





한글날 도서관 휴관

검색

포탈 검색시스템은 포탈, 전화번호, 홈페이지, 공문서식, 원규집, IT서비스안내, 기타 웹 사이트 등을 대상으로 서비스 합니다. 상세보기

전체 검색(3)



포탈(3)



홈페이지(0)



공문서식(0)



원규집(0)



IT서비스안내(0)



연동 시스템펼치기(0)



기타 웹 사이트(0)



포탈(3건)

[학생공지사항] 도서관 휴관 안내(한글날) [새창으로]

홍창수 / 2014-10-06

다음과 같이 도서관을 휴관하오니 이용에 참고하시기 바랍니다.

다 음 - - 휴관일 : 2014.10. 9(목) - 사 유 : 한글날 -...

[업무공지사항] 도서관 휴관안내(한글날) [새창으로]

양기홍 / 2013-10-07

한글날을 맞이하여 아래와 같이 도서관을 휴관하오니 이용에 참고하시기 바랍니다.

- 아 래 -

◇ 일

시: 한글날 10.9(수)

◇ 대상: 중앙도서관, 문지캠퍼스 도서관...

[학생공지사항] 도서관 휴관 안내 [새창으로]

홍창수 / 2015-10-05




= 다 음 = ◎ 휴관일 : 2015. 10. 9.(금) ◎ 사 유 : 한글날 ◎ 대 상 : 중앙도서관, 교양

분관, 문지캠퍼스 도서관 ※ 교양분관 열람실은 24시간 개방합니다...

인기검색어

- 1 근로학생 -
- 2 강의평가 -
- 3 수강신청 -
- 4 계절학기 -
- 5 성적계시기.. -
- 6 기숙사 -
- 7 장학금 -
- 8 학적팀 -
- 9 학자금 -
- 10 채용설명회 -

내가찾은검색어

- 한글날 도... 
- 한글날 도... 
- 한글날 도... 

결과 내 재검색

검색대상

☒ 전체
 ☐ 제목
 ☐ 본문

도서관 휴관 안내

Library Closure Information

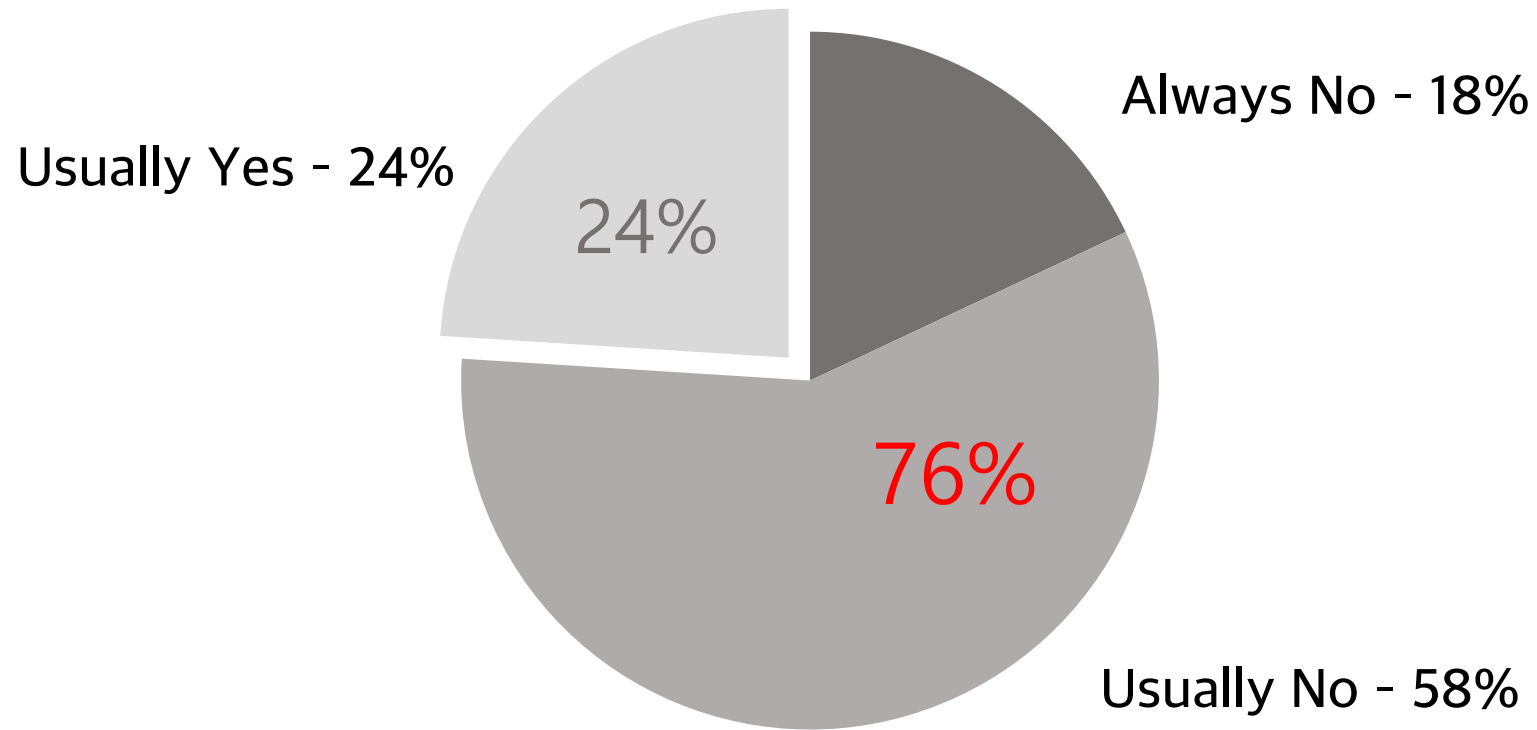
휴관일 : 2018. 10. 9.(화)

사 유 : 한글날

대 상 : 학술문화관(도서관), 교양분관, 문지도서관

※ 교양분관 열람실은 24시간 개방합니다.

Have you found looking information easily with KAIST Portal Search?



From 136 KAIST people

xIS: extended Information Search



TEAM CREAMBEARS

Hyunwoo Kang, Jaemin Hong, Jiseok Kim



Problem

“ It is hard to find looking articles in
KAIST Portal using its search engine. ”



Definition

What Is a Portal Article?

R&D Notices

Recruting

Newsletter

Leadership/Intern/Counseling

IT Service

GSC/USC Notice

Today Notice

Portal Article

International Community

Lecture/Academic/Paper

Dormitory

Scholarship/Welfare

Seminar/Events

Student Notice

Sports & Health/Clinic

Academic courses

Manuals/Forms



Background

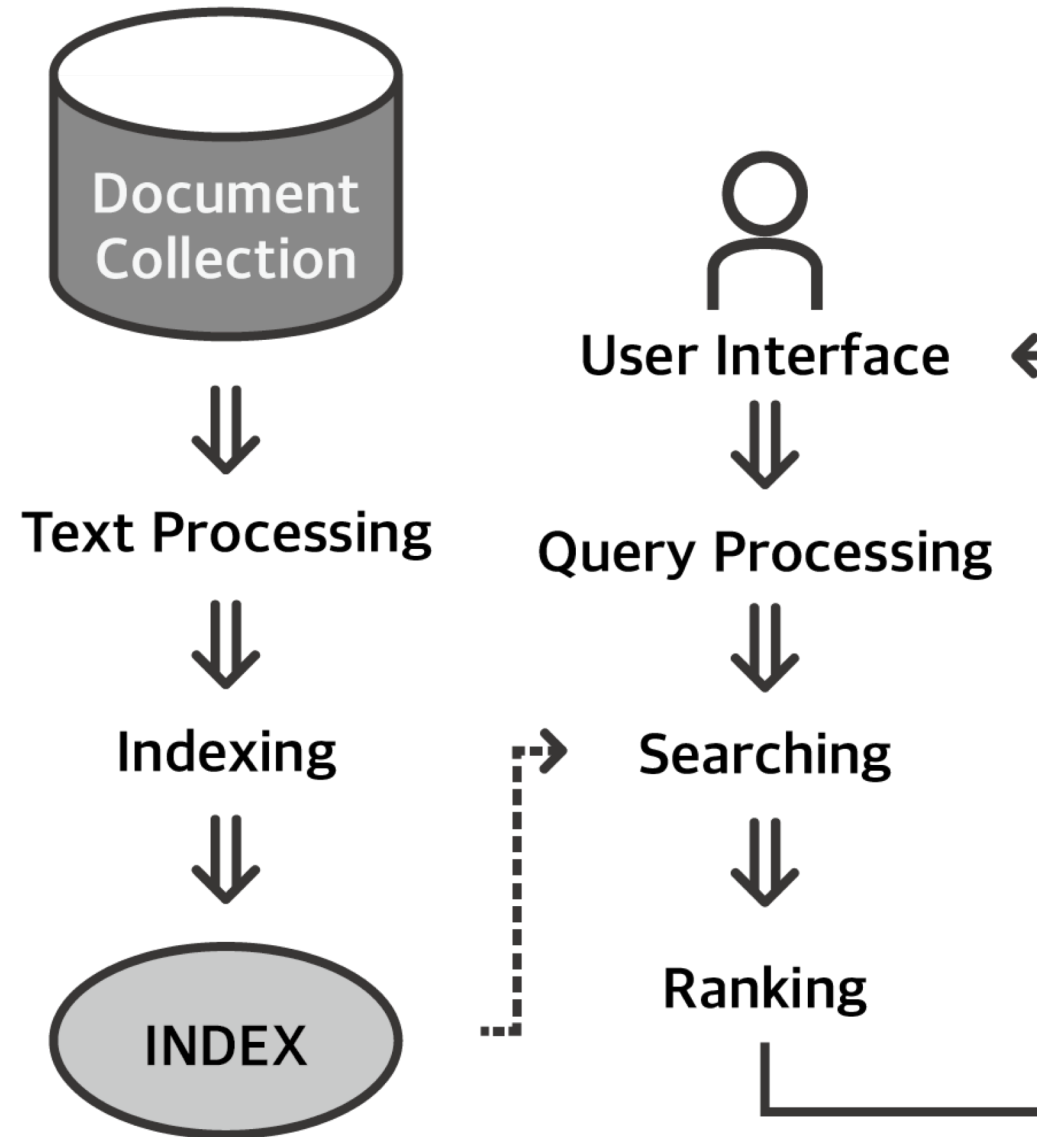
Mechanism
of General Search Engines

&

Characteristics
of Portal Articles

Mechanism

Search Engine





Background

Mechanism
of General Search Engines

&

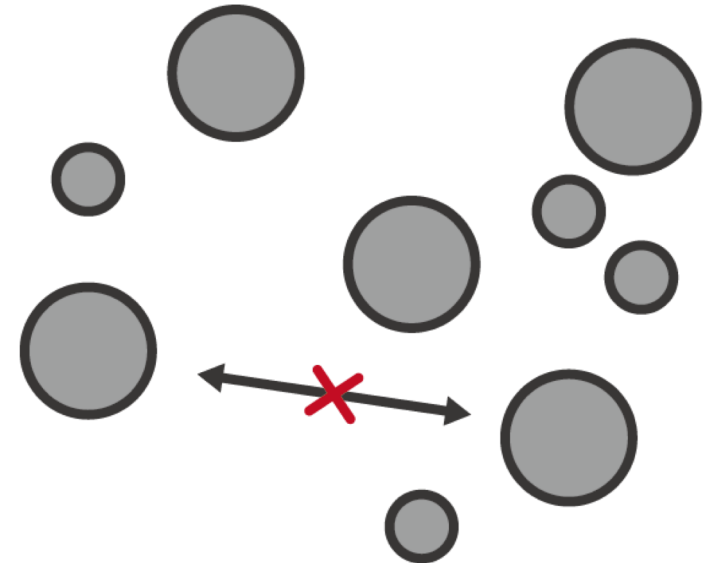
Characteristics
of Portal Articles

Characteristics

Portal Articles

1. Very rare hyperlinks

Only **1**/100 article has a link to another article.



Characteristics

Portal Articles

2. Posters and screenshots



44/100 articles have images.

19/100 articles are uploaded with only images.



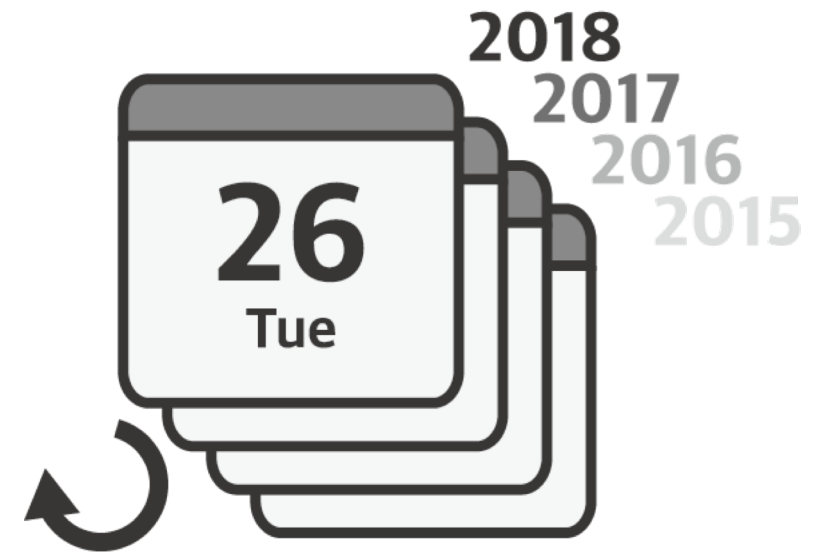
Characteristics

Portal Articles

3. Repeated events



39/100 articles are
about repeated events.



Characteristics

Portal Articles

4. Unfamiliar official words

KAIST-POSTECH 학생대제전 VS 카포전

KAIST Clinic VS 파팔라도

학위 수여식 VS 졸업식

생활관 VS 기숙사

...

제목	2018 <u>KAIST-POSTECH 학생대제전</u> 우승기 전달식 개최 안내		
작성자(소속)	조재영(학생지원팀)	작성일(조회 수)	2018.09.28 20:35:53(1156)
첨부파일			

2018 KAIST-POSTECH 학생대제전 종합우승을 기념하고 고생한 학생들에 대한 격려와 KAIST 학생들에게 자긍심 고취를 위하여 다음과 같이 우승기 전달식을 개최 하오니 학생들의 많은 참석을 부탁드립니다.

- 다 음 -

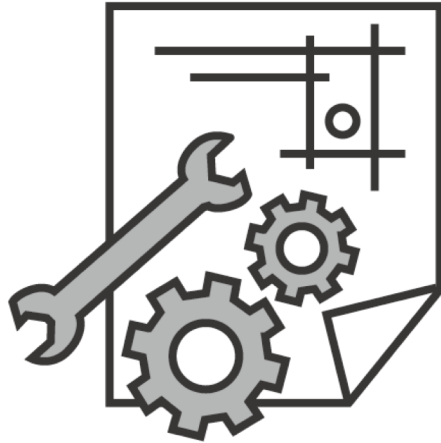
□ 행사개요

○ 행사명 : 2018 제17회 KAIST-POSTECH 학생대제전 우승기 전달식

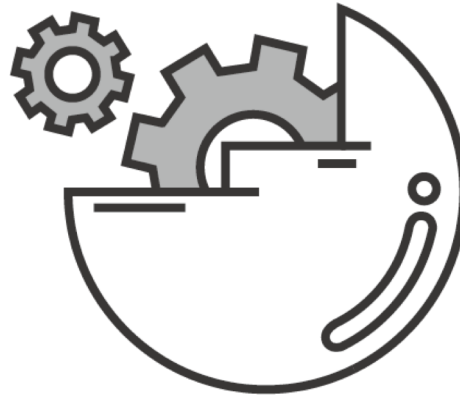
○ 일 시 : 2018. 10. 1(월), 12:05

○ 장 소 : 창의학습관 1층, 로비

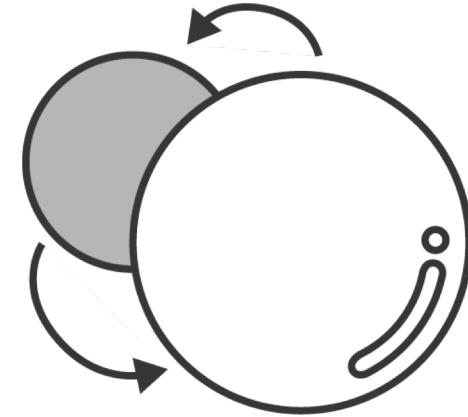
Possible Solutions



**Make an entirely
new system**

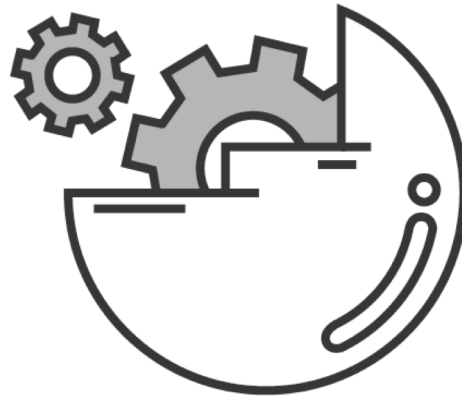


**Customize an
existing search engine**

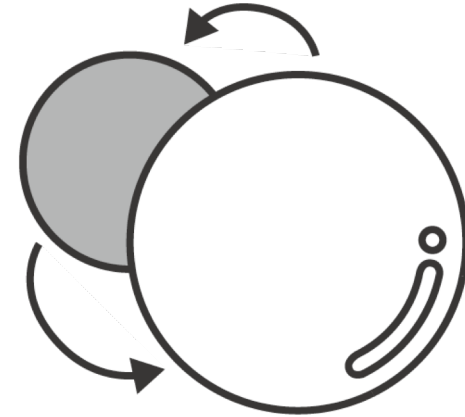


**Replace with an existing
search engine**

Possible Solutions

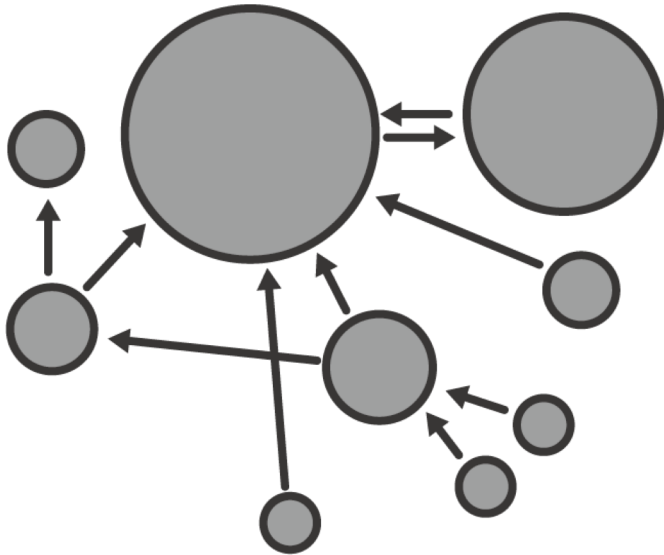


Customize an
existing search engine

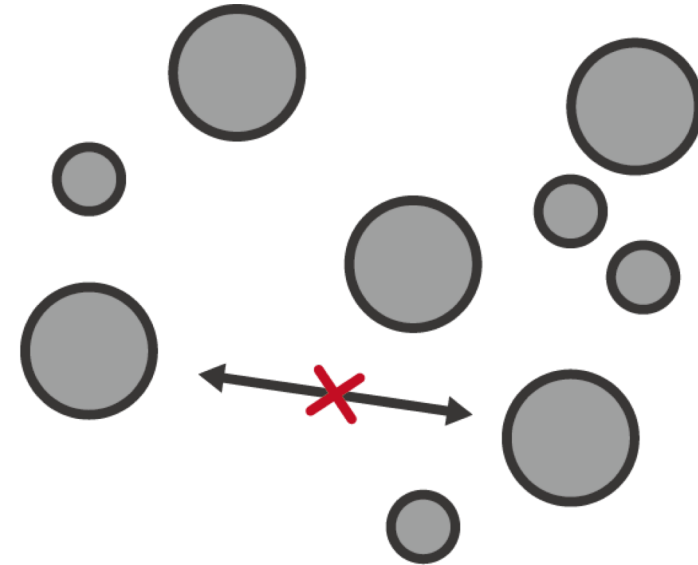


Replace with an existing
search engine

Why Not Google?



PageRank Algorithm



Portal Articles

How about Others?

도서관 휴관 안내
Library Closure Information

휴관일 : 2018. 10. 9.(화)
사 유 : 한글날
대 상 : 학술문화관(도서관), 교양분관, 문지도서관
※ 교양분관 열람실은 24시간 개방합니다.

홍민정
정음

Date : Tuesday, Oct. 9, 2018
Reason : Hangul Proclamation Day
Location : Academic Cultural Complex(Library),
Undergraduate Branch Library, Munji Library
※ Reading rooms in Undergraduate Branch Library are open 24 hours.

학술문화원장
Associate Vice President,
Information Service for Knowledge and Culture

도서관 휴관 안내
Library Closure Information

휴관일 : 2017.10.2.(월) ~ 2017.10.6.(금),
2017.10.9.(월)
사 유 : 추석 연휴 및 한글날
대 상 : 교양분관, 문지캠퍼스 도서관
※ 교양분관 열람실은 24시간 개방합니다.

Date : Monday, Oct. 2, 2017 ~ Friday, Oct. 6, 2017,
Monday, Oct. 9, 2017
Reason : Chuseok (Korean Thanksgiving Day),
Hangul Proclamation Day
Location : Undergraduate Branch Library,
Munji Campus Library
※ Reading rooms in Undergraduate Branch
Library open 24 hours.

학술문화원장
Associate Vice President,
Information Service for Knowledge and Culture

도서관 휴관 안내
다음과 같이 도서관을 휴관하오니 이용에 참고하시기 바랍니다.

= 다 음 =

◎ 휴관일 : 2016. 10. 9.(일)
◎ 사 유 : 한글날
◎ 대 상 : 중앙도서관, 교양분관, 문지캠퍼스 도서관
※ 교양분관 열람실은 24시간 개방합니다.

학술문화원장

Library Closure Information

The libraries will be closed on the following day.

= Details =

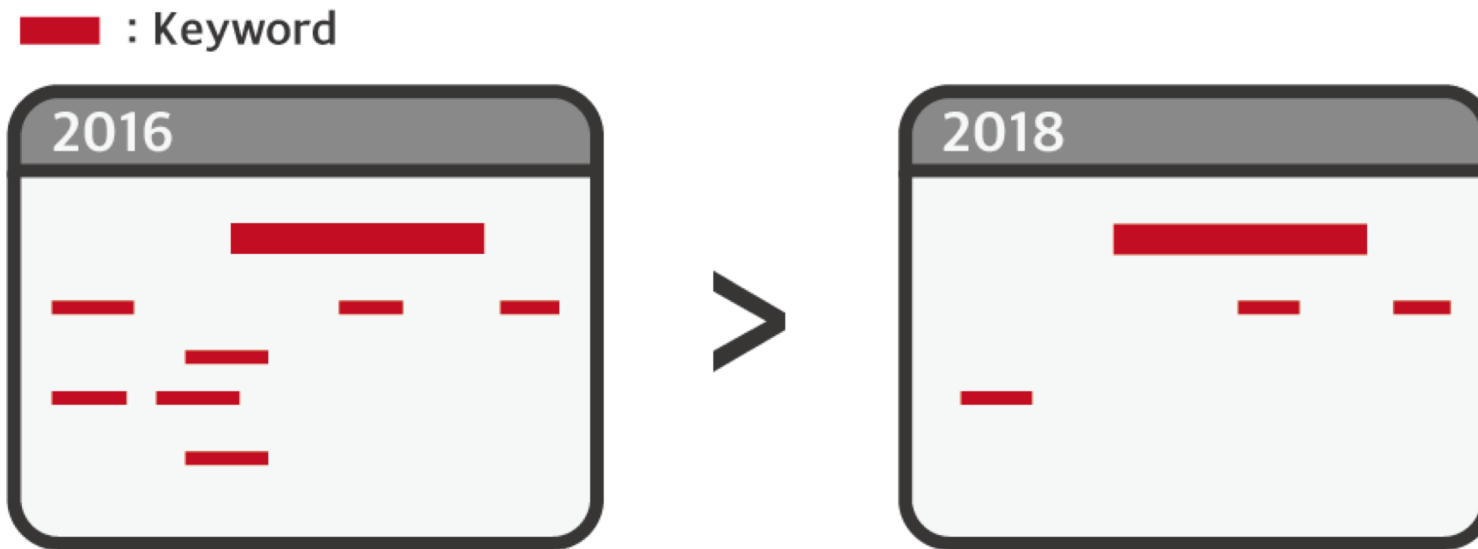
◎ Date : Sunday, Oct. 9, 2016
◎ Reason : Hangul Proclamation Day
◎ Location : Main Library, Undergraduate Branch Library,
Munji Campus Library
※ Reading rooms in Undergraduate Branch Library open 24 hours.

Associate Vice President,
Information Service for Knowledge and Culture

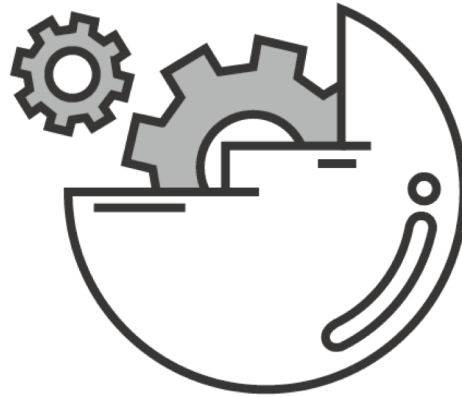
Posters with important information

How about Others?

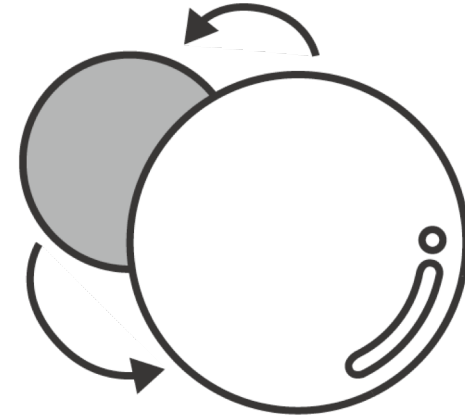
TF-IDF: Term Frequency-Inverse Document Frequency



Possible Solutions

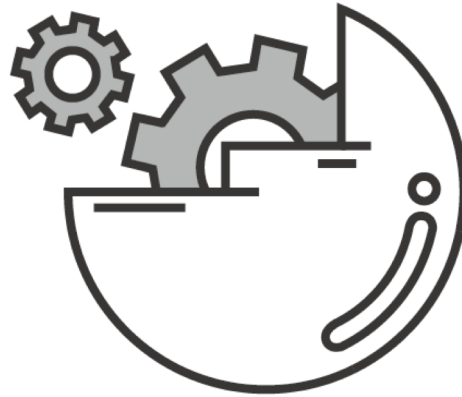


Customize an
existing search engine



Replace with
existing search engine

The Possible Solution

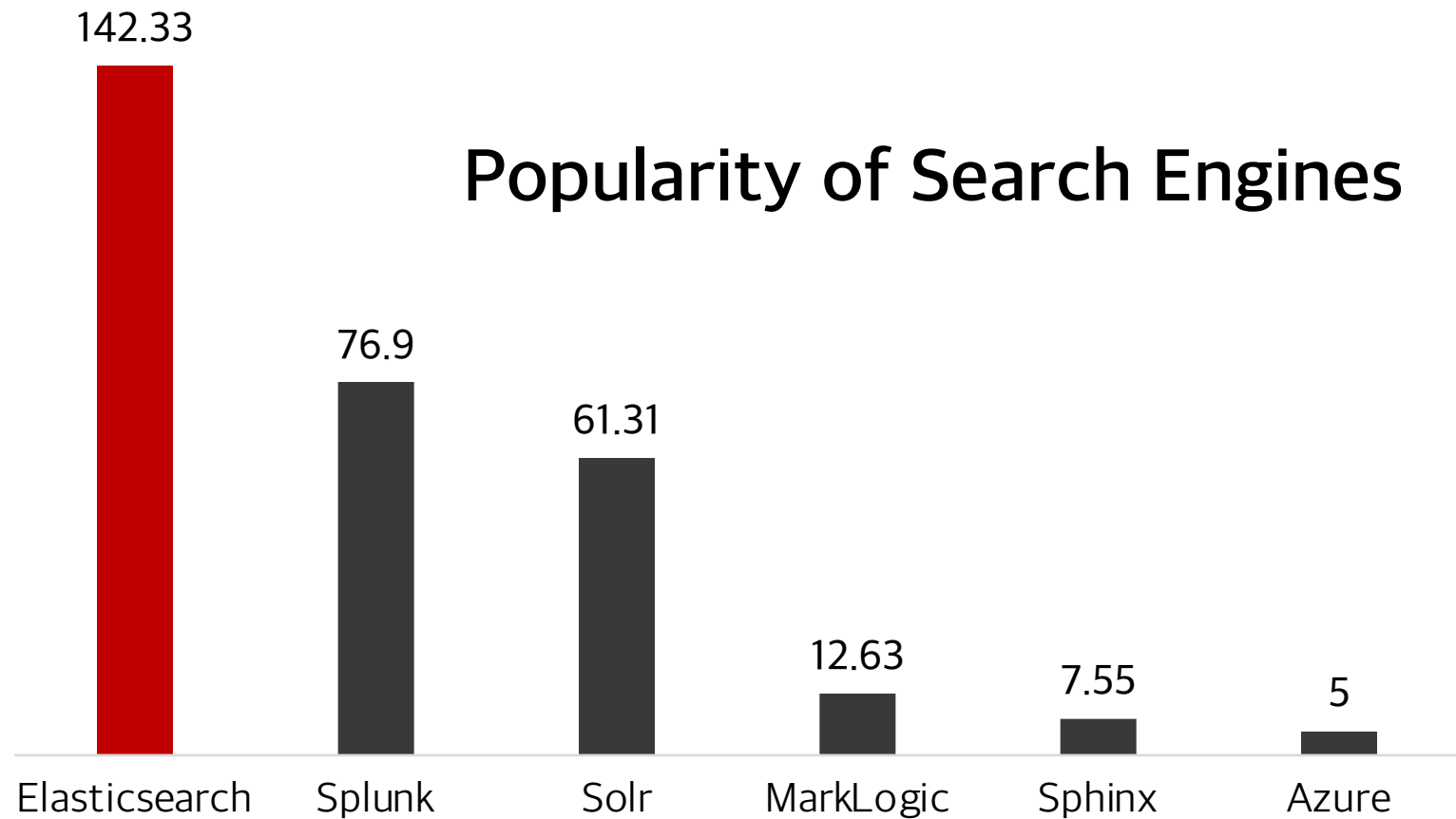


Customize an
existing search engine



elasticsearch

Why Elasticsearch?



Why Elasticsearch?



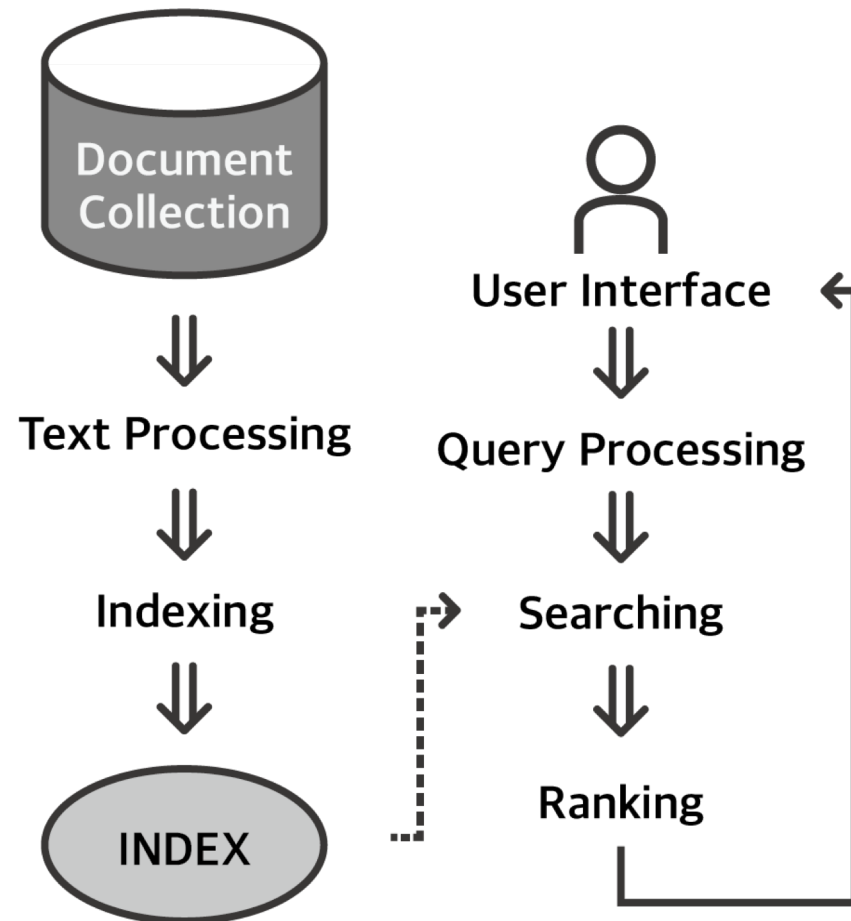
Elasticsearch is customizable

Document format

Ranking function

...

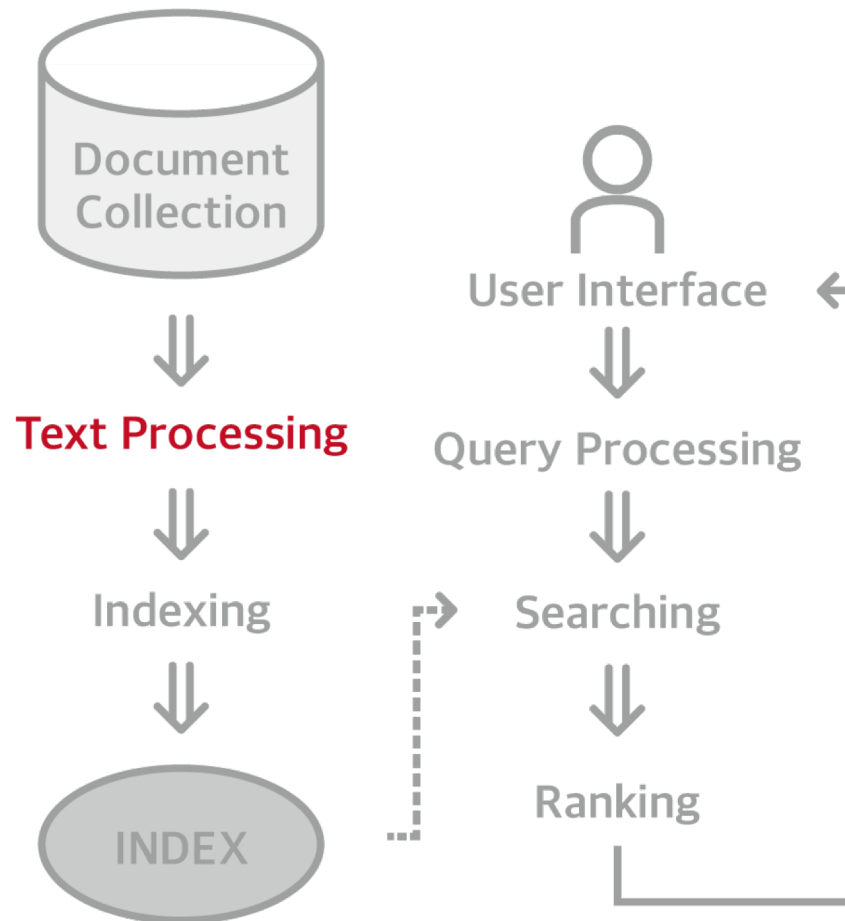
Implementation



Customize some steps to deal with characteristics of Portal articles properly

Implementation

Text Processing



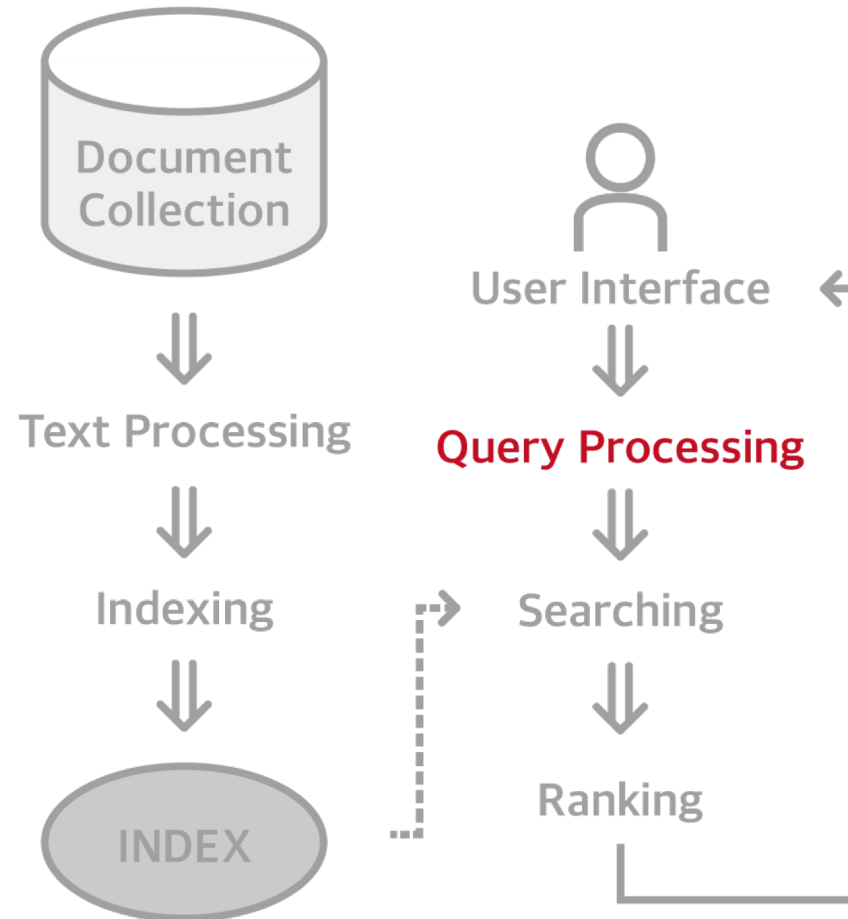
Tokenizing & stemming

Extracting texts from posters

Collecting metadata

Implementation

Query Processing

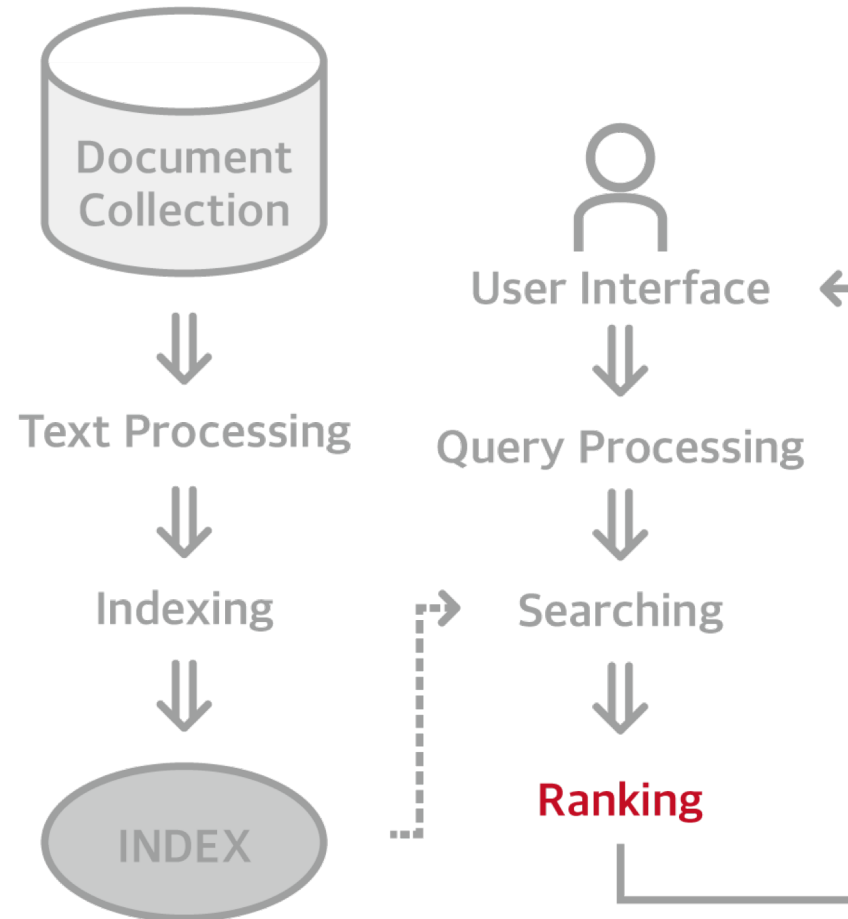


Handling synonyms

- Analyzing user's search behaviors

Implementation

Ranking



TF-IDF

Considering metadata

- Creation date
- Hits

Evaluation



vs

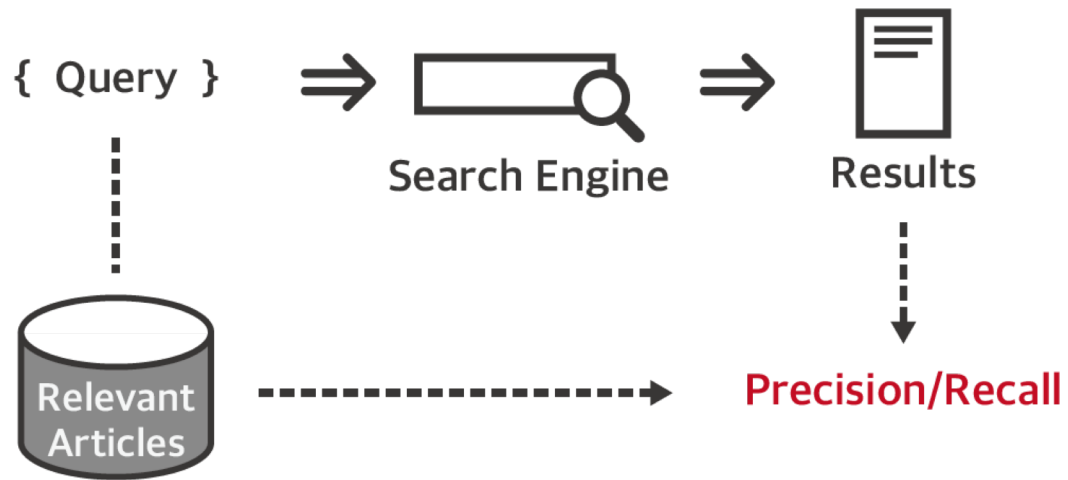


elasticsearch

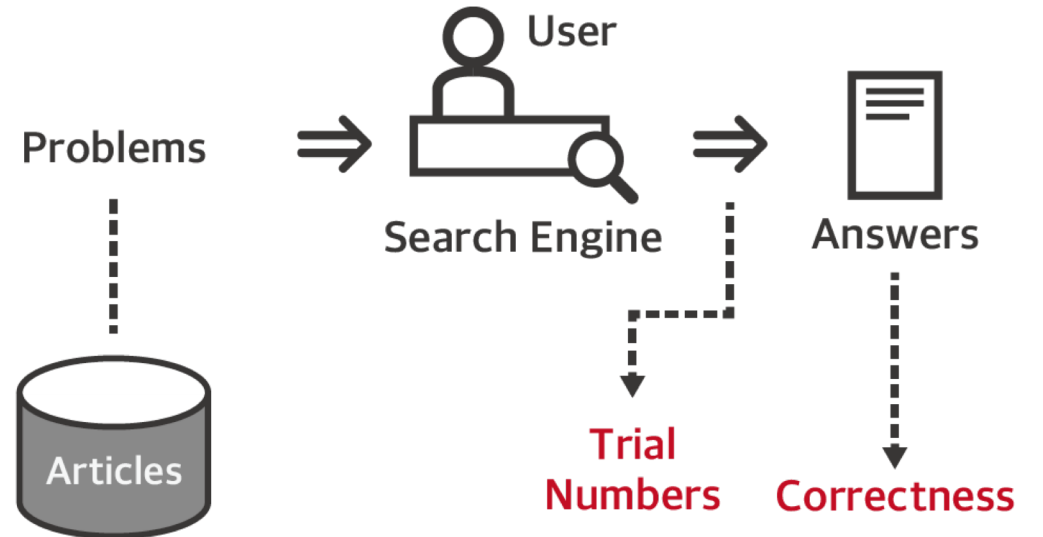
vs

xIS

Evaluation



Offline
Experiment



Online
Experiment

“99 Complaints”

136 KAIST people responded to our survey,
and 99 among them answered
“write down experience that you couldn’t find information easily using Portal Search”