Architecture of a Search Engine (Karaoke Version)
Architecture of a Search Engine (Karaoke Version)

Indexing

Storage

Retrieval
Architecture of a Search Engine (Karaoke Version)

- **Acquisition**
  - crawling
  - plain text conversion
  - encoding unification

- **Indexing**

- **Storage**
  - Document store

- **Retrieval**
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Text analysis
- index terms
- meta data
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- term weighting
- doc. embedding
- collection statistics

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Query
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Acquisition

Document store

Index

Snippet generation

Query

In general, a query is a form of questioning, in a line of inquiry.

Retrieval

en.wikipedia.org › wiki › Query
Query - Wikipedia
In general, a query is a form of questioning, in a line of inquiry.

dictionary.com › browse › query
Query | Dictionary.com
to ask or inquire about: No one queried his presence.
In general, a query is a form of questioning, in a line of inquiry.

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Storage
- Document store
- Pre-training
- Fine-tuning
- Language model
- Index
- Query
- Snippet generation
- Relevance inference
- Query processing
- Re-ranking
- Retrieval model

Query analysis
- q
- Query synthesis
- Snippet generation
- Relevance inference
- Query processing

Retrieval
- query
- query meaning
- query definition
- query string

Evaluation

In general, a query is a form of questioning, in a line of inquiry.

No one queried his presence.
A query is a statement or question that is put to someone or something in order to elicit information or receive an answer [1]. It can also be used to retrieve information from a database [2].

[1] Merriam Webster