Intro to CUNYfirst for Query Developers

March 26, 2014
Agenda

I. Base Navigation
II. CEMLI Search
III. Select Data Concepts in CUNYfirst
IV. Q & A
CUNYfirst Data Sources and Reporting
(distribution over next few years)

**Data Marts and ExMarts (GUQ):**
Allows Ad Hoc Queries and QAS by Authorized Functional Specialists
Central Office Developed and Maintained
Housed in EPM or ADW

**Queries & Reports:**
Life Cycle Management
Gradually Migrated to Reporting

**Interfaces to Shadow Systems & External Systems:**
Relatively Static
Primary Users are IT

**Decision Support/ BI:**
Standardized Architecture
Standardized Development Tools
Interchangeable Skill Set
End User Focused

CUNYfirst reporting stabilization and meta layer refinement period.
CEMLI Search – Repository

- Repository of information
- Reports
  - Delivered
  - Custom
- Queries

- Organized by
  - Pillar
  - Module
Navigate to: **CUNY > CEMLI Search**
CEMLI Search Results

<table>
<thead>
<tr>
<th>CEMLI Id</th>
<th>CEMLI Name</th>
<th>CEMLI Type</th>
<th>Pillar</th>
<th>Module Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>R891</td>
<td>Admissions Interface Audit Rpt</td>
<td>Report</td>
<td>CS</td>
<td>Admissions</td>
</tr>
<tr>
<td>New Terminology</td>
<td>Description</td>
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<tr>
<td><strong>Career</strong></td>
<td>Undergraduate, Graduate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Program</strong></td>
<td>Degree type (AAS, BA)</td>
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<tr>
<td></td>
<td>Can be Non Degree</td>
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</tr>
<tr>
<td><strong>Plan</strong></td>
<td>Discipline (Accounting)</td>
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<tr>
<td><strong>Sub-Plan</strong></td>
<td>Concentration</td>
<td></td>
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</tr>
<tr>
<td><strong>Term</strong></td>
<td>One or more sessions</td>
<td></td>
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<tr>
<td><strong>Enrollment</strong></td>
<td>Registration</td>
<td></td>
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<tr>
<td><strong>Units</strong></td>
<td>Credits</td>
<td></td>
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<tr>
<td><strong>Service Indicators</strong></td>
<td>Holds</td>
<td></td>
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</tbody>
</table>
• Employee ID
• Also called personid
• PS definition is 11 digits but CUNY is only using 8
• Same emplid for life (prospect, admit, student, alumni, employee and retiree)
New Paradigm SSN

• No fake SSN’s
• UAPC assigned ones are loaded to LID of type UAP
• If no valid SSN, there will be none in nationalID where national_id_type = ‘PR’ (primary) AND country = ‘USA’ (U.S. citizen)
Academic Terms (Semesters)

A time period within which sessions are defined, students are billed, and statistics are accumulated.

- Term values are numeric codes, which are sequential in order for sorting and reporting purposes.
  - 1149 = Fall 2014
    - Century, Year (2 digits), Term
- There are sessions within terms (WIN, etc.)
Program Plan Stack

- Careers are Undergraduate, Graduate, ULAG, UKCC, etc.
- Programs are degree types
- Plans are majors & minors
- Sub-plans are concentrations
- Many data elements have a full history:
  - effective dated
  - effective sequenced
Effective Dating

• Some PeopleSoft/CUNYfirst data fields are “effective dated”

• Think of this as a “date stamp” to be attached as an attribute of the field of when it will take effect (not when it was entered)
  
  Max effdt less than or equal to sysdate
Effective Sequencing

- Some items are also effective sequenced
- The first value is 0, then sequenced
- Each value can be active or inactive
Student Career Number

• To allow program plan tracking across a student’s CUNY history there is a career number
This is the current logic I recommend for determining the current plan (also called major):

- Most recent eff_dt - Effective Date (this is for the program, hierarchically above the plan)
- Highest eff_seq - Effective Sequence (it was suggested that if it is there always use it)
- Most recent declare_dt - Declare Date (plan declaration date)
- Highest stdnt_car_nbr - Career Number (older completed degrees (careers) should have a completion_term)
Service Indicators: Positive & Negative

Positive:

- Mainly used for administrative tracking purposes.
  Examples:
  - Eligibility for certain Financial Aid programs
  - Veterans Benefits
  - International Student Services

Negative:

- Prevent students from services such as enrollment.
  Examples:
  - Student Must Meet with their Advisor (Advisor Flag)
  - Unpaid Tuition from Previous Term
  - Fee Holds (e.g. Library, Residence Halls)
Student Groups

- Allow for the tracking of students based on a group or classification they belong to (Honors, Veterans, International Student)
- Allows for selection of students through most major processes (Financial Aid Packaging, Tuition Calculation, Matriculation)
- Not the best tool to support transactional processing
Bio Demo Types

• Some data elements (name, address, phone, etc) are associated with types:
  – Legal
  – Home
  – Campus
  – Work
  – Billing