integrating content and services for users

Ann Whiteside
Jolene de Verges
Lisa Sweeney
December 13, 2007
Developing our goal

- Have discrete services:
  - Rotch
  - Rotch Visual Collections
  - GIS Services (a shared service with OEIT, the Libraries, and IS&T)

- Rotch has a lot of content that is atypical:
  - Limited Access content
  - Maps and building plans
  - Photographs
  - Digital images, GIS, etc., etc.

- Patrons “just want stuff” and don’t care where the content comes from
Integrating content and services for users

- Changes to positions
  - consciously rewritten job descriptions to enhance integration between Rotch, Rotch Visual Collections, GIS Services
    - Images Librarian more integrated with Rotch and oversees Rotch Access unit
    - New Ref. coordinator works in GIS Lab and helps to incorporate spatial info/thinking into ISP services
    - Collections Manager is also Public Services Librarian
Examples of integration

- Merging of Rotch Processing and RVC staff – Rotch Access Group
  - Focuses on access to all materials
- RVC staff at Rotch ISP
- Digital images prepared for use in classes is similar to e-reserves

Same faculty | same TAs  
two kinds of content  
for similar uses

Rotch Circulation & Rotch Access working to create a shared process to work with faculty
Putting ideas into practice with a prototype

Hyderabad

- images and plans of Hyderabad through a project initiated by Omar Khalidi to document the city of Hyderabad, India
- Physical maps
- Digitized maps
- Catalog in image cataloging database and send to DOME, with geo-referencing
- Link to Geodata Repository to help patrons find images and GIS data in one place

![Current DOME interface](image1)
![Hyderabad Historical Palace](image2)
Collaboration

- Staff collaboration involves
  - Rotch staff
    - Aga Khan selector
    - Rotch Access staff
  - GIS Services
  - School of Architecture and Planning (SOAP) faculty member
  - STS staff
- Staff from various units bringing together expertise from different domains to create a resource that can be used by faculty and students
Possible Future Dome Search Results Page
Thanks!

- Thanks to the Rotch staff for their contributions to this presentation

- All images are from Rotch Library/ Rotch Visual Collections and the Rotch staff image archive
“bringing services together”/ “integrating services – challenges”

- Currently have Discrete services; goal to better integrate services
- Hyderabad sparked conversation – maps => natural intersection; move from casual discussions to something concrete
- Picture of limited access
- Image of ‘unique’ items
- Hyderabad content example – images and plans; digital, staff collaboration
  - pix of maps on table, physical virtual; pic of plan followed by bldg
- Making geodata repository viewable/searchable on web (geoweb)
- Incorporating spatial info/thinking into services - Gis at the ref desk; heather (how position aligned for hiring process)
- Project management/ project planning – go from a room full of brainstorming & ideas to a realistic project plan
- Training for all rotch – many small sessions
- Change positions over last year – consciously rewritten to enhance integration b/n rotch, rvc, gis – rvc at rotch isp, heather in gis lab, rotch access group regularly meeting
- This moment – pulling all together; discuss common goals for all of rotch
- Functional unit diagram – how project sits between units – oei, gis (intersecting circles), rvc rotch (intersecting circles), dlrg, Aga khan, SOAP (geodome or hyderabad project as case study for– prototype of geodome)

Consult omar on most appropriate hyderabad images
  - Former palace (sharmanat?) where roads eminate from; has plan, geo coords, correlates paper, digital and spatial
  - Opening image for rotch icon
  - Screenshot of maps in barton – small metadata records in barton, expanded metadata in dome

Dome/Stellar image tool/e-reserves
- Make visually stimulating
Image searchers in Dome are limited to searching using only text. Selecting a location on a map that leads them to images of maps, including historical (1915 Municipal Survey maps), and eventually images of sites and buildings located in the selected area adds new options for searching images.

Geo referencing images is a fairly new concept for visual resources professionals; this project not only allows Rotch and RVC to experiment and determine how best, technologically, to integrate GIS and images, but the experience we gain could be very valuable to other institutions.
Diagram of Rotch services in collaboration

- Rotch Access: Processing of physical maps, cataloging of digitized maps in IRIS, export to DOME
- Rotch Library Selectors: Acquisition and reformatting decisions
- GIS Laboratory: Georeferencing, Google Earth, tiling/layering of maps
- Libraries CAMS: Cataloging of physical maps and kodaliths
- Libraries STS: Support of IRIS and DOME servers
- MIT OEIT: Support for long term project goals including programming, dedicated server support
- MIT School of Architecture and Planning (Students and Faculty): Hyderabad site visit and studio/workshop
- Hyderabad maps: Physical and digital
timelines

- Everyone try to contribute images and ideas before next rotch planners meeting

- Discuss at next rotch planners meeting: Nov. 20

- Present at rotch all staff meeting for feedback: Dec. 6

- PS Lib all staff meeting: Dec. 13
Current
DOME Search Page

Search DSpace

Enter some text in the box below to search DSpace.

Communities in DSpace

Select a community to browse its collections.

- Rotch Visual Collections Online
Current

DOME – subject search output

<table>
<thead>
<tr>
<th>Name</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afzalqani Masjid</td>
<td>patron: Afzal ad-Dawlah Asaf Jah V (Indian (South Asian), 1827-1869) (2007-08-21)</td>
</tr>
<tr>
<td>Complex of Sultan al-Zahir Barquq in al-Qahira</td>
<td>Islamic, Egyptian (modern) (2006-11-13)</td>
</tr>
<tr>
<td>Complex of Sultan al-Zahir Barquq in al-Qahira</td>
<td>Islamic, Egyptian (modern) (2006-11-13)</td>
</tr>
<tr>
<td>Complex of Sultan al-Muayyad Shaykh</td>
<td>Islamic, Egyptian (modern); lithographer: Pascal Xavier Coste (French, 1787-1879) (2006-11-13)</td>
</tr>
<tr>
<td>Great Mosque of Aleppo</td>
<td>Islamic, Syrian (2006-10-14)</td>
</tr>
<tr>
<td>Madrasa al-Mustansiriyya</td>
<td>Islamic (2007-04-04)</td>
</tr>
</tbody>
</table>
Possible Future
Dome Search Home Page