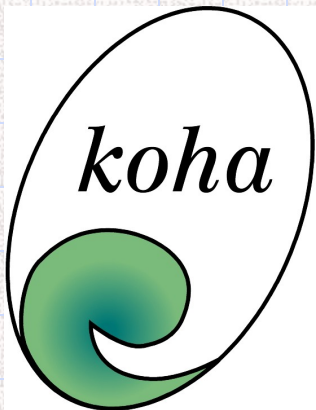


Koha Kütüphane Otomasyon Sistemi

Zeki Çelikbaş
celikbas@itu.edu.tr



Özgür Yazılım

◆ Özgür Yazılım Nedir?

- Özgür kullanım,
- Kodunu değiştirme özgürlüğü,
- Yeniden dağıtma ve toplum ile paylaşma özgürlüğü,
- Programı geliştirme ve gelişmiş hali ile topluma dağıtma özgürlüğü.

◆ Özgür Yazılımın Lisanslanması

◆ GNU General Public Lisans (GNU Genel Kamu Lisansı)

Kütüphane Otomasyon Tarihi

- ◆ 1940 Öncesi: Manuel, Bilgisayar öncesi tarih.
- ◆ 1961 KWIC
- ◆ 1965-1968 MARC I & MARC II
- ◆ 1970-79 SEQUEL/SQL
- ◆ 1967 OCLC
- ◆ 1980-1990 Ticari programların yaygınlaşması
- ◆ 1999 Koha

Kütüphane Otomasyon Sistemleri

Ticari Programlar

- ◆ Innopac
- ◆ VTLS
- ◆ KYBELE
- ◆ BLISS
- ◆ Yordam

Özgür Yazılımlar

- ◆ Koha
- ◆ Emilda
- ◆ OpenBook
- ◆ CD/ISIS
- ◆ Avanti

www.oss4lib.org

Koha'nın Genel Özellikleri

- ◆ Ödün verme
- ◆ Satınalma
- ◆ Kataloglama
- ◆ Üyeler
- ◆ Opac
- ◆ Rapor ve istatistikler



Geliştirme ve Yardım



- ◆ **Web:** www.koha.org koha'nın resmi web sitesi.
- ◆ **CVS:** cvs.koha.sourceforge.net:/cvsroot/koha
- ◆ **Listeler:** <http://koha.org/mailing/index.html>
koha@lists.katipo.co.nz koha tartışma listesi günlük yaklaşık 5 mesaj.
Koha-devel
Çeviri (Almanca ve Fransızca) http://sourceforge.net/mail/?group_id=16466
- ◆ **Bug:** bugs.koha.org Koha içinde karşılaştığınız hataları bildirmek.
- ◆ **IRC:** irc.katipo.org Geliştiriciler ve koha kullanıcıları aralarında chat yapmak.
- ◆ **Wiki:** <http://www.saas.nsw.edu.au/wiki/index.php?page=KohaProject>
Dokümantasyon çalışmaları

Sıkça Sorulan Sorular

◆ Koha nasıl ölçeklenebilir? / Ne kadar büyük bir kütüphane sistemini destekleyebilir?

- Koha geliştiricilerinin düşüncesine göre bu doğrudan veritabanı (MySQL) ile ilgili. Veritabanınızın performansı ise donanımınızın ile doğrudan alakalıdır. Daha hızlı bir işlemci, çok RAM sisteminizin daha rahat çalışmasını sağlar. Bu açıdan bakıldığında Koha'nın Dünya üzerinde altından kalkamayacağı kütüphane yoktur.

Sıkça Sorulan Sorular

◆ Koha nasıl bir donanım üzerinde çalışabilir?

- HLT (3 Kütüphane, 80.000 kitap, 25.000 kullanıcı)
Dual Intel Pentim III 1 Gigahertz İşlemci
1 Gb. RAM
Mirrored Maxtor 20Gb. 7200Rpm disks
Debian Linux “woody”
- CMSD (8 Kütüphane, her ktp. 2-8 bin kitap, 1000 kullanıcı)
Pentium 200 Mhz – 300 Mhz
64 MB RAM
- UUBF (1 Kütüphane, 1000 kitap, 1000 kullanıcı)
Pentium 133 Mhz işlemci
64 MB RAM

HLT – Hoorowhenua Library Trust, New Zealand

CMSC – Coast Mountain School District, BC, Canada

UUBF – Uçak ve Uzay Bilimleri Fakültesi, Türkiye

Sıkça Sorulan Sorular

- ◆ Koha ile ne çeşit barkod kullanabiliriz?
 - Herhangi bir barkod tarayıcı / Herhangi bir barkod standardı (EAN-13, UPS, ISBN, code 39)
 - System Preferences altından “AutoMemberNum 1” olarak ayarlanırsa sistem her kullanıcı için otomatik olarak bir barkod üretecektir.
 - GNU lisanslı bir yazılım olan “barcode” ile hem kitaplar hemde kullanıcılar için barkodlar üretilip basabilirsiniz. (linux+win32).

Sıkça Sorulan Sorular

- ◆ Koha'nın çalışması için gerekli yazılımlar nelerdir?
 - Linux
 - Apache
 - MySQL (başka bir veritabanıda olabilir)
 - Perl
 - ◆ Ve bazı moduller
-
- windows üzerinde çalışır durumda

Sıkça Sorulan Sorular

◆ Koha'nın MARC desteği varmı?

- Z39.50 sunucularından MARC formatında kayıt alabilir.
- MARC kayıtları (iso2709) Koha'ya aktarmak mümkün.
- MARC formatında kayıt ihraç edebiliyor.
 - ◆ <http://www.loc.gov/marc/>

MARC kayıtları almadan önce (MARC21/UNIMARC) Preferences seceneği altındaki MARC Test programı ile kayıtları test etmek iyi olacaktır.

Sıkça Sorulan Sorular

◆ Kendi dilimizde kullanabilirmiyiz?

- İngilizce
- Fransızca
- Çekce
- İspanyolca

Kurulum ile birlikte geliyor.
Türkçe ?

Koha Kurulumu

◆ Kurulum için gerekenler

- Veritabanları ile ilgili deneyim, SQL bilgisi
- Kütüphanecilik terim ve yöntemleri konusunda bilgi (<http://lu.com/odlis/>)
- MARC formatında kataloglama yeteneği (<http://www.loc.gov/marc/umb/>)
- İşletim sistemini (linux) komut satırından kullanmak için deneyim

<http://www.koha.org/installation/quick-start.html>

<http://www.koha.org/manual/book1.html>

Koha'nın Kurulumu

◆ İşletim Sisteminin Hazırlanması

- DNS kul. (opac.ktph.alani , intranet.ktph.alani)
- PORT kul. (www.ktph.alani:80, www.ktph.alani:8080)
- Perl (Marc, Net, Mail, Event)
 - Perl -MCPAN -e 'install "HTML::Template"'
 - Perl -MCPAN -e 'install "MARC::Record"'
 - Perl -MCPAN -e 'install "Mail::Sendmail"'
- Yaz
 - yaz
 - yaz-lib
 - yaz-doc



Koha'nın Kurulumu



```
#./installer.pl
are you ready to begin installation?([Y]/N)
Checking perl modules....
OPAC Directory [/usr/local/koha/opac]:
Intranet Directory [/usr/local/koha/intranet]:
Koha Log Directory [/usr/local/koha/log]:
Database Name [Koha]:
Database Host [localhost]:
Database User [kohaadmin]:
Password for database user admin:XXXXXX
E-mail contact [webmaster@]:
Host name or IP Address [160.75.14.215]:
Enter OPAC Port [80]:
Enter Intranet Port [8080]:
```



Koha'nın Kurulumu



Please enter MySQL admin password:XXXXX

Copying files.....

Creating database.....

Chose MARC definition [1]:

Branc Name [Main Library]:

Printer Name [Library Printer]:

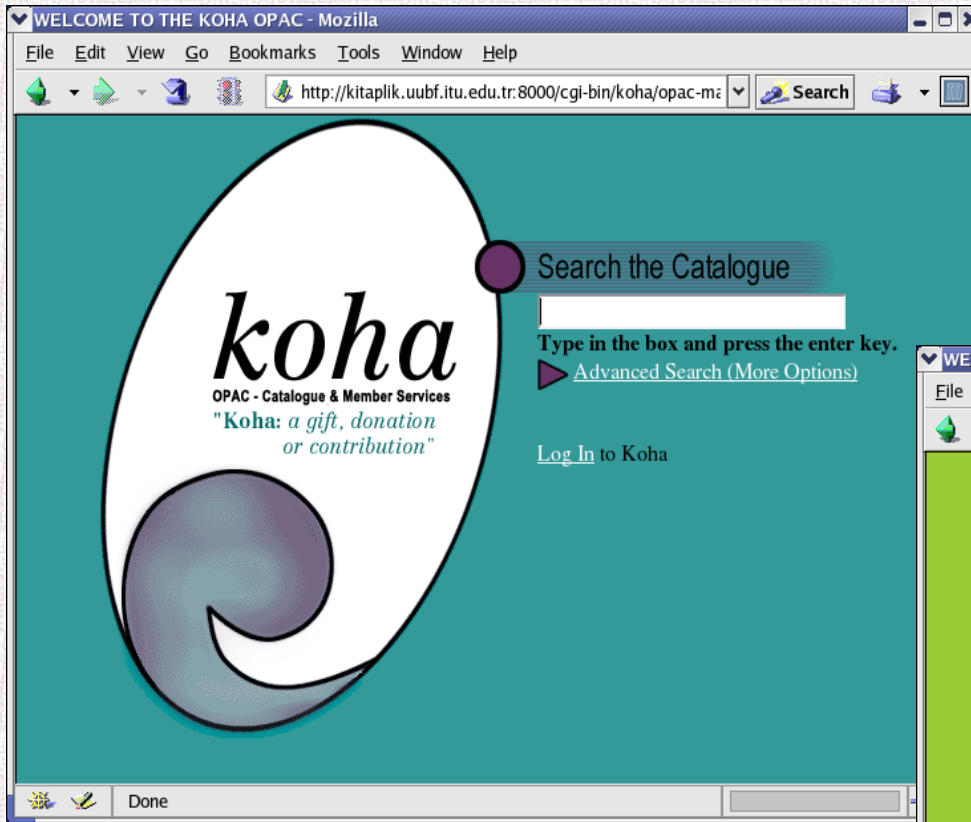
Which language do you choose? En

Wolud you like to try to restart Apache now? ([Y]/N)

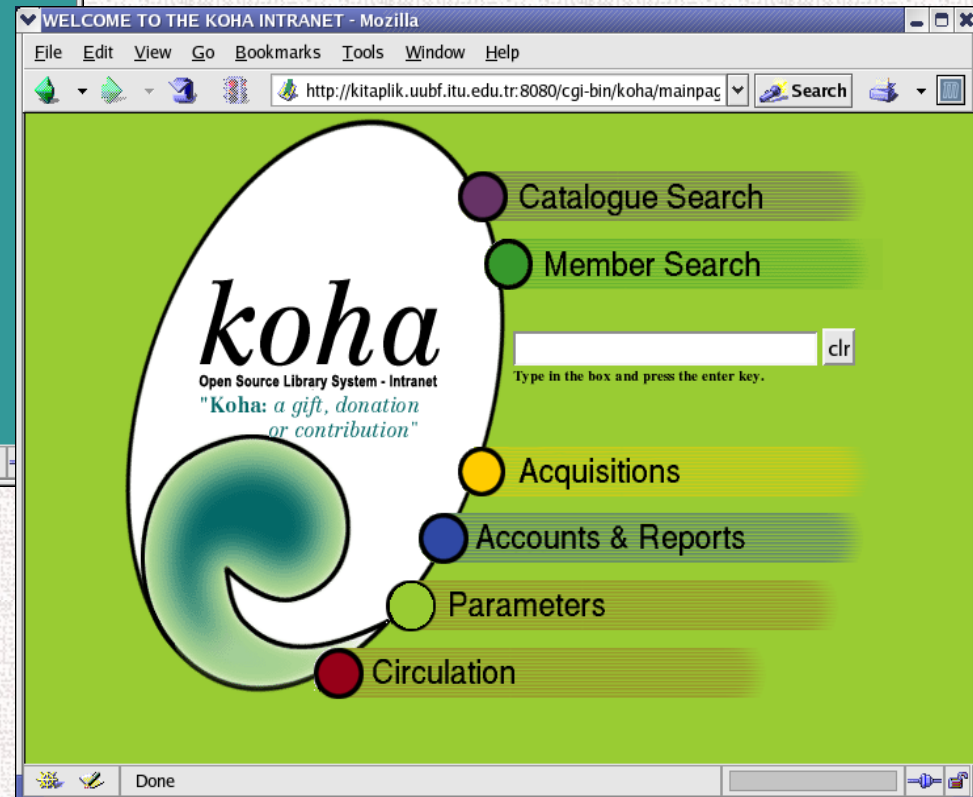


Koha Kuruldu

Intranet:
intranet.kutuphane.alani
index.kutuphane.alani:8080



Opac:
opac.kutuphane.alani
index.kutuphane.alani:8000



Parametreler

Biblio related

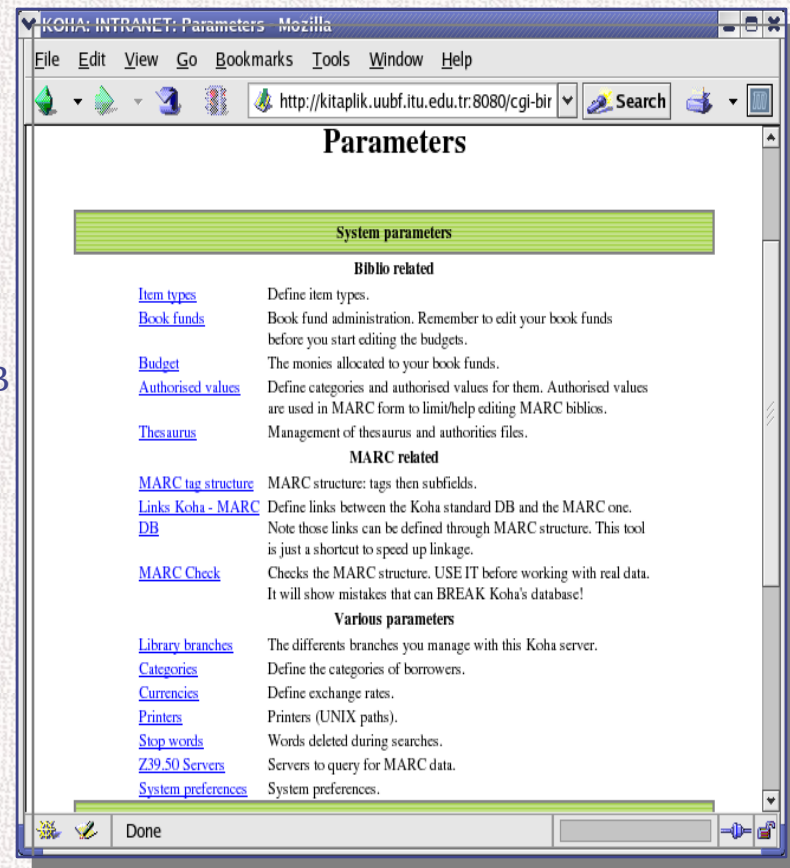
- **Item types** Define item types.
- **Book funds** Book fund administration.
- **Budget** The monies allocated to your book funds.
- **Authorised values** Define categories and authorised values for them.
- **Thesaurus** Management of thesaurus and authorities files.

MARC related

- **MARC tag structure** MARC structure: tags then subfields.
- **Links Koha - MARC DB** Define links between the Koha standard DB and the MARC one.
- **MARC Check** Checks the MARC structure.

Various parameters

- **Library branches** The different branches you manage with this Koha server.
- **Categories** Define the categories of borrowers.
- **Currencies** Define exchange rates.
- **Printers** Printers (UNIX paths).
- **Stop words** Words deleted during searches.
- **Z39.50 Servers** Servers to query for MARC data.
- **System preferences** System preferences.





Kataloglama

KOHA: INTRANET: Catalogue - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://kitaplik.uubf.itu.edu.tr:8080/cgi-bin/koha/search.marc/search.pl?type=in Search

KOHA Home Catalogue Members Acquisitions Circulation Reports Parameters About

options >> Quick search | MARC search | Add biblio | Cat maintenance

Logged in as: librarian [Log Out]

Recherche MARC

KOHA: INTRANET: Catalogue - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://kitaplik.uubf.itu.edu.tr:8080/cgi-bin/koha/search.marc/search.pl?type=in Search

KOHA Home Catalogue Members Acquisitions Circulation Reports Parameters About

options >> Quick search | MARC search | Add biblio | Cat maintenance

Logged in as: librarian [Log Out]

MARC search results

Results 1 to 1 of 1

Biblio #	Author	Title
1	Kuethe, Arnold M.	Foundation of aerodynamics

Home | Catalogue | Members | Acquisitions | Circulation | Reports | Parameters | About

KOHA: INTRANET: Catalogue - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://kitaplik.uubf.itu.edu.tr:8080/cgi-bin/koha/search.marc/search.pl?type=in Search

KOHA Home Catalogue Members Acquisitions Circulation Reports Parameters About

options >> Quick search | MARC search | Add biblio | Cat maintenance

Logged in as: librarian [Log Out]

Normal MARC biblio : 1 Request

0 1 2 3 4 5 6 7 8 9 Item

020 -INTERNATIONAL STANDARD BOOK NUMBER

a International Standard Book Number 9754835756

Done

Üyelik İşlemleri

KOHA: INTRANET: Members - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://kitaplik.uubf.itu.edu.tr:8080

KOHA HomeCatalogue Members AcquisitionsCirculation

options >> Member home | Add member | Add org

Logged in as: librarian [Log Out]

Members

- Member Search** Çelikbaş, Zeki
Renew Items, view add, modify and delete
Type a borrower name, part of a name or
enter key to activate search
- Browse Members**
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 ||

Home || Catalogue || Members || Acquisitions || Circulation

Done

KOHA: INTRANET: Members - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://kitaplik.uubf.itu.edu.tr:8080

KOHA HomeCatalogue Members AcquisitionsCirculation

options >> Member home | Add member | Add org

Logged in as: librarian [Log Out]

Add New Member

Clear all Fields

MEMBER PERSONAL DETAILS

Title	Initials	Given Names*	Surname
No Title ▾		Zeki	Çelikbaş

MEMBER ADDRESS

Postal Address*	Zip
ITU Maslak Kampusu	80820

MEMBER CONTACT DETAILS

KOHA: INTRANET: Members - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://kitaplik.uubf.itu.edu.tr:8080

Confirm Record

NEW MEMBER

Name	Zeki Çelikbaş (Zeki,)
------	-------------------------

MEMBERSHIP DETAILS

Membership Number	1
Card Number	P0081254001
Membership Category	AP
Fee	0.000000
Joining Date	01/08/2003
Expiry Date	01/08/2004
Joining Branch	MAIN

PERSONAL DETAILS

Date Of Birth	10/08/1968
Sex	Male

MEMBER ADDRESS

Postal Address	ITU Maslak Kampusu Maslak
Home Address	ITU Maslak Kampusu Maslak

MEMBER CONTACT DETAILS



Ödünç verme

KOHA: INTRANET: Circulation - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://kitaplik.uubf.itu.edu.tr:8080/cgi-bin/koha/circ/circulation.pl

KOHA: INTRANET: Circulation - Mozilla

File Edit View Go Bookmarks Tools Window Help

http://kitaplik.uubf.itu.edu.tr:8080/cgi-bin/koha/circ/circulation.pl

Search

options >> Issues | Returns | Branch transfers

Logged in as: librarian [Log Out]

Circulation: Issues

Next Borrower

Returns

Transfers

Branch: Main Library

Printer: Library Printer

[Change Settings](#)

Enter Book Barcode

Item Barcode: K01125801 Issue

Day Month Year

☐ Sticky Due Date

Patron Information

[P08125401](#) Zeki, Çelikbaş

İTU Maslak Kampusu Maslak Cat: AP

Flags

ODUES Yes, See below

Previous Issues

Due Date	Bar Code	Title
02/07/2002	T276	Murder On The Orient Express
02/07/2002	T176	Curious George Rides a Bike
02/07/2002	T376	Changes

Done

Today's Issues

Due Date	Bar Code	Title	Author	Class
08/08/2003	K01125801	Space nuclear power / by Joseph A. Angelo, Jr. and David Buden	Angelo, Joseph A	610.5

Done

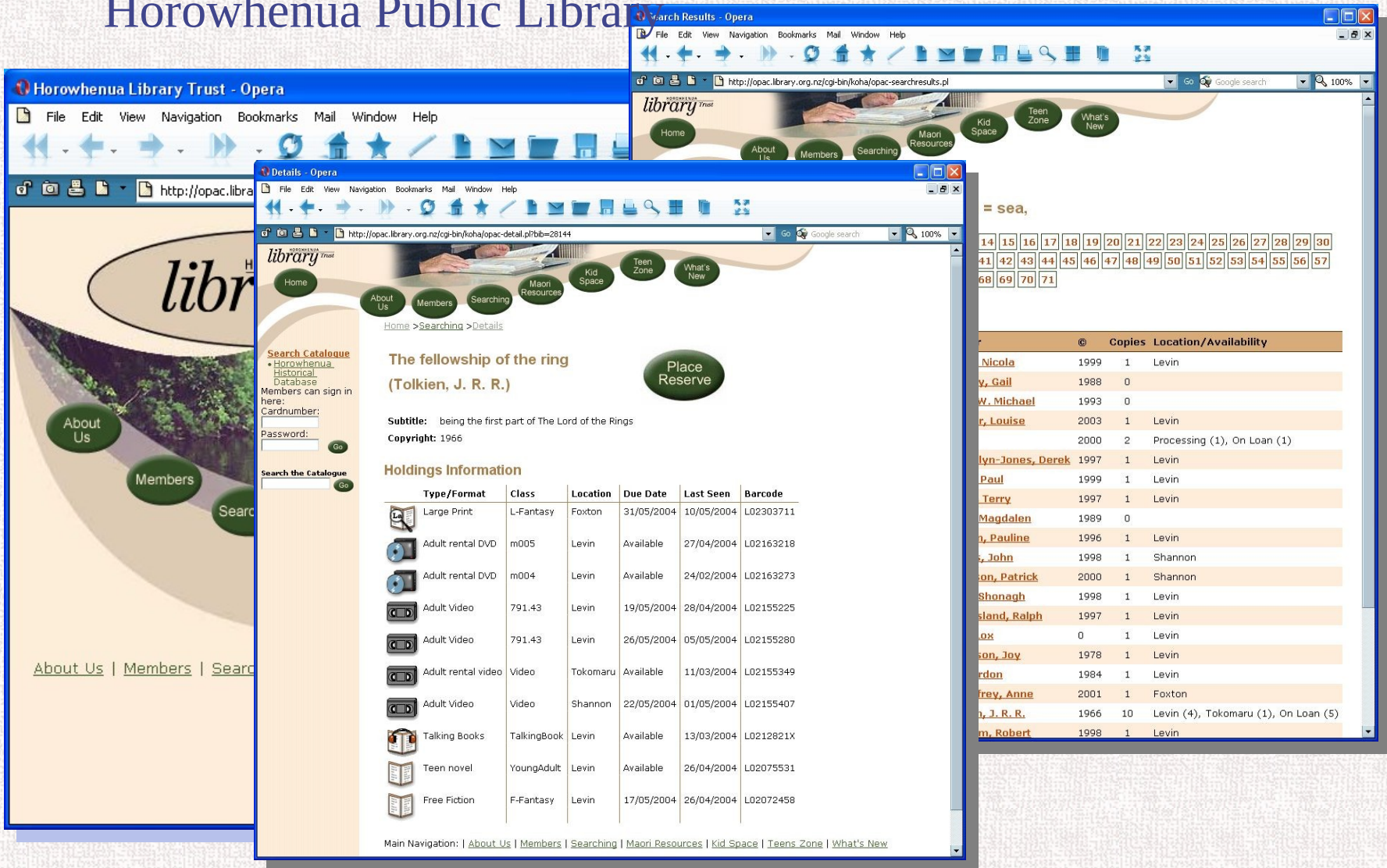
Browne, BRO

Koha Kullanabilecek Kütüphaneler

- ◆ Halk Kütüphaneleri
- ◆ Okul Kütüphaneleri
- ◆ Özel Araştırma Kütüphaneleri
- ◆ Üniversite Kütüphaneleri
- ◆ Ulusal/Uluslar arası organizasyonlar

Koha kullanan kütüphaneler:

Horowhenua Public Library



The screenshot displays the Horowhenua Library Trust website in an Opera browser. The main navigation menu includes links for Home, About Us, Members, Searching, Maori Resources, Kid Space, Teen Zone, and What's New. The search results page shows details for 'The fellowship of the ring' by Tolkien, J. R. R., including a subtitle, copyright information, and a table of holdings.

Search Results - Opera

http://opac.library.org.nz/cgi-bin/koha/opac-searchresults.pl

Horowhenua Library Trust - Opera

http://opac.library.org.nz/cgi-bin/koha/opac-detail.pl?bib=28144

Details - Opera

http://opac.library.org.nz/cgi-bin/koha/opac-detail.pl?bib=28144

Search Catalogue

Horowhenua Historical Database

Members can sign in here:

Cardnumber:

Password:

Go

Search the Catalogue

Go

The fellowship of the ring
(Tolkien, J. R. R.)

Place Reserve

Subtitle: being the first part of The Lord of the Rings

Copyright: 1966

Holdings Information

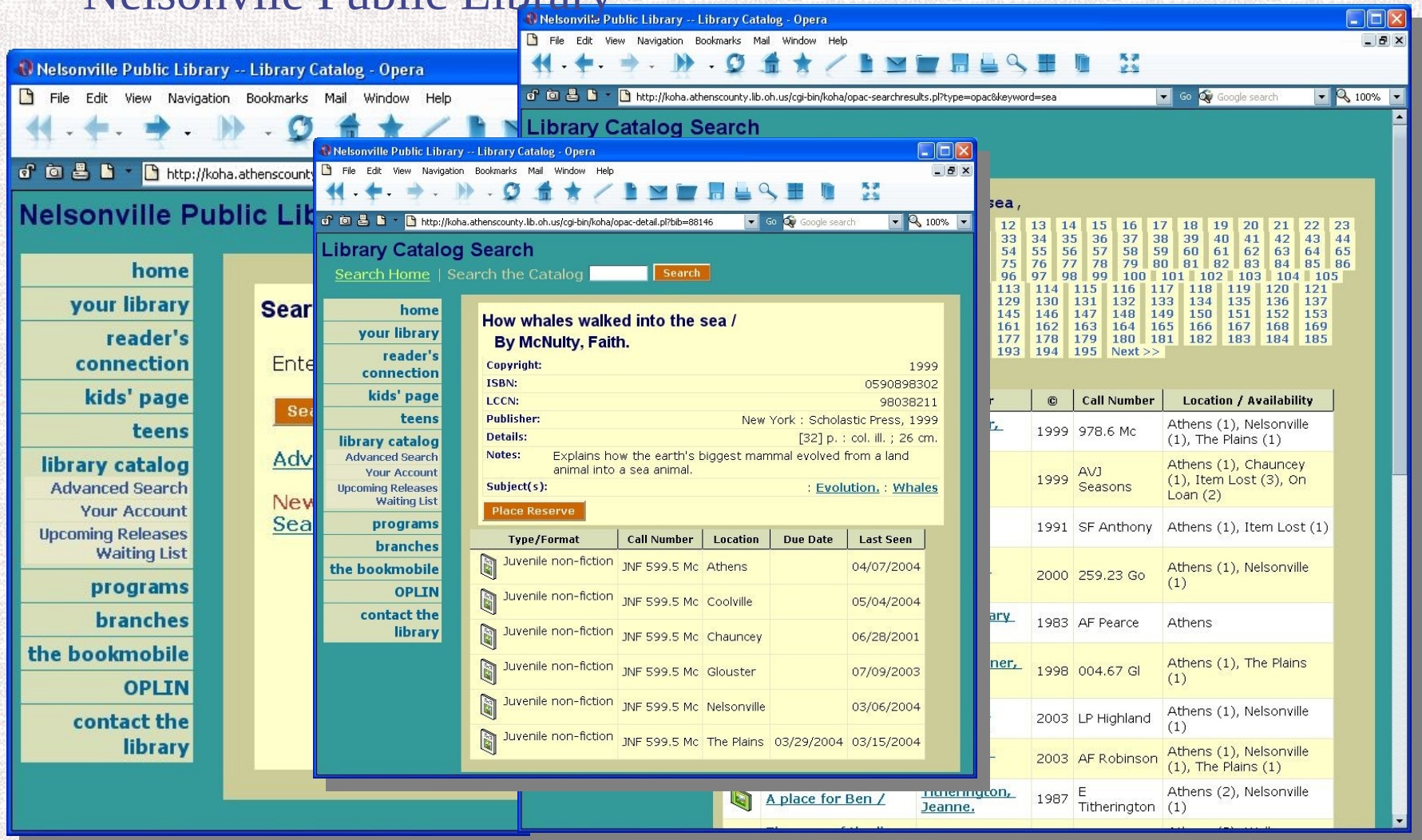
Type/Format	Class	Location	Due Date	Last Seen	Barcode
Large Print	L-Fantasy	Foxtan	31/05/2004	10/05/2004	L02303711
Adult rental DVD	m005	Levin	Available	27/04/2004	L02163218
Adult rental DVD	m004	Levin	Available	24/02/2004	L02163273
Adult Video	791.43	Levin	19/05/2004	28/04/2004	L02155225
Adult Video	791.43	Levin	26/05/2004	05/05/2004	L02155280
Adult rental video	Video	Tokomaru	Available	11/03/2004	L02155349
Adult Video	Video	Shannon	22/05/2004	01/05/2004	L02155407
Talking Books	TalkingBook	Levin	Available	13/03/2004	L0212821X
Teen novel	YoungAdult	Levin	Available	26/04/2004	L02075531
Free Fiction	F-Fantasy	Levin	17/05/2004	26/04/2004	L02072458

Main Navigation: | [About Us](#) | [Members](#) | [Searching](#) | [Maori Resources](#) | [Kid Space](#) | [Teens Zone](#) | [What's New](#)

<http://opac.library.org.nz/cgi-bin/koha/opac-main.pl>

Koha kullanan kütüphaneler:

Nelsonville Public Library



The screenshot displays the Nelsonville Public Library's Koha catalog interface. The main window shows the search results for the book "How whales walked into the sea / By McNulty, Faith." The interface includes a navigation menu on the left with links to home, your library, reader's connection, kids' page, teens, library catalog, programs, branches, the bookmobile, OPLIN, and contact the library. The search results page shows the book details, including the title, author, copyright, ISBN, LCCN, publisher, and a list of locations with their call numbers and due dates.

Library Catalog Search

Search Home | Search the Catalog

How whales walked into the sea / By McNulty, Faith.

Copyright: 1999
 ISBN: 0590898302
 LCCN: 98038211
 Publisher: New York : Scholastic Press, 1999
 Details: [32] p. : col. ill. ; 26 cm.
 Notes: Explains how the earth's biggest mammal evolved from a land animal into a sea animal.
 Subject(s): : Evolution. : Whales

Type/Format	Call Number	Location	Due Date	Last Seen
Juvenile non-fiction	JNF 599.5 Mc	Athens		04/07/2004
Juvenile non-fiction	JNF 599.5 Mc	Coolville		05/04/2004
Juvenile non-fiction	JNF 599.5 Mc	Chauncey		06/28/2001
Juvenile non-fiction	JNF 599.5 Mc	Glouster		07/09/2003
Juvenile non-fiction	JNF 599.5 Mc	Nelsonville		03/06/2004
Juvenile non-fiction	JNF 599.5 Mc	The Plains	03/29/2004	03/15/2004

Library Catalog Search

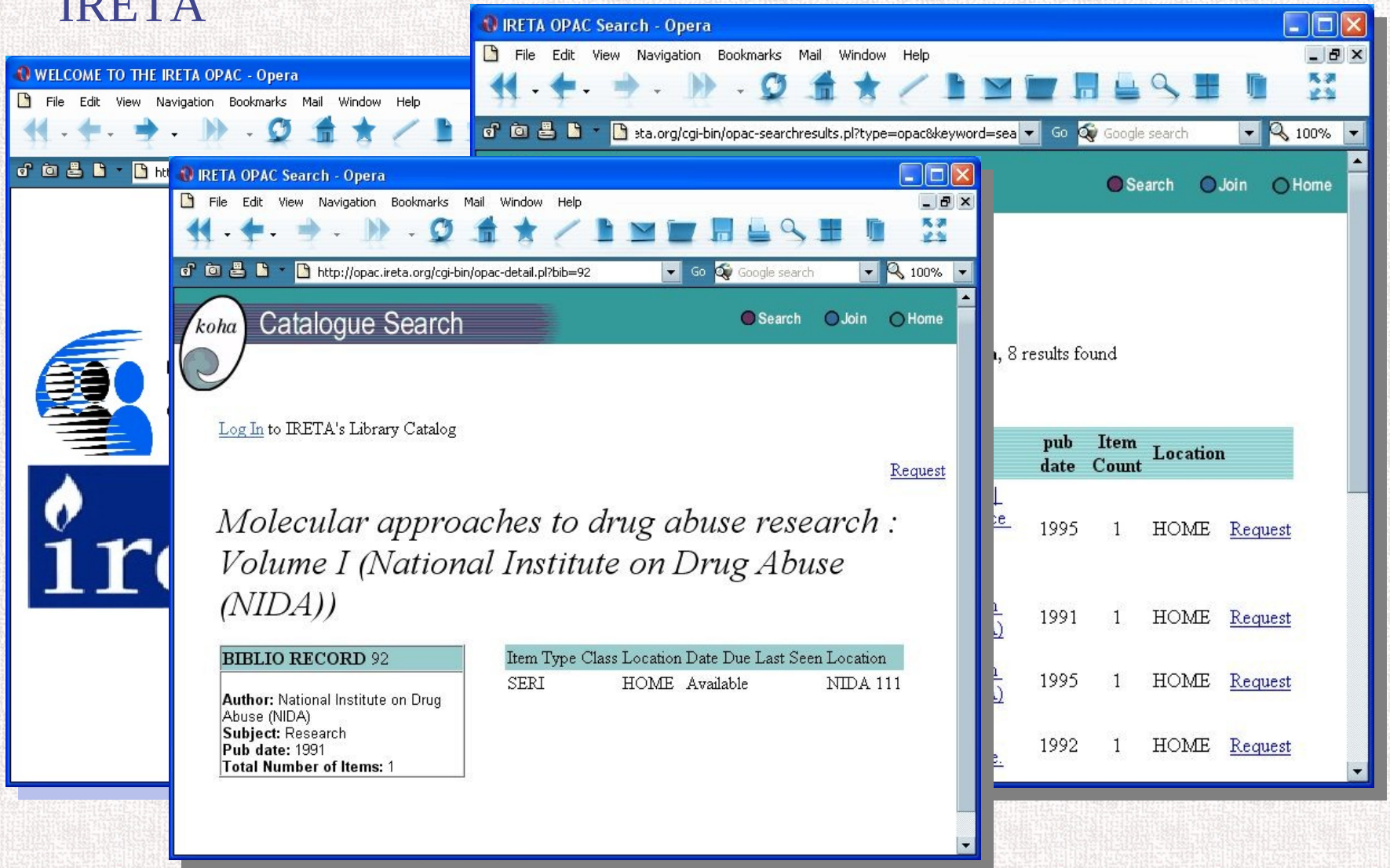
12 13 14 15 16 17 18 19 20 21 22 23
 33 34 35 36 37 38 39 40 41 42 43 44
 54 55 56 57 58 59 60 61 62 63 64 65
 75 76 77 78 79 80 81 82 83 84 85 86
 96 97 98 99 100 101 102 103 104 105
 113 114 115 116 117 118 119 120 121
 129 130 131 132 133 134 135 136 137
 145 146 147 148 149 150 151 152 153
 161 162 163 164 165 166 167 168 169
 177 178 179 180 181 182 183 184 185
 193 194 195 Next >>

	@	Call Number	Location / Availability
	1999	978.6 Mc	Athens (1), Nelsonville (1), The Plains (1)
	1999	AVJ Seasons	Athens (1), Chauncey (1), Item Lost (3), On Loan (2)
	1991	SF Anthony	Athens (1), Item Lost (1)
	2000	259.23 Go	Athens (1), Nelsonville (1)
	1983	AF Pearce	Athens
	1998	004.67 Gl	Athens (1), The Plains (1)
	2003	LP Highland	Athens (1), Nelsonville (1)
	2003	AF Robinson	Athens (1), Nelsonville (1), The Plains (1)
	1987	E Titherington	Athens (2), Nelsonville (1)

<http://koha.athenscounty.lib.oh.us/cgi-bin/koha/opac-main.pl>

Koha kullanan kütüphaneler:

IRETA



WELCOME TO THE IRETA OPAC - Opera

File Edit View Navigation Bookmarks Mail Window Help

http://opac.ireta.org/cgi-bin/opac-searchresults.pl?type=opac&keyword=sea

Google search 100%

IRETA OPAC Search - Opera

File Edit View Navigation Bookmarks Mail Window Help

http://opac.ireta.org/cgi-bin/opac-detail.pl?bib=92

Google search 100%

Catalogue Search Search Join Home

[Log In](#) to IRETA's Library Catalog

[Request](#)

*Molecular approaches to drug abuse research :
Volume I (National Institute on Drug Abuse
(NIDA))*

BIBLIO RECORD 92	Item Type Class Location Date Due Last Seen Location
Author: National Institute on Drug Abuse (NIDA) Subject: Research Pub date: 1991 Total Number of Items: 1	SERI HOME Available NIDA 111

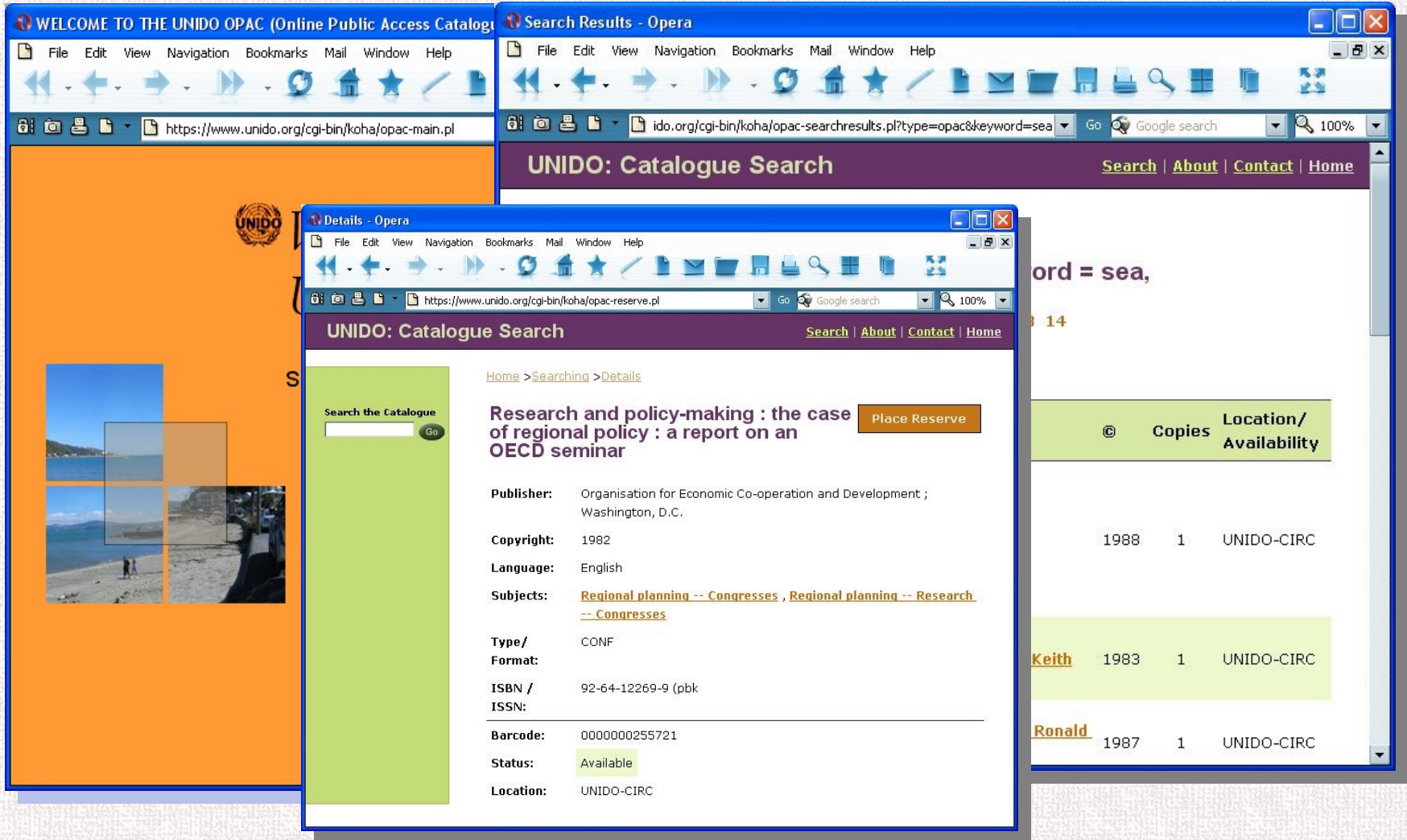
8 results found

pub date	Item Count	Location	
1995	1	HOME	Request
1991	1	HOME	Request
1995	1	HOME	Request
1992	1	HOME	Request

<http://opac.ireta.org/cgi-bin/opac-main.pl>

Koha kullanan kütüphaneler:

UNIDO



The screenshot displays the UNIDO OPAC (Online Public Access Catalog) interface. The main window shows search results for the keyword 'sea'. The details view for the selected item is as follows:

UNIDO: Catalogue Search

[Search](#) | [About](#) | [Contact](#) | [Home](#)

Details - Opera

[Home](#) > [Searching](#) > [Details](#)

Search the Catalogue

Research and policy-making : the case of regional policy : a report on an OECD seminar

Publisher: Organisation for Economic Co-operation and Development ; Washington, D.C.

Copyright: 1982

Language: English

Subjects: [Regional planning -- Congresses](#) , [Regional planning -- Research -- Congresses](#)

Type/Format: CONF

ISBN / ISSN: 92-64-12269-9 (pbk)

Barcode: 0000000255721

Status: Available

Location: UNIDO-CIRC

	©	Copies	Location/Availability
	1988	1	UNIDO-CIRC
Keith	1983	1	UNIDO-CIRC
Ronald	1987	1	UNIDO-CIRC

<https://www.unido.org/cgi-bin/koha/opac-main.pl>



Yedekleme



```
#!/bin/sh
```

```
# koha's back-up cron script
```

```
mysqldump -uXXX -pXXX koha >/home/yedek/koha/koha`date +%y%m%d`  
ncftpput -V -u USER -p XXX ftp.sunucu koha /home/yedek/koha/koha`date  
+%y%m%d`
```

Kullanıcı : kohaadmin

Yetki : chmod 600 yedek_betigi.sh

Cron : saat 05:00 – 20:00

Koha'nın Eksileri

- ◆ Süreli yayınlar
- ◆ Z39.50 sunucusu
- ◆ UNICODE Desteği
- ◆ Daha fazla rapor
- ◆ Daha fazla dokümantasyon

Koha 2.2 Yol Haritası

◆ 2.2RC1 sürüm Eylül (2004)

◆ Kararlı sürüm 2.2 Aralık

◆ Unicode desteği eklenecek

◆ OPAC

- Z39.50 üzerinden başka ktp. tarama
- MARC kayıt/Gönderme
- Virtual Bookshelf

◆ Kataloglama

- Birden fazla kataloglama ekranı, biri kitap diğeri dergi vb.
- Süreli yayınların kataloglanması
- MARC authorities/thesaurus
- Z39.50 Sunucu
- Dewey ve LC

Teşekkürler

Sorular?
Yorumlar!