

How Korea University Library Gets More by Keeping  
Less Inside and Sharing Its Resources with Others  
: Focused on SICS (Scholarly Information Curation Service)



Young Ki Kim  
Korea University Library



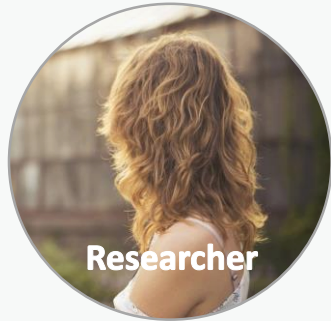
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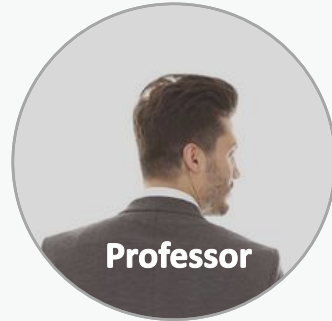
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# Background: Researchers' Needs & Librarians' Needs

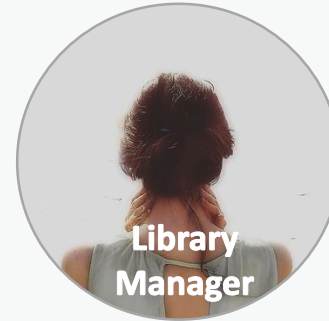
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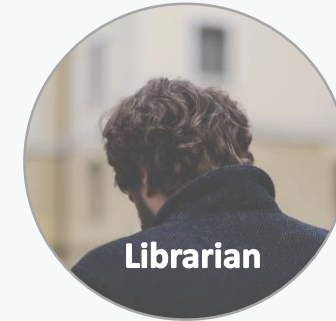
"I rarely go to libraries. Online resources are more important."



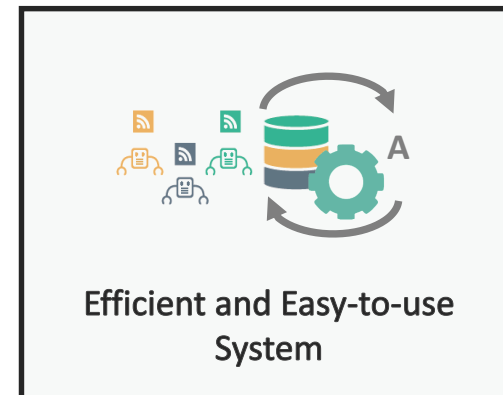
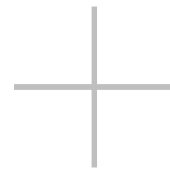
"It is time-consuming for me to search the electronic resources"



"We're interested. But we just can't afford employing new system."

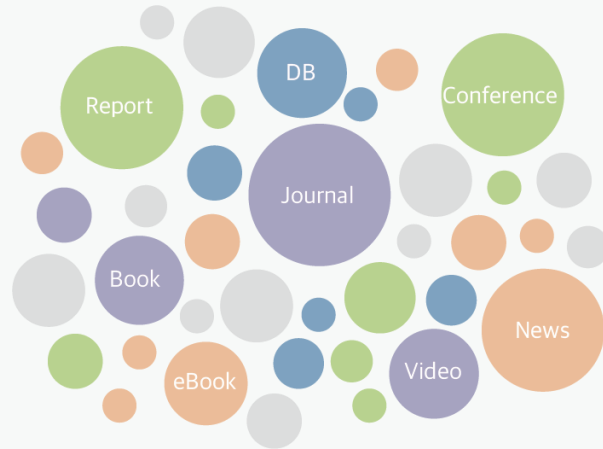


"I'm already too busy. Do I need to update information online everyday?"

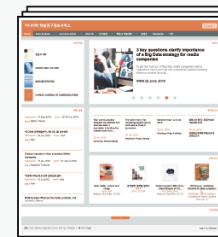


# Introduction to SICS: Scholarly Information Curation Service

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## Subject Research Guides



- **Provide online research guides for each major/department**
  - Offer subject-specific updates on recent scholarly & research information
  - Enable convenient access to subject-specific databases and other information sources
- **Automate processes and provide easy-to-use interfaces**
  - Automate collecting/formatting/representing information
  - Let librarians focus on information and service quality

# SICS: The Differences

## Existing Subject Guides

Lack of platform functions



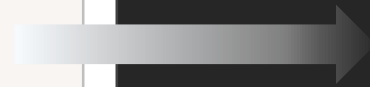
### Text-only Contents

- Lack of content diversity
- Lack of platform functions
- Limited access to non-library resources



### Timeliness & Continuity Issues

- Labor-intensive monitoring – Low work efficiency
- Difficulty in maintaining sustainable management



## SICS: Advanced & Automated System

### SICS Platform

Information Source Management



Information Collection Setup



Information Collection



Data Management (Database)



Editing and Curation



Information Transport (API)



UI and Theme Setting



Web Publishing

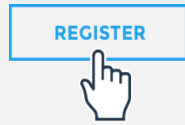


# SICS: Overall Process

Librarian



Information Source  
Research



Information Source  
Registration



Information  
Selection/Editing/Approval



Error Check and Correction

System



Information Source  
Management Tool



Information  
Collection Setup



Information Collection  
Scheduling



Automated Information  
Collection



Information Processing and  
Management



Information Editing  
Tools



Data Presentation on Online  
Subject Guides




System Monitoring and  
Error Detection

# SICS: Service Details


- Home
  - General information on academic journals, related headlines, upcoming conferences, etc. in a neat bento-style layout

**Media & Communication: Research Guide 미디어학 학술연구정보서비스**




Home Book & E-book Journal & Article WebDB News & Report Call for Papers OCW Newsletter Contact


신작저널




**EUROPEAN JOURNAL OF COMMUNICATION**  
Last update: 16 Aug 2019




**JOURNAL OF HEALTH COMMUNICATION**  
Last update: 16 Aug 2019



**JOURNALISM & MASS COMMUNICATION QUARTERLY**  
Last update: 16 Aug 2019




**HEALTH COMMUNICATION**  
Last update: 16 Aug 2019



**JOURNAL OF ADVERTISING**

News



**Alvin Baltrop: remembering New York's forgotten queer photographer**

The Bronx-born photographer captured gay culture on the outskirts in 70s Manhattan and his work is finally receiving the attention it deserves. Bronx-born photographer Alvin Baltrop spent days on end documenting gay life at the piers lining Manhattan's west side. At times, he did so while living in ..

19 Aug 2019

The Guardian

학회일정

**MLICOM (EI, ISI, Scopus) 2019 : 4th EAI International Conference on Machine Learning and Intelligent Communications**

submission 2019-02-28  
event 2019-08-24 ~ 2019-08-25  
place Nanjing, People's Republic of China

**ICESP--JA, Scopus 2019 : 2019 2nd International Conference on Electronics and Signal Processing (ICESP 2019)--JA, Scopus**

submission 2019-04-10  
event 2019-08-25 ~ 2019-08-28  
place Hong Kong

[동양커뮤니케이션학회연구회] 긴급현안 세미나 "아베 정부의 '화이트리스트 한국 배제' 관련 남북한·일·중·미·러 언론 보도 돌아보기"

submission N/A  
event 2019-08-26  
place 뉴스타파 함께센터 지하1층 리영희홀

연구보고서

**Older Americans, Black Adults and Americans With Less Education More Interested in Local News**

14 Aug 2019

Pew Research Center(2019)

**MISSING! Evening Newscasts Hide the (D) in Epstein-Linked Democrats**

13 Aug 2019

Media Research Center(2019)

**Can't Stop, Won't Stop: Unhinged MSNBCers Keep Comparing Trump to Hitler**

12 Aug 2019

Media Research Center(2019)

**State of Newsrooms in South Asia**

09 Aug 2019

World Association of Newspapers and News

소장도서



International news



미디어콘텐츠 4.0 : 4.0시대 커



방송학 원론 / 제4개정판




인공지능과 법

# SICS: Service Details


- Book & eBook


- Information on library holdings and new arrivals related to the field of study
- Updates on domestic and international releases

**Media & Communication: Research Guide 미디어학 학술연구정보서비스** 

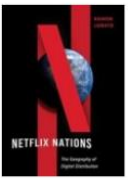
Home **Book & E-book** Journal & Article WebDB News & Report Call for Papers OCW Newsletter Contact

Book & E-book Book
소장도서 검색  검색


**도서관 소장 신착도서** 고려대학교 도서관에서 이용 가능한 미디어학분야 최신 도서입니다. [도서관] 미디어학 분야 신착도서 더보기 




한국 언론학 설계자들  
한국언론연구회  
다할미디어 : 에스엔아이팩토리  
(2019)




Netflix nations : the  
geography of digital  
distribution  
Lobato, Ramon  
New York University  
Press(2019)




International news  
coverage and the Korean  
conflict : the challenges of  
rep..  
Moon, Miri  
Palgrave Macmillan(2019)





미디어콘텐츠 4.0 : 4.0시대 커  
뮤니케이션, 미디어 그리고 ..  
송혜림  
한국학술정보(2019)




방송학 원론 / 제4개정판  
유세경  
이화여자대학교출판문화원  
(2019)




인공지능과 법  
한국인공지능법학회  
박영사(2019)

**국내 신간 도서** 미디어학 분야 국내 신간도서 정보입니다. [인터파크] 언론일반/언론이론 분야 신간도서 더보기  신간도서 구입 신청 


언론일반/언론이론
신문방송/언론정보학
광고홍보학
예술/대중문화
영화이론/비평




허브와 커넥터  
최영  
한울아카데미(2019)




헤르메스의 자손들, 공자의 후  
손들  
심훈  
한울(2019)




Korea Annual (2019)/ 영문연  
감  
연합뉴스편집부  
연합뉴스(연합북스)(2019)



언론보도와 정책참여자의 인식  
비교  
송태영  
시각의물레(2019)



초상권  
류종현  
커뮤니케이션북스(2019)



미디어콘텐츠 4.0  
송혜림  
한국학술정보(2019)



# SICS: Service Details

- Journal & Article

- List of articles selected in SCI(E)/SSCI or KCI and classified in Impact Factor's order

Media & Communication: Research Guide 미디어학 학술연구정보서비스

Home Book & E-book **Journal & Article** WebDB News & Report Call for Papers OCW Newsletter Contact

Journal & Article


SSCI Journal

I/F 상위5% ~10% ~20% ~40% ~60% ~80% ~100%

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z ETC

#	Journal	I/F
1	Journal of Computer-Mediated Communication	4.000
2	JOURNAL OF COMMUNICATION	3.729
3	COMMUNICATION RESEARCH	3.391
4	NEW MEDIA & SOCIETY <small>신학</small>	3.121

저널 논문 저널 검색 검색

 Journal of Computer-Mediated Communication ⓘ

Ethnic Minorities' Social Media Political Use: How Ingroup Identification, Selective Exposure, and Collectiv...

Permanently on Call: The Effects of Social Pressure on Smartphone Users' Self-Control, Need Satisfaction, ...

Whose Lives Matter? Mass Shootings and Social Media Discourses of Sympathy and Policy, 2012–2014.

Erratum to "Standing Up for Sweden? The Racist Discourses, Architectures and Affordances of an Anti-Im...

Erratum to "Net Increase? Cross-Lingual Linking in the Blogosphere".

Motivations, Usage, and Perceived Social Networks Within and Beyond Social Media.

Editor's Note: Thank You to Reviewers.

Deaf and Hard of Hearing Smartphone Users: Intersectionality and the Penetration of Ableist Communicat...

Facebook and Face-to-Face: Examining the Short- and Long-Term Reciprocal Effects of Interactions, Percei...

How do Online Comments Affect Perceived Descriptive Norms of E-Cigarette Use? The Role of Quasi-Statist...

Platform-swinging in a poly-social-media context: How and why users navigate multiple social media platf...

What's in a Smile? Politicizing Disability through Selfies and Affect.

KOREA UNIVERSITY LIBRARY








# SICS: Service Details

- WebDB

- List of relevant Web Databases with descriptions and user guides

SICS
Media & Communication: Research Guide 미디어학 학술연구정보서비스

Home Book & E-book Journal & Article WebDB News & Report Call for Papers OCW Newsletter Contact

<p style="color: #f4a460; font-weight: bold;">WebDB</p> <p>WebDB</p>	<h2 style="margin: 0;">미디어학 분야 해외 DB</h2>		
전체			
미디어학 분야 해외 DB			
미디어학 분야 국내 DB			
사전 DB			
통계 DB			
Open Access			
	 <p><b>CAMBRIDGE UNIVERSITY PRESS</b></p> <p>Cambridge 대학 출판부에서 발행하는 400여 종의 최신 연구 결과 및 전 분야의 저널을 제공</p>	<p><b>CMMC (Communication &amp; Mass Media Complete)</b></p> <p>커뮤니케이션 및 Mass Media 분야의 최상의 연구 자료</p>	 <p><b>EBSCO host</b></p> <p>EBSCO를 통해 대량 구독하는 전 주제 분야의 저널 원문 제공</p>
	 <p><b>Emerald   Insight</b></p> <p>공학, 자연과학, 경영, 경제, 사회과학 분야의 저널 원문 제공</p>	 <p><b>STOR</b></p> <p>인문과학, 사회과학, 순수과학 분야의 핵심 학술지 원문 제공</p>	 <p><b>PROJECT MUSE</b></p> <p>문학, 언어, 문화, 역사, 순수예술 분야의 학술지 제공</p>
	 <p><b>ProQuest.</b></p> <p>ProQuest가 제공하는 가장 방대한 원문 데이터베이스</p>	 <p><b>SAGE journals</b></p> <p>경영, 경제, 교육, 역사, 의학, 사회과학, 기술 분야 452종 전자저널 제공</p>	<p><b>ScienceDirect</b></p> <p>Elsevier 출판사에서 출판되는 전 주제 분야 약 1,200여종 저널의 원문, 초록, 목차정보 등 제공</p>

# SICS: Service Details

- News & Report

- Display headline issues related to field of study
- Information on recent research reports

**Media & Communication: Research Guide** 미디어학 학술연구정보서비스

Home Book & E-book Journal & Article WebDB **News & Report** Call for Papers OCW Newsletter Contact

News & Report  
News

전체  
국내  
해외  
BBC  
CNN  
Editor & Publisher  
Fairness & Accuracy in Reporting (FAIR)  
FIPP worldwide magazine media association  
International Federation of Journalists (IFJ)  
International Press Institute (IPI)  
Reporters without Borders  
The Conversation  
The Guardian  
The New York Times  
WAN-IFRA

**BBC**

**Media giants to merge in latest mega-deal**  
The deal between CBS and Viacom combines Paramount Pictures and some of TV's most-watched shows.  
13 Aug 2019  
BBC > Media

**Love Island's Yewande: People called me 'too dark'**  
The former contestant was on 1Xtra Talks speaking about the difficulties of being black in the media.  
12 Aug 2019  
BBC > Media

**Who will regulate digital political ads?**  
Vast amounts of money are pouring into social media platforms. Yet legislators everywhere are yet to respond effectively.  
09 Aug 2019  
BBC > Media

**Traditional TV holding off streaming, Ofcom says**  
The majority of UK viewers still watch programmes on their TV set - but streaming is catching up.  
07 Aug 2019  
BBC > Media

**How to break into the elite**  
As the latest academic research shows, class is alive and kicking in modern Britain. It just operates in ever subtler ways, as a new BBC documentary...  
29 Jul 2019  
BBC > Media

**Pakistan censorship: 'Hovering above the mute button'**  
Journalists say they are facing ever tighter restrictions on their reporting under the government of Imran Khan.  
28 Jul 2019  
BBC > Media

KOREA UNIVERSITY LIBRARY

# SICS: Service Details

- Call for Papers
  - Call for Papers & Conference announcements and information on upcoming academic events


The screenshot displays the 'Media & Communication: Research Guide' website. The header includes the SICS logo and navigation links: Home, Book & E-book, Journal & Article, WebDB, News & Report, Call for Papers, OCW, Newsletter, and Contact. The main content area is titled 'Call for Papers' and features a sidebar with filters: '전체', '국내 학술대회 및 논문투고 일정', and '해외 학술대회 및 논문투고 일정'. The main list is sorted by 'Event' and includes a filter for time periods: '< 1 week', '< 1 month', '< 2 months', and '> 2 months'. The list contains nine entries, each with a title, location, and submission dates. The entries are: 1. MLICOM (Ei, ISI, Scopus) 2019 : 4th EAI International Conference on Machine Learning and Intelligen... (Nanjing, China, 2019-08-24 ~ 2019-08-25); 2. ICESP--JA, Scopus 2019 : 2019 2nd International Conference on Electronics and Signal Processin... (Hong Kong, 2019-08-25 ~ 2019-08-28); 3. MobiWis 2019 : The 16th International Conference on Mobile Web and Intelligent... (Istanbul, Turkey, 2019-08-26 ~ 2019-08-28); 4. ISoCC 2019 : 2019 2nd International Symposium on Computers and... (Rome, Italy, 2019-08-26 ~ 2019-08-28); 5. ISWCS 2019 : International Symposium on Wireless Communication Systems (Oulu, Finland, 2019-08-27 ~ 2019-08-30); 6. International Conference on Communication, Business, Sociology and Humanities (ICCB) (Rome, Italy, 2019-08-27 ~ 2019-08-28); 7. NWCOM 2019 : 5th International Conference on Networks & Communications (Dubai, UAE, 2019-08-31 ~ 2019-09-01); 8. MediaPsych 2019 : MediaPsych 2019 - The 11th Conference of the Media Psychology Division of th... (Chemnitz, Germany, 2019-09-04 ~ 2019-09-06); 9. Tenth International Conference on The Image - Manchester School of Art, Manchester Metropolitan... (Manchester, United Kingdom, 2019-09-05 ~ 2019-09-06).

# SICS: Service Details


- OCW
  - Video clips of OpenCourseWare and other course materials

## Media & Communication: Research Guide 미디어학 학술연구정보서비스

Home Book & E-book Journal & Article WebDB News & Report Call for Papers **OCW** Newsletter Contact




TED(Technology, Entertainment, Design)는 미국의 비영리 재단에서 운영하는 강연회입니다.




**SARA VALENCIA BOTTO**  
WHEN DO KIDS START TO CARE ABOUT OTHER PEOPLE'S OPINIONS?

All TED Communication Journalism Media Film


[TED] 더보기




Sara Valencia Botto  
When do kids start to care about other people's opinions?  
01 Aug 2019




Camille Defrenne and Suzanne Simard  
The secret language of trees  
01 Jul 2019



Barbara Sherman  
How to read a dog's body language  
01 Jul 2019



Julia Espinosa  
The secret life of dogs  
01 Jul 2019



Amy Padnani  
How we're honoring people overlooked by history  
01 Jul 2019

### Open CourseWare

국내 대학 및 해외 유명 대학들이 공개한 대학의 실제 강의 동영상 및 강의자료들을 만날 수 있습니다.

- Avon
- Coursera
- edX
- Future Learn
- Harvard Open Courses
- Infocobuild
- Open Education Consortium
- The Open University
- UCTV(University of California Television)
- Webcast.berkeley
- K-MOOC
- 숙명여자대학교 SNOW
- 한양대학교 HOWL

# SICS: Service Details

- Newsletter

- Monthly newsletters on various scholarly information

The screenshot displays the SICS website interface. At the top, there is an orange header with the text "Media & Communication: Research Guide 미디어학 학술연구정보서비스" and the SICS logo. Below this is a dark navigation bar with links for Home, Book & E-book, Journal & Article, WebDB, News & Report, Call for Papers, OCV, Newsletter, and Contact. The main content area features a newsletter banner for "Aug 2019 vol. 48" with the title "NEWSLETTER : 미디어학 학술연구정보서비스". Below the banner, there is a "NEWS" section with a "MORE NEWS >" link. Three news items are displayed in a grid:

- Announcing the 1st Grantees Recipients of the FJP Community Network**: Includes an image of a woman at a computer and text from "The Guardian" dated 11 Aug 2019.
- Beijing's new weapon to muffle Hong Kong protests: fake news**: Includes an image of a person in a gas mask and text from "The Guardian" dated 11 Aug 2019.
- OTT 규제법안 발의... "국내 사업자 과잉규제" 난색**: Includes an image of a Netflix logo and text from "PD JOURNAL" dated 26 Jul 2019.

Below the news items, there are three columns of text:

- Will Facebook save local journalism?**: Text from "FIPP worldwide magazine media association" dated 12 Aug 2019. The text discusses the first round of grants to fund community journalism, paid for by Facebook, announced on 17 July, and a second round announced in the US.
- Media giants Viacom and CBS to merge in latest mega-deal**: Text from "BBC" dated 13 Aug 2019. The text discusses the merger of CBS and Viacom into a new company with \$28bn in revenue.
- 블록체인 기술과 탈중앙화**: Text from "KISDI" dated 13 Aug 2019. The text discusses the challenges of blockchain technology and its application in the media industry.

On the right side of the page, there is a "Newsletter 지난호" (Previous Issues) section with a list of issues from 2019 to 2015, including volume numbers and months.

# SICS: Current Status

---



## Computer Science

708 sources  
30,795 articles



## Law

675 sources  
19,109 articles



## Media & Communication

580 sources  
14,322 articles



## Psychology

948 sources  
38,282 articles



## Economics

881 sources  
28,343 articles



## Education

878 sources  
26,796 articles



## Linguistics

470 sources  
15,221 articles



## Politics

764 sources  
18,117 articles

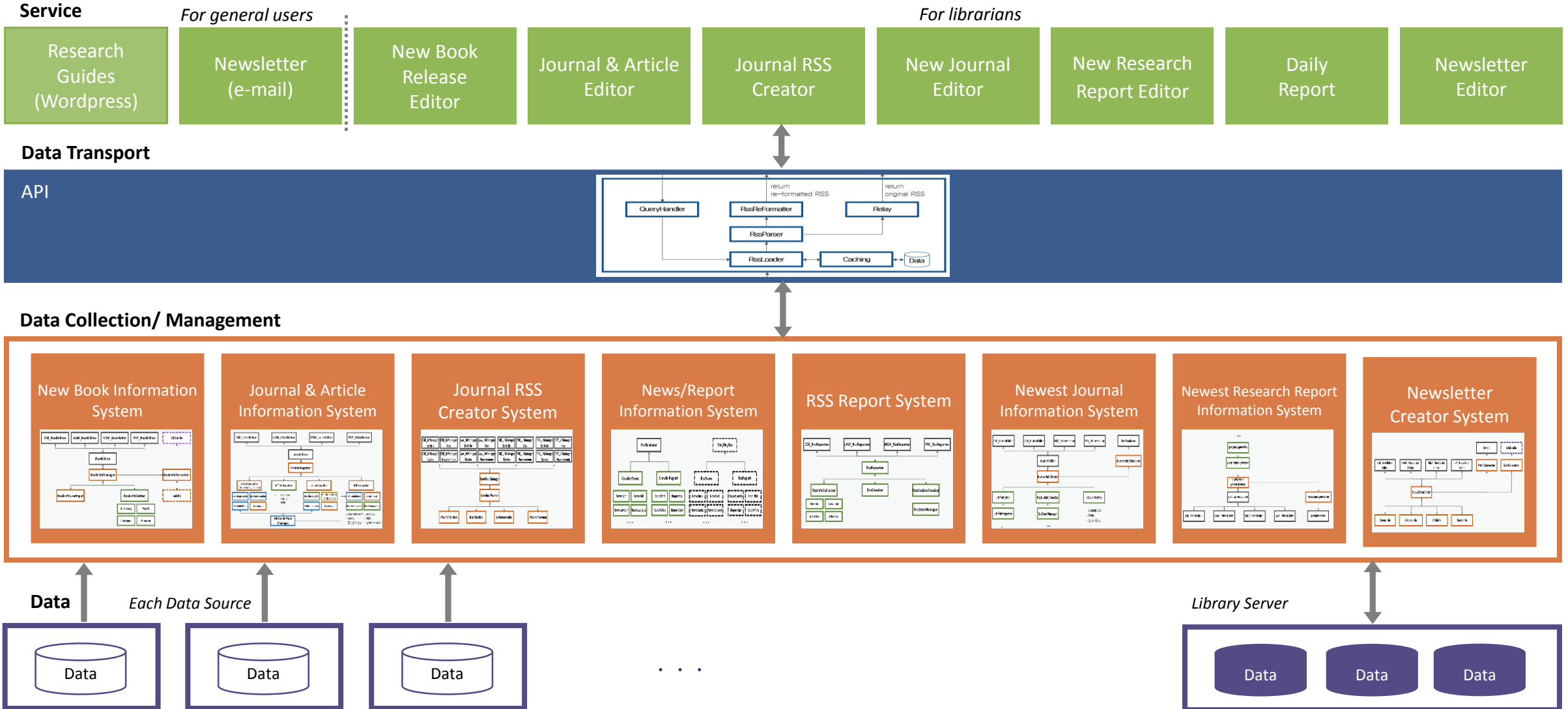


## Public Administration

673 sources  
21,085 articles

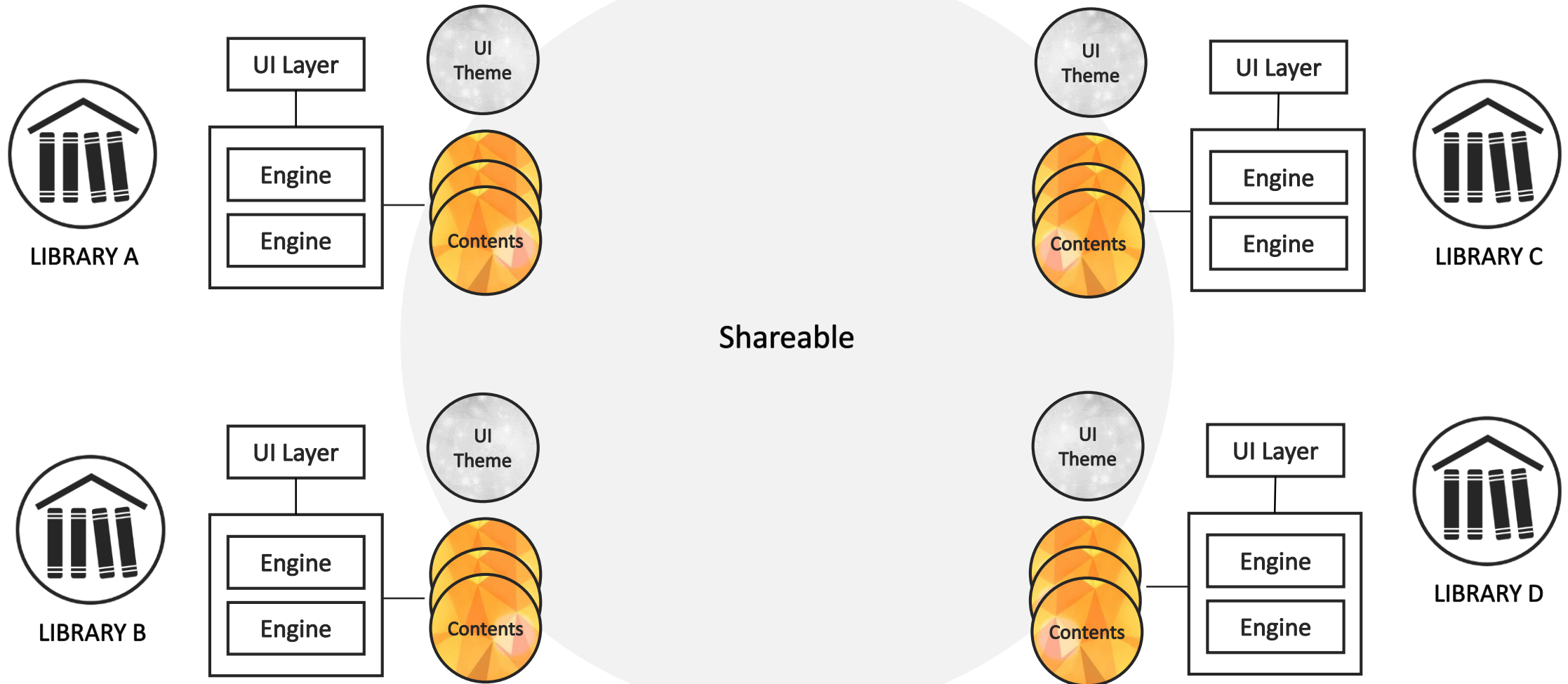
6,600 sources  
207,000 articles

# Building SICS Platform

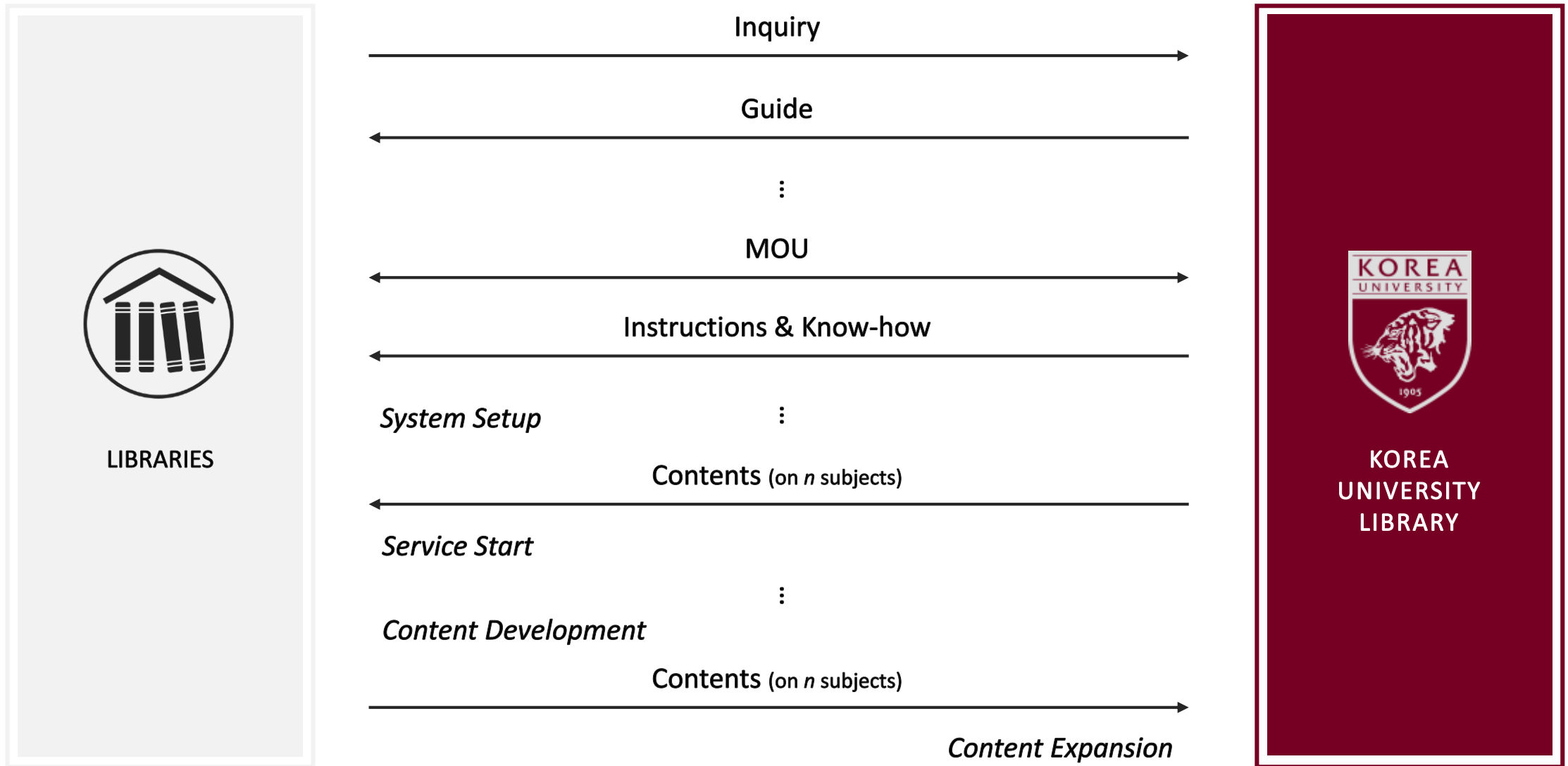




# Ecosystem and Collaboration



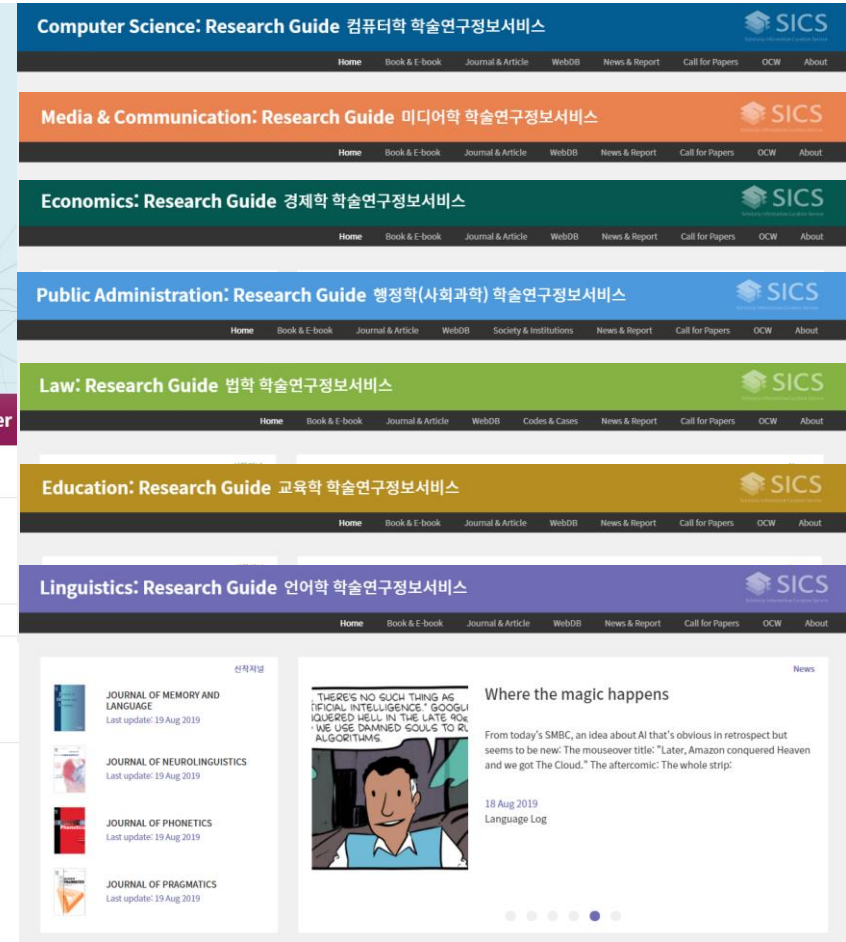
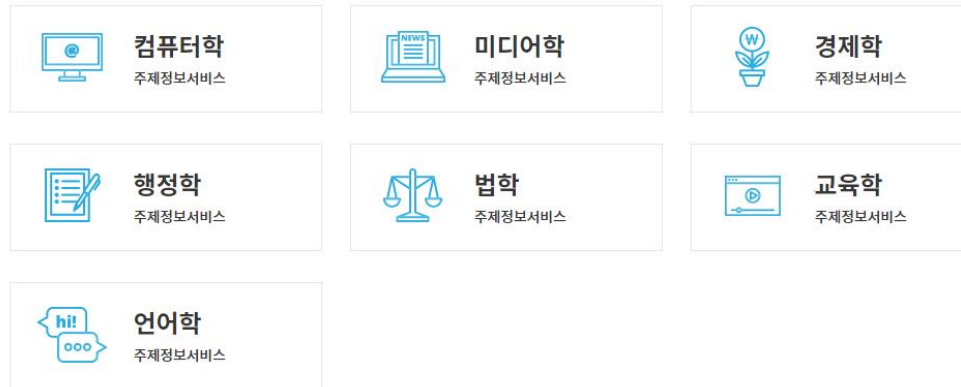
# Collaboration Procedure



# Collaboration Case

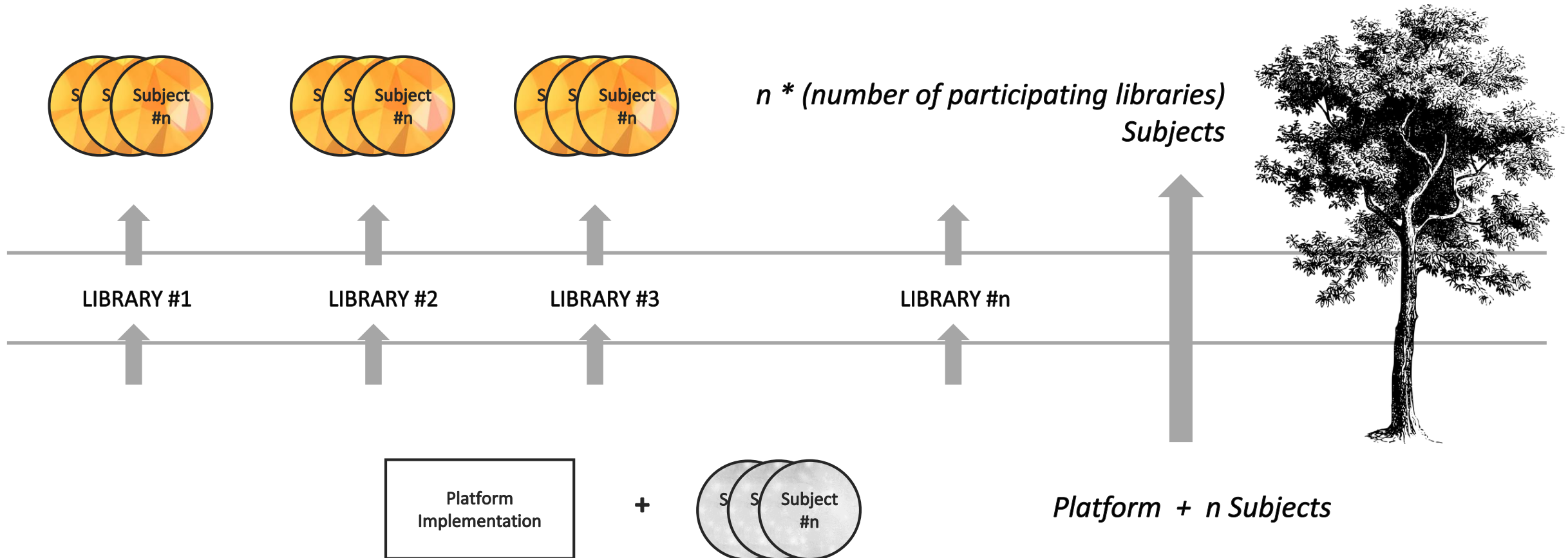
- Gangneung-Wonju National University Library

- 2018.11 Inquiry
- 2019.01 Confirm
- 2019.02 System Setup
- 2019.02 Contents Setup
- 2019.03 Service Open



# Benefits

- Gets More by Keeping Less Inside and Sharing Its Resources with Others

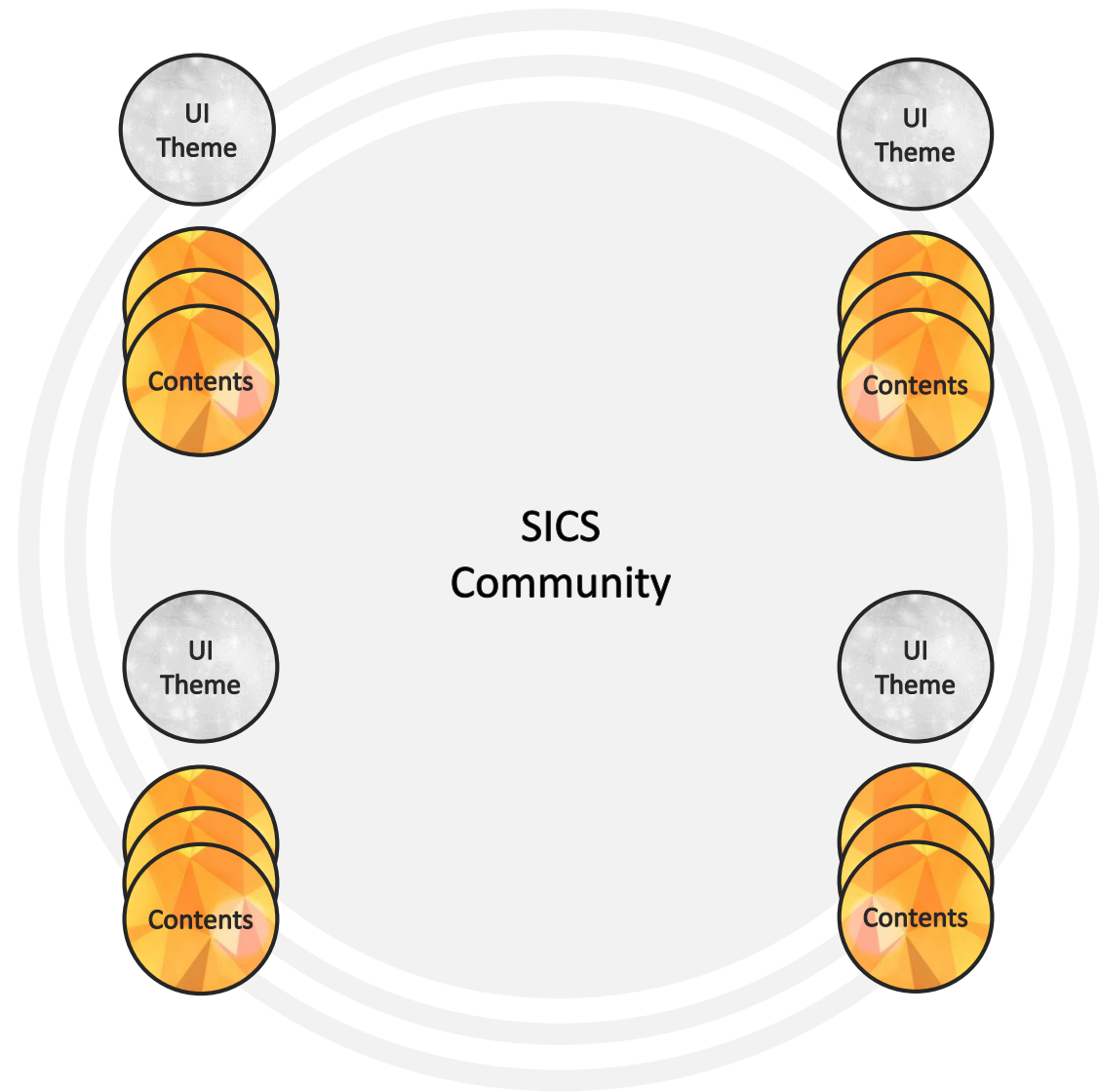


# Benefits

- Each and Every Library Benefits

*n \* (number of participating libraries)  
Subjects*

*Start service immediately using contents  
have been collected by other universities*



# Future Work

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## More Partnerships and Collaborations Among Libraries and Universities



Technical Cooperation



Content Sharing



System/Service Co-development

## Improve Platform and Build Cooperational Foundation



### More Expandable Platform

- ✓ More flexible platform that efficiently delivers research services among institutions



### More Customized Services

- ✓ Customization for each institution
- ✓ Personalized services for researchers



### Better Usability and Efficiency

- ✓ More user-friendly UI/UX
- ✓ More efficient and easy-to-use managing tools

THE END

*- Thank You -*