Aleph-Based Course-Readings System
University of Haifa Library

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30 August – 1 September 2010
“Fair use” considerations

- Access to readings for courses taught during current academic year, plus additional semester
- Students and lecturers see only material relevant to their own courses
- ‘SUPP’ flag in Aleph prevents catalog browsing
Features

- Access via University’s Single Sign On (SSO) service
- Cooperation with University’s MIS division in receiving current information regarding courses and student registration
- Accessible from online course-management environment
Features -2-

- Use of Aleph’s course-readings module (XXX30 library) with local user interface
- User interface displays both electronic offprints and books
- Nearly 100,000 items scanned and available for courses since 1998
Development toolbox

- Redact Linux – RHEL 4, 5
- Apache Web server
- Oracle 10, 11
- SQL+, PL/SQL
- php – version 5
- shell programming (csh, bash)
- Aleph services
Processing stages in updating system

- Catalog item in bibliographic library HAI01, with links to courses in local field 902
- Scan printed material as PDF document, with name identical to system number of Aleph bibliographic record – e.g., 001647538.pdf
- Update course-readings library HAI30 with pointers to items in HAI01
Processing stages in updating system (2)

- Rebuild tables z107 (students’ course registration) and z108 (course data) based on current data from MIS
- Rebuild mapping between system numbers and disk location of scanned items
- Daily run of update procedure via C-shell script in crontab
# Sample catalog entry for offprint

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMT</td>
<td>L CF</td>
</tr>
<tr>
<td>LDR</td>
<td>L ^^^^nmm^a22^^^^^a^4500</td>
</tr>
<tr>
<td>001</td>
<td>L 001393049</td>
</tr>
<tr>
<td>005</td>
<td>L 20100701085607.0</td>
</tr>
<tr>
<td>008</td>
<td>L ^^^^^^η^~~~~~~~~~is^~~~~~~~~~eng^d</td>
</tr>
<tr>
<td>STA</td>
<td>L $$$aSUPPRESSED</td>
</tr>
<tr>
<td>0410</td>
<td>L $$$aeng</td>
</tr>
<tr>
<td>095</td>
<td>L $$aIMAGE-1393049</td>
</tr>
<tr>
<td>1001</td>
<td>L $$aSalomon, Gavriel$$g^ (offprints)</td>
</tr>
<tr>
<td>24510</td>
<td>L $$a&lt;&lt;The&gt;&gt; difficult marriage between education and technology$$h^ [offprint]$$bIs the marriage doomed?</td>
</tr>
<tr>
<td>592</td>
<td>L $$aInstructional psychology, 2006, chapter 12, pp. 209-222 [eds: Verschaffel, Lieven]</td>
</tr>
<tr>
<td>7001</td>
<td>L $$aBen-Zvi, Dani$$g^ (offprints)</td>
</tr>
</tbody>
</table>
| 902    | H $$aベン・ツヴィ, ダニ [למيدة, המורה והדרכה] - למידה ובוסיבתUTF8
danger: UTF8 ゲヴィות: 2010 - 313.4500.1.01 |
| 999    | L $$aOFFPRINT |
Flow of data from sources to Aleph tables

- HAI01/ z00
- SAP Course data
- SAP Course registration
- HAI30/ z00, z13
- HAI50/ z108
- HAI50/ z107
User interface

- Authentication via University’s SSO system
- Display of user’s courses
- Display of associated items after selection of course
- Display of PDF file (for offprints) or bibliographic data from catalog (books)
Please log in

Please enter your details.

ID Number (9 Digits): 011205887

Password: ********

Your initial password is your ID Number (9 digits)
## Course List for User: ID 021655618

Click on the name of a course to see the assigned items. Click on 'Title' or 'Author' for a sorted list.

<table>
<thead>
<tr>
<th>Department</th>
<th>Lecturer</th>
<th>Number of items</th>
<th>Course name</th>
<th>Course number</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociology and Anthropology</td>
<td>Bernstein, Karl</td>
<td>48</td>
<td>Anthropology of Memory - Trauma and Commemoration</td>
<td>204.3155.1.01</td>
<td>2016</td>
</tr>
<tr>
<td>Human Services</td>
<td>Berger, Leonard</td>
<td>45</td>
<td>The Corporate Story</td>
<td>289.3270.1.01</td>
<td>2016</td>
</tr>
<tr>
<td>Human Services</td>
<td>Vaknin, Hila</td>
<td>26</td>
<td>Practical Management Techniques</td>
<td>289.3219.2.01</td>
<td>2016</td>
</tr>
<tr>
<td>Sociology and Anthropology</td>
<td>Al-Hajj, Mustafa</td>
<td>96</td>
<td>The Social Structure of Israel</td>
<td>204.3003.1.01</td>
<td>2016</td>
</tr>
<tr>
<td>Sociology and Anthropology</td>
<td>Al-Hajj, Mustafa</td>
<td>96</td>
<td>The Social Structure of Israel</td>
<td>204.3003.1.01</td>
<td>2016</td>
</tr>
<tr>
<td>Sociology and Anthropology</td>
<td>Goldberg, Vladimir</td>
<td>0</td>
<td>Research Methods</td>
<td>204.3003.1.03</td>
<td>2016</td>
</tr>
</tbody>
</table>
Items assigned to course:
Social Gaps in Israel
Lecturer: Uzi Jacuzzi
Course number: 2010-702.2120.1.01

Click on the title to view the offprint, in PDF format. Click on 'Author' or 'Title' for a sorted list.

<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Full record</th>
</tr>
</thead>
<tbody>
<tr>
<td>The making of modern Zionism -- chapter 12</td>
<td>Avineri, Shlomo</td>
<td>001369019</td>
</tr>
<tr>
<td>The making of modern Zionism -- chapter 15</td>
<td>Avineri, Shlomo</td>
<td>001369017</td>
</tr>
<tr>
<td>The making of modern Zionism -- chapter 16</td>
<td>Avineri, Shlomo</td>
<td>001424258</td>
</tr>
<tr>
<td>The making of modern Zionism -- chapter 9</td>
<td>Avineri, Shlomo</td>
<td>001092448</td>
</tr>
<tr>
<td>Israel - a history -- chapter fifteen</td>
<td>Gilbert, Martin, 1936-</td>
<td>001510342</td>
</tr>
<tr>
<td>Israel - a history -- chapter sixteen</td>
<td>Gilbert, Martin, 1936-</td>
<td>001510343</td>
</tr>
<tr>
<td>Israel - a history -- chapter thirty</td>
<td>Gilbert, Martin, 1936-</td>
<td>001510349</td>
</tr>
<tr>
<td>Israel - a history -- chapter twenty-five</td>
<td>Gilbert, Martin, 1936-</td>
<td>001510346</td>
</tr>
<tr>
<td>Israel - a history -- chapter twenty-four</td>
<td>Gilbert, Martin, 1936-</td>
<td>001510345</td>
</tr>
</tbody>
</table>
Staff interface

Online form provides clear display of:

- all courses for lecturer or student
- details regarding specific course (name, number, lecturer, registration, items assigned)
- all courses to which a specific item is assigned

Option for manually adding lecturer/student to course
Statistics

For each item accessed, the system stores data on the transaction:

- reader’s ID number
- reader type (student, lecturer, etc.)
- course number
- lecturer’s ID number
- Aleph system number
- timestamp
- IP of client station
Usage – 2007-2010

- 1067 lecturers
- 4047 courses
- 40,556 digital offprints
- 19,270 users (students and lecturers)
- Nearly 2,000,000 requests
- Over 20% of document requests outside Library hours
Work in progress

- Interface for faculty renewal of items for upcoming academic year
- Automatic notification to lecturer after material has been added to course
- Inclusion of additional material types in electronic format
- Faculty upload of material, for review and approval by staff
Additional information available upon request

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University of Haifa Library - Israel

Presentation:  
http://aleph.haifa.ac.il/www/public/staff/yb/igelu_2010.pptx

Email: jody@univ.haifa.ac.il

Library website: http://lib.haifa.ac.il