

SciX project: Lowering the technical, economic and social barriers to open scientific publishing

SCI X
SCIENTIFIC INFORMATION EXCHANGE

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presentation at OAI Workshop
Geneva, October 17, 2002

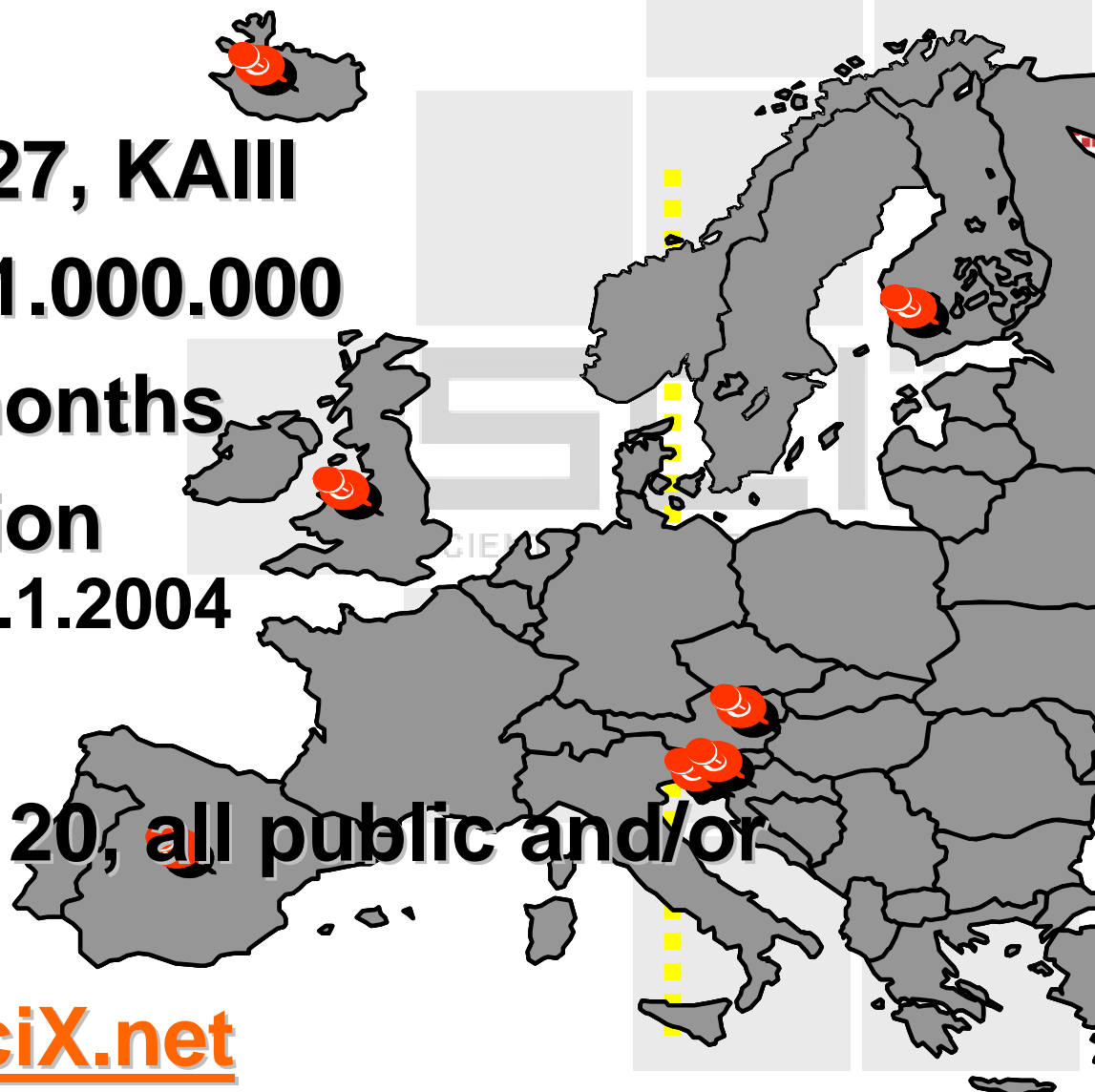
IST-2001-33127



www.SciX.net

SciX project

- ❑ IST-2001-33127, KAIII
- ❑ EU funding €1.000.000
- ❑ 200 person months
- ❑ Project duration
 - ❑ 1.2.2002 - 31.1.2004
- ❑ Partners: 7
- ❑ Deliverables: 20, all public and/or open source
- ❑ Web: www.SciX.net



Open, self organising repository for scientific information exchange

- demonstrate that the Internet enables new business models for the scientific publishing process

- as is model
- to be model

- enable the scientists

- create digital archives vs. web pages
- time- and cost-efficient access to their peers' work,
- create an on-line community of authors and readers
- disseminate scientific work to non-scientists, like engineers or architects

Current situation

- ❑ do research
- ❑ write paper for free
- ❑ review for free
- ❑ edit journal for free
- ❑ give away the copy-right for free

- ❑ buy the results of the above
(subscribe to journal)

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Webtop publishing

- ■ ground up, grassroots approach
- ■ many small publishers
 - universities
 - professional organizations
 - individuals
- ■ result today: website
- ■ result tomorrow: digital archive

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Support for digital archives

❑ archive

- ❑ publishing and archiving platform
- ❑ workflow support: submission, review, revision, publishing, readership monitoring ...
- ❑ self management, classification

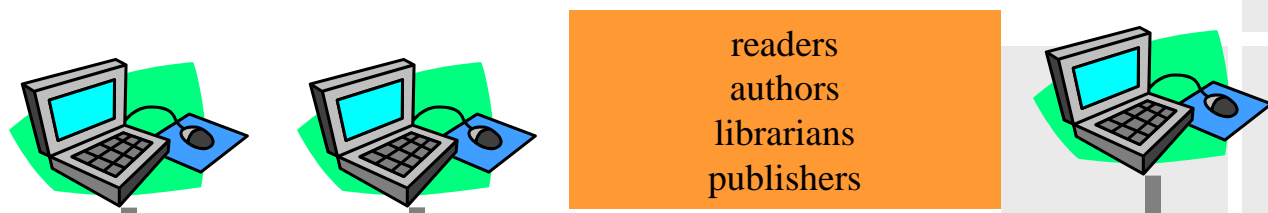
❑ cross archive

- ❑ metadata harvesting ... **and**
- ❑ searching
- ❑ user management
- ❑ content clustering
- ❑ full content

❑ non technical

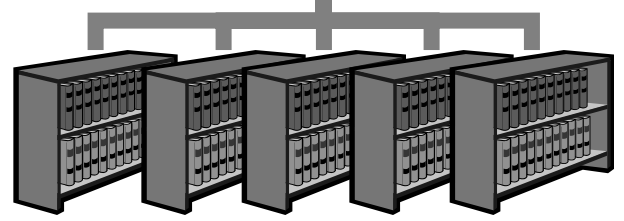
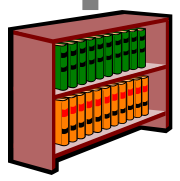
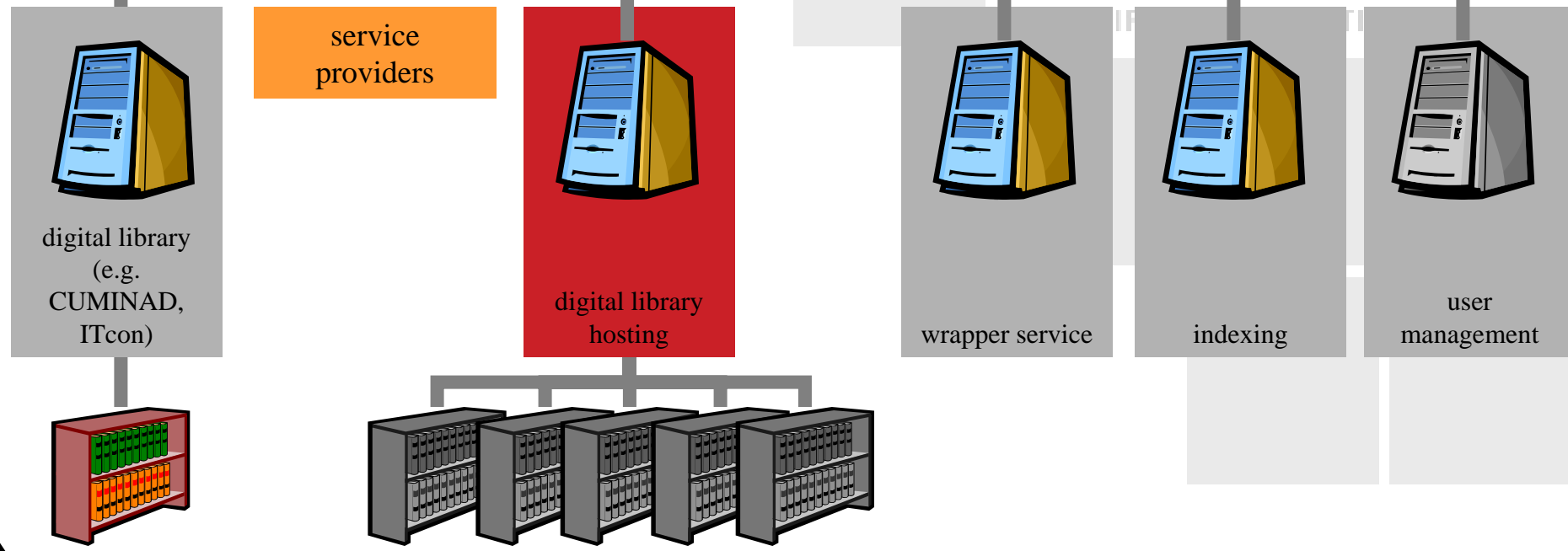
- ❑ prestige, image, quality certification

Draft architecture



server:user communication: http, HTML

server:server communication: http, XML, SOAP, WSDL



How hard can it be?

- ❑ write your own software
- ❑ buy commercial software
- ❑ get openSource software, compile, install ... **maintain**

- ❑ **SciX**
 - ❑ rent infrastructure
 - ❑ customize using forms on the Web
 - ❑ demo ...

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CREATE A NEW DATABASE: Setting up new database - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://www.scix.net/cgi/create/NewTableForm

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Setting up new database

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CREATE A NEW DATABASE

First you must select what kind of a database you need, then give it a title, tell us who will manage it, and choose a password for it. Please make sure that the email address is correct - to this address we will send a confirmation code that will be required to run the database.

Select what kind of database you want to set up:

Enter short title of the database:

Enter name of the manager:

Enter correct email address of the manager:

Enter a password that will be used to access database management twice:

Snap your fingers to proceed:

select
select
addressbook
bibliography
classifieds
collectors-records
companies
documents
faq
guestbook
links
members
news
open-archive
people
custom ...
from my data ...
like this one

ation of the predefined

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ail.com

Document: Done (0.438 secs)

CREATE A NEW DATABASE: Setting up your database - Mozilla


File Edit View Go Bookmarks Tools Window Help

http://www.scix.net/cgi/create/NewTable?structureTemplate= [Go] Search



Setting up your database

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CREATE A NEW DATABASE



Congratulations, your database is ready!

The main URLs to access it are:

- ◆ The main menu for your end users is at <http://www.scix.net/cgi/use/open-archive7816/Home>.
- ◆ The menu for you, the administrator is at <http://www.scix.net/cgi/use/open-archive7816/U=admin&P=aaa/AdmMenu>. Use this link to further configure this application. You can also access this menu from the **Main menu** after you **login** as admin.

You should bookmark those links and also print this page out.

Select options from toolbar:



Template open-archive: New Publication - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://www.rent-a-db.com/tt/open-archive/Add Go Search

Template open-archive New Publication

[Show less help](#) | [Display manual](#)

title: A name given to the resource. *(Starts with a capital and followed by up to 100 characters.)*

Typically, a Title will be a name by which the resource is formally known.

creator: An entity primarily responsible for making the content of the resource.

Examples of a Creator include a person, an organisation, or a service. Typically, the name of a Creator should be used to indicate the entity.

subject: The topic of the content of the resource.

Typically, a Subject will be expressed as keywords, key phrases or classification codes that describe a topic of the resource. Recommended best practice is to select a value from a controlled vocabulary or formal classification scheme.

description: An account of the content of the resource.

Typically, a Subject will be expressed as keywords, key phrases or classification codes that describe a topic of the resource. Recommended best practice is to select a value from a controlled vocabulary or

Document: Done (0.204 secs)

Conclusions

- ❑ **SciX will use WSDL, XML and OAI standards for inter-archive data exchange**
- ❑ **SciX will trivialize the creation and management of open archives**
- ❑ **SciX is identifying needs for other kinds of cross archive collaboration**
- ❑ **psychological, social and economic problems remain**
 - ❑ **a network of small, independent publishers and content providers would make individual effort like ours stronger**

The end



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