

ANZREG 2017 Developers Day



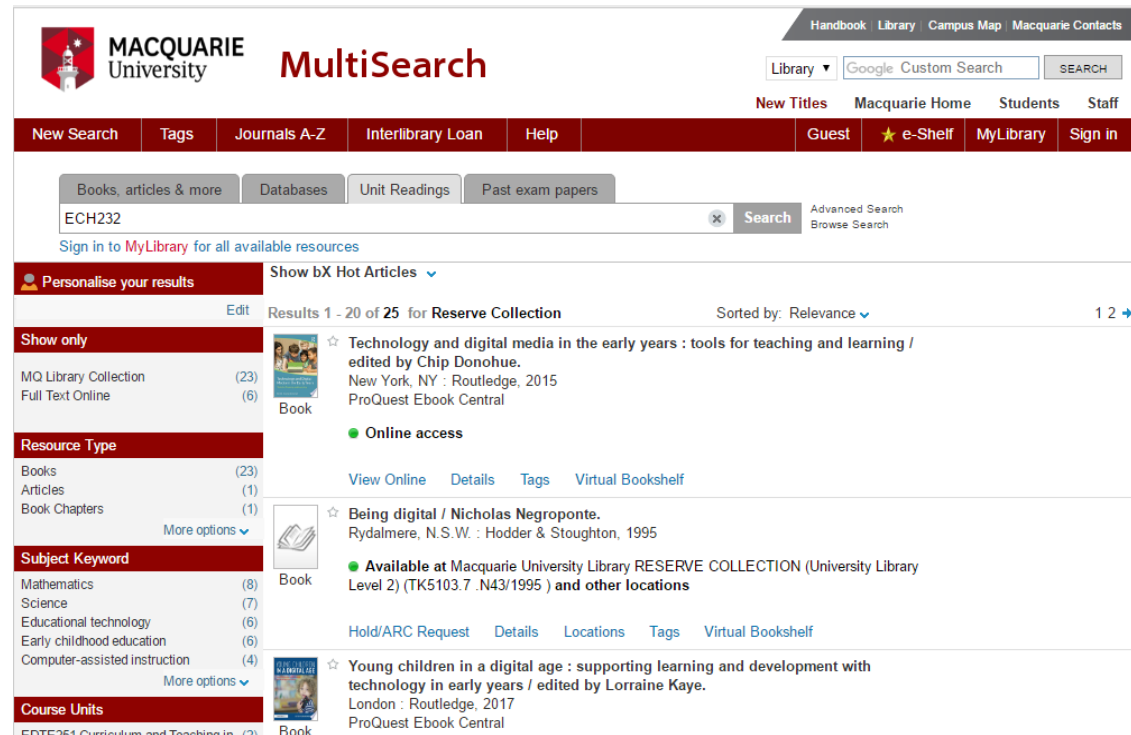
Course Synchronisation with Alma

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Macquarie University Library



CURRENT LANDSCAPE

- E-Reserve
 - Management
 - iShare (EQUELLA)
 - Discovery
 - Moodle
 - Primo (MultiSearch)
- Reserve
 - Management
 - Alma
 - Discovery
 - Primo (MultiSearch)

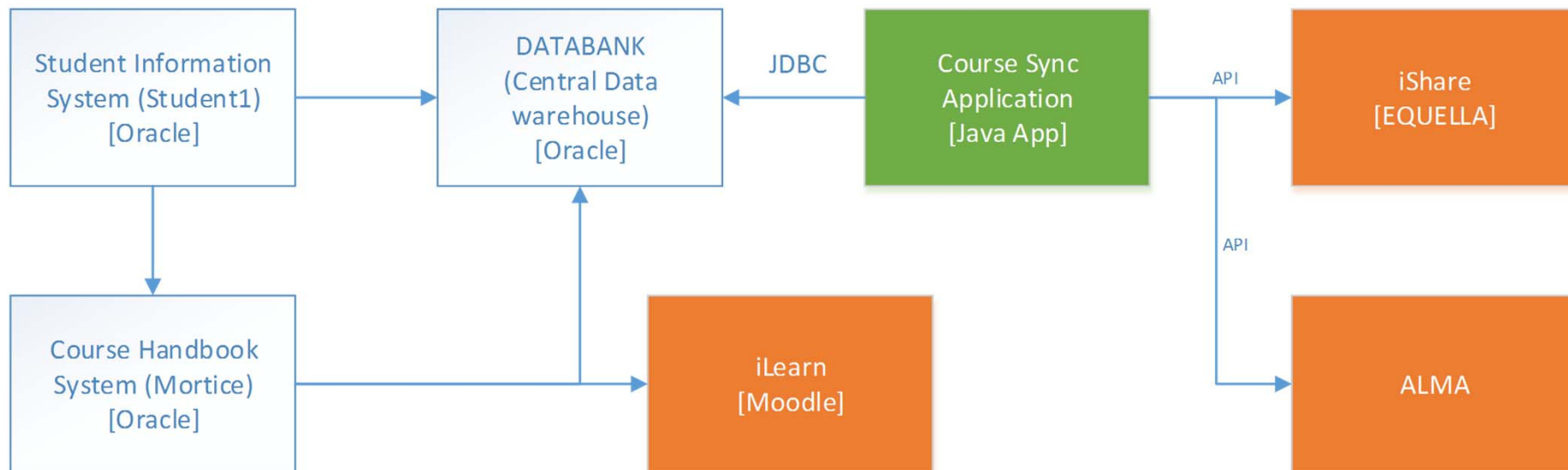


The screenshot shows the Macquarie University MultiSearch interface. At the top, there is a navigation bar with links for Handbook, Library, Campus Map, and Macquarie Contacts. Below this is a search bar with a dropdown menu set to 'Library' and a search button. A secondary navigation bar contains links for New Search, Tags, Journals A-Z, Interlibrary Loan, Help, Guest, e-Shelf, MyLibrary, and Sign in. The main search area has a search box containing 'ECH232' and a search button. Below the search box, there are filters for 'Books, articles & more', 'Databases', 'Unit Readings', and 'Past exam papers'. The search results are displayed in a table with columns for 'Personalise your results', 'Show bX Hot Articles', and 'Results 1 - 20 of 25 for Reserve Collection'. The results are sorted by 'Relevance'. The first result is a book titled 'Technology and digital media in the early years : tools for teaching and learning / edited by Chip Donohue.' The second result is 'Being digital / Nicholas Negroponete.' The third result is 'Young children in a digital age : supporting learning and development with technology in early years / edited by Lorraine Kaye.'



COURSE DATA









- iShare [EQUELLA]
 - Automated process using EQUELLA APIs
- Alma
 - Was a manual process
 - Now an automated process using Alma APIs



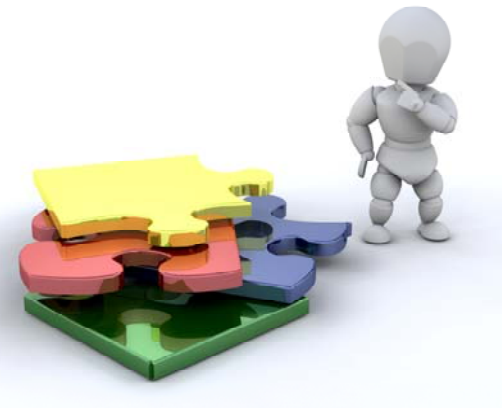
DATA – MORTICE/STUDENT1

Single Record View

Navigation: << < > >>

CODE	ACCG101	
NAME	Accounting and Governance	
START_DATE	12/FEB/17	
END_DATE	13/JUL/17	
DEPT_CODE	ACCG	
DEPT_NAME	Dept of Accounting & Corporate Governance	
ENROLLED	553	
ILEARN_CODE	ACCG101_FHFYR_2017	
PERIOD	FHFYR	
YEAR	2017	
ARCHIVED	0	
RANK	1	

Buttons: Help Cancel



DATA – ALMA

Course Code: ACCG101	Section: -	Course Name: Accounting and Governance
Processing Course Unit	Instructors: -	Number of 513 participants
Department:		

Course Information	Notes
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Code* ACCG101	Section
Name* Accounting and Governance	
Academic Department Department of Accounting and Corp	Processing Department* Course Unit
Terms list Early Autumn Session One Session Three Session Two	
Status <input checked="" type="radio"/> Active <input type="radio"/> Inactive	
Start date 12/02/2017	End date 13/07/2017
Number of participants 513	Weekly hours 0
Year 2017	
Creator Feng, Danni	Creation Date 21/02/2017

Searchable IDs	



DATA – ALMA API XML

```
<course link="/almaws/v1/courses/4016447750001021">
  <id>4016447750001021</id>
  <code>AD142</code>
  <name>Organizational Communication</name>
  <section>01</section>
  <academic_department desc="Advancing Studies">Advancing Studies</academic_department>
  <processing_department desc="Main Library Course Reserves">MAINCR</processing_department>
  <terms>
    <term desc="Autumn">AUTUMN</term>
  </terms>
  <status>INACTIVE</status>
  <start_date>2011-09-10Z</start_date>
  <end_date>2013-12-31Z</end_date>
  <weekly_hours>0</weekly_hours>
  <participants>35</participants>
  <year/>
  <instructors/>
  <searchable_ids>
    <searchable_id>AD142.X1</searchable_id>
    <searchable_id>BM052.01</searchable_id>
    <searchable_id>PS346.01</searchable_id>
  </searchable_ids>
  <notes>
    <note>
      <content>Instructor: Chevarley, Joseph</content>
      <creation_date>2012-06-11Z</creation_date>
      <created_by>EX_LIBRIS</created_by>
    </note>
  </notes>
</course>
```



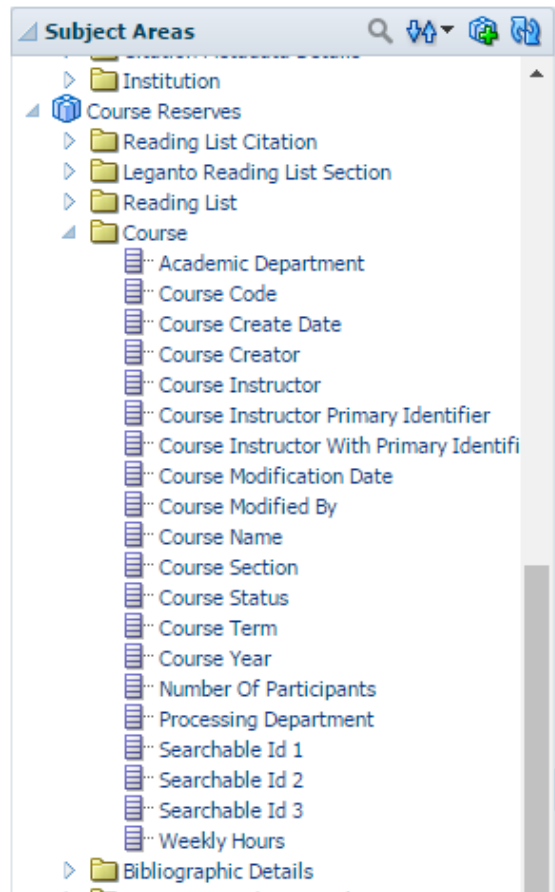
DATA – ALMA FYI

A few pieces of relevant information for us:

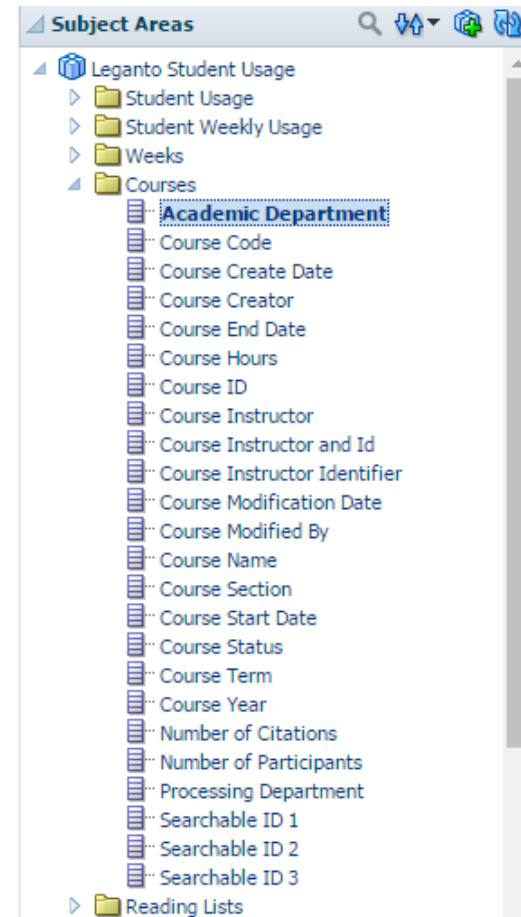
- Course Code + Section are unique
- Section
 - “Courses can be divided into sections to better organize resources and activities for students. Each section may be taught by a different faculty member, have a separate description, and contain as many resources as the faculty member requires.” – Alma Documentation
- Course Code displays in Primo facets
 - If Section is present, then the facet becomes Code.Section
- Terms is a fixed code table with ~~17~~ 67 possible values

ALMA OBIEE

Course
Reserves



Leganto
Usage



APPLICATION

- Standard application stack
 - Maven
 - Java
 - JAXB
 - https://developers.exlibrisgroup.com/resources/xsd/rest_courses.xsd
 - Jersey
 - JDBC
- Scheduled every 2 days
- Multi threaded – takes ~2 minutes to run



ISSUES TO RESOLVE

- Unique code [+section] – move to EQUILLA format
 - Increases analytics granularity
 - Should enable linking of Moodle to Alma courses (Leganto) via LTI
- Searchable IDs not working
 - need to fix Primo mapping rules
- Reporting capabilities with regards to CAL auditing – will have to wait and see how the copyright functionality works



Questions + Discussion

