

## Trustworthy SNS for Institutional Repositories

Inoue, Sozo  
Kyushu University Library

Hori, Yuko  
Kyushu University Library

Ikeda, Daisuke  
Kyushu University Library

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Sozo INOUE, Yuko Hori, Daisuke IKEDA  
 Library, Kyushu University, Japan    {sozo,yukos,daisuke}@lib.kyushu-u.ac.jp

## 1. Requirement for IR

The IR (Institutional Repository) wants....

to increase the use  
 both from  
internal/external users  
 of the institution

V.S.

not to increase the  
 workload of  
 researchers for IR

### Perspective

- Introduce the IR interface to well-used web services  
 SNS, CMS, Blog, OPAC, E-journals, enterprise services, etc....

## 3. SNS for IR

### Power of SNS with IR

- SNS can increase users with self-propagation
- Number/time of use per user is longer than other services.
- User preferences can be obtained for recommendation.

### Challenges

- How to manage the mix of internal/external users?
  - Special info./services for internal users
  - General info./services for external users

## 4. Contribution

### Solution

The institution assures the internal users and tells to SNS.

### Method

- When an SNS account is created, the user input the personal info. to IS (institutional system).
- The hashed value of the info. are checked with the hashed member database by IS.
- If match, IS sends the name and the e-mail address to SNS.
- SNS creates an account.

Community preference can be input and registered automatically.

**Institutional System (IS)**

Name, e-mail  
Community list

**SNS**

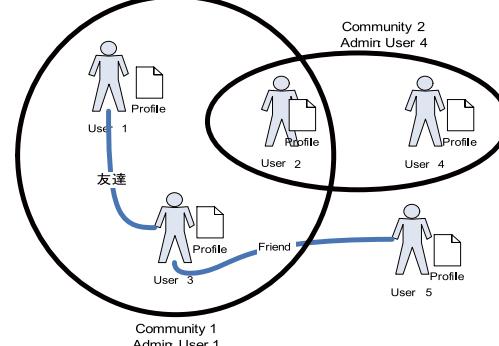
### What has changed?

- Internal users can see real names each other.
- External users can only see the internal users belongings.
- SNS does not need to know the personal info. except name and e-mail
- Internal service can be provided only to internal users. links to OPAC, e-journals, etc...

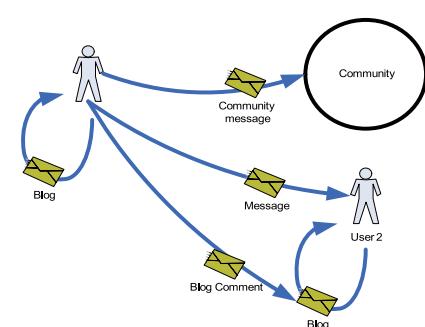
## 2. SNS (Social Networking Service)

Interaction with real human relationship based on invitations.

### Friend, Community



### Message, Blog, Comment

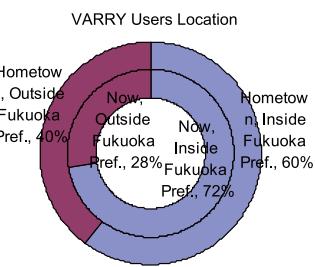


### Mypage, Profile

Personalized mypage for a user herself, and profile page for other users.

### Local SNS: VARRY

About 6,000 users (internal and external).



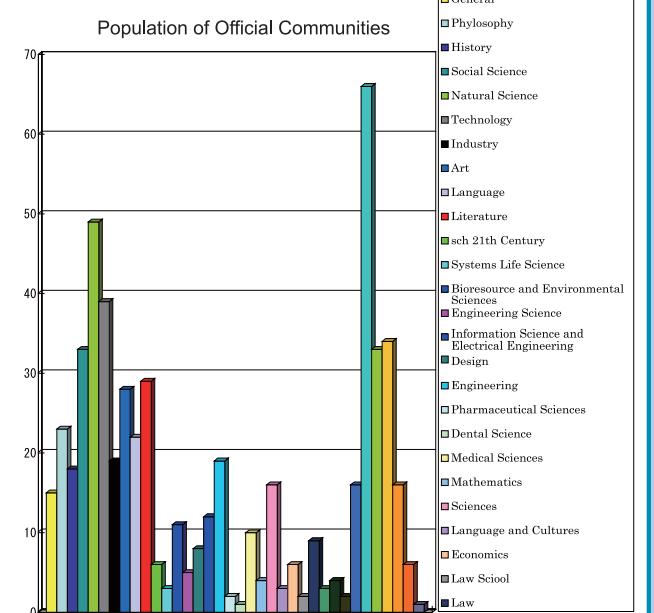
## 5. Now

### Current Status

192 internal users  
 (Jan. 28. 2008)

36 Official communities by the institution

**Integrated Search**



## 6. And Future....

### Integration with

- IR
- E-journals
- OPAC
- Syllabus System
- OCW (Open Course Ware)
- Etc...

### How to Integrate?

- Integrated search form on SNS mypages.
- Inner frame of the above services on SNS mypages.