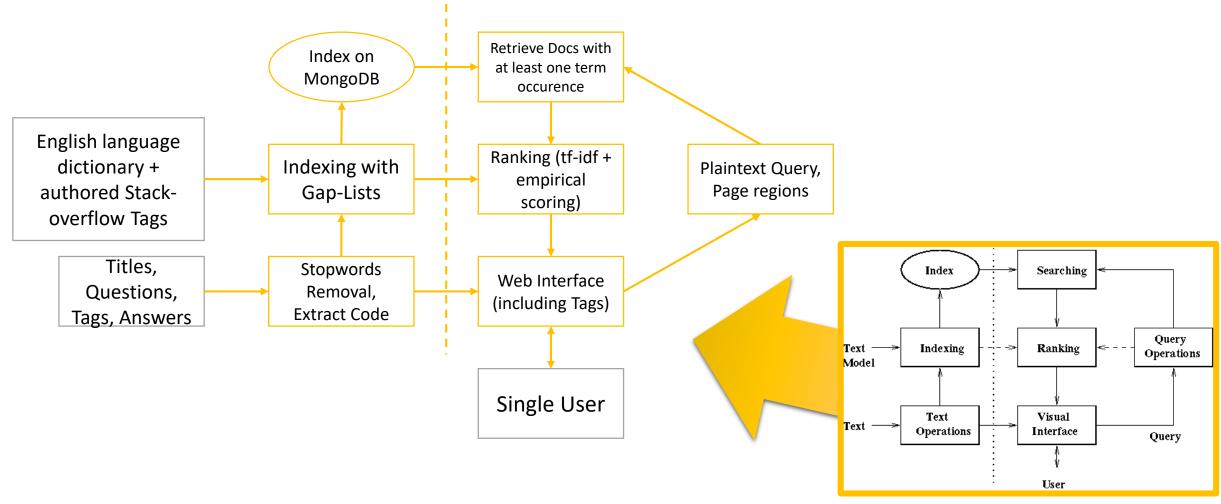
- 1. User Interface [Kevin]
- 2. Information Retrieval Process [Pritom]
- 3. Indexing & Searching [Petros]
- 4. Ranking Methods [Kevin]
- 5. Performance & Example Queries [Oliver]
- 6. Challenges [all]
- 7. Future Improvements [Oliver]

## **Information Retrieval Process**

- 1. Title [String]
- 2. Date [Date]
- 3. Views [Integer]
- 4. Tags [String[]]
- 5. Related Question [String[]]
- 6. Question
  - 1. Question [String]
  - 2. Code [String]
  - 3. Votes [Integer]
- 7. Answer
  - 1. Answer [String]
  - 2. Accepted Answer [Boolean]



## Information Retrieval Process



Modern Information Retrieval © Addison-Wesley-Longman Publishing co.

1999 Ricardo Baeza-Yates, Berthier Ribeiro-Neto

## Performance & Example Queries

- Think of developer's information need and corresponding queries
- 2. Use Google Search for only Stackoverflow results (one day for calibration)
- 3. Filter for date range 06/05/2017 to 06/05/2019
- 4. Cross-validate results with Stackoverflow built-in ElasticSearch results
- 5. Return ranked top 5 questions

User query text	nginx reverse-proxy
Regional Search	-
Result 1	https://stackoverflow.com/questions/54151
	nginx-reverse-proxy
Result 2	https://stackoverflow.com/questions/54038
Result 3	https://stackoverflow.com/questions/54123
	for-nextcloud-not-work
Comments	

User query text Regional Search Result 1

java ide

https://stackoverflow.com/questions/51803 docker-nginx-php7-fpm-and-xdebug