



Data Warehouse Student Data User Group Meeting

October 4, 2018

Data Warehouse Student Data Users Group

Agenda

- Business Objects Upgrade to BI4.2 – New features demonstration
- Preview of the new Curriculum Management data collection
- NGSS Project Updates – Student Records & Financial Aid
- DW Development schedule for new Student data collection

Business Objects BI4.2 - New Features

- ❑ Ability to reference cells (like Excel)
- ❑ Geo mapping feature – by Country Name or GPS coordinates
- ❑ Merge variables (not just universe data elements)
- ❑ Instructions for some of the new features here:
 - [Recycle Bin](#) for deleted report recovery
 - [Geo Mapping](#)
 - [Reference Cells](#) (similar to excel)

Business Objects BI4.2 - New Features

- Recycle Bin – can recover deleted Webi documents
- Parallelized data providers – shortens query execution time
- You can maximize the Query Panel to fit the whole screen and it remembers that you did it next time you go in.
- You can also turn off the data preview if you want and toggle it back on only when you need it (rather than each time).

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Business Objects BI4.2 - Fixes

- ❑ HTML Parity – Things previously only available in Java are now available in HTML mode
 - Creating and editing subqueries
 - Data Access > Tools tab and related functions:
 - Changing a query's source universe
 - Exporting query data
 - Custom formatting of numbers in tables
 - Conditional formatting options

- ❑ Firefox – No longer get "JavaScript error while calling onChangeDocID" when trying to create a new document

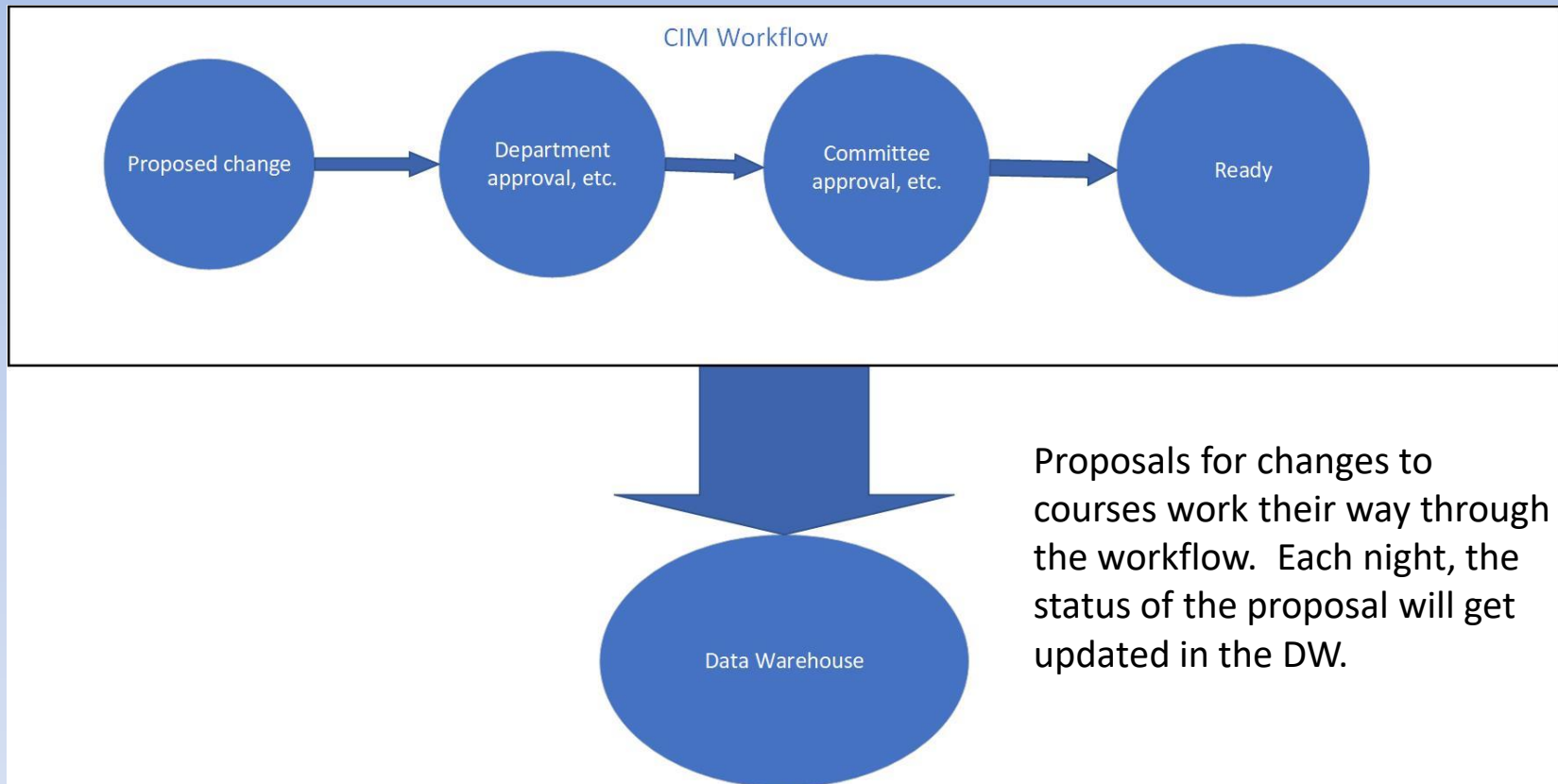
- ❑ More details in ***Miscellaneous & Browser Troubleshooting*** section at <https://www.isc.upenn.edu/businessobjects-tips-faqs>

Curriculum Management data collection

- CIM is a **course inventory** and **curriculum** management platform, with customized online forms and automated workflows, designed to ensure accuracy across an institution's courses and programs.
- Currently pilot/testing with School of Arts & Sciences
- Vendor name: Leapfrog
- For the next couple of years, CIM will be sending data to and receiving data from SRS.
- CIM will interface with Banner when Pennant Records goes live.
- In the Data Warehouse, the data collection will be in the DWCAT_CM schema, and all tables will start with CM_
- The data collection, including a new Business Objects universe, will go into production later this year.

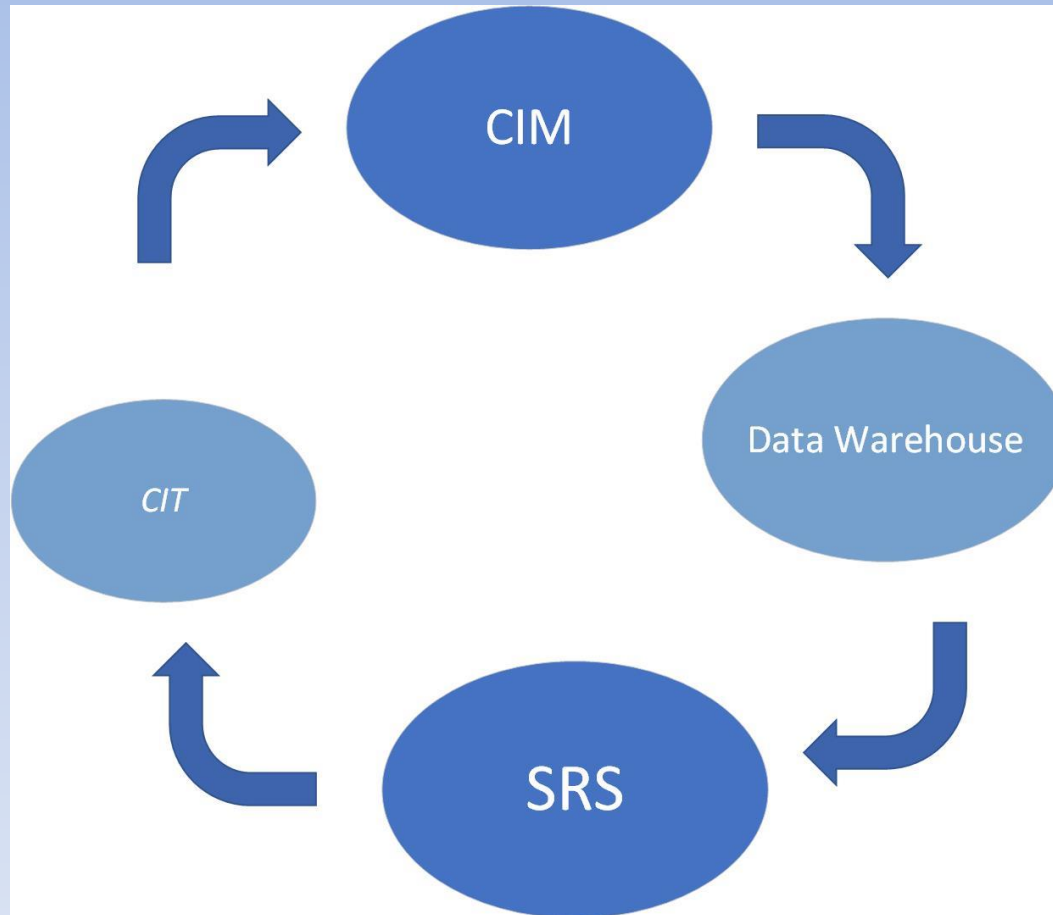
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Curriculum Management data collection



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Curriculum Management data collection

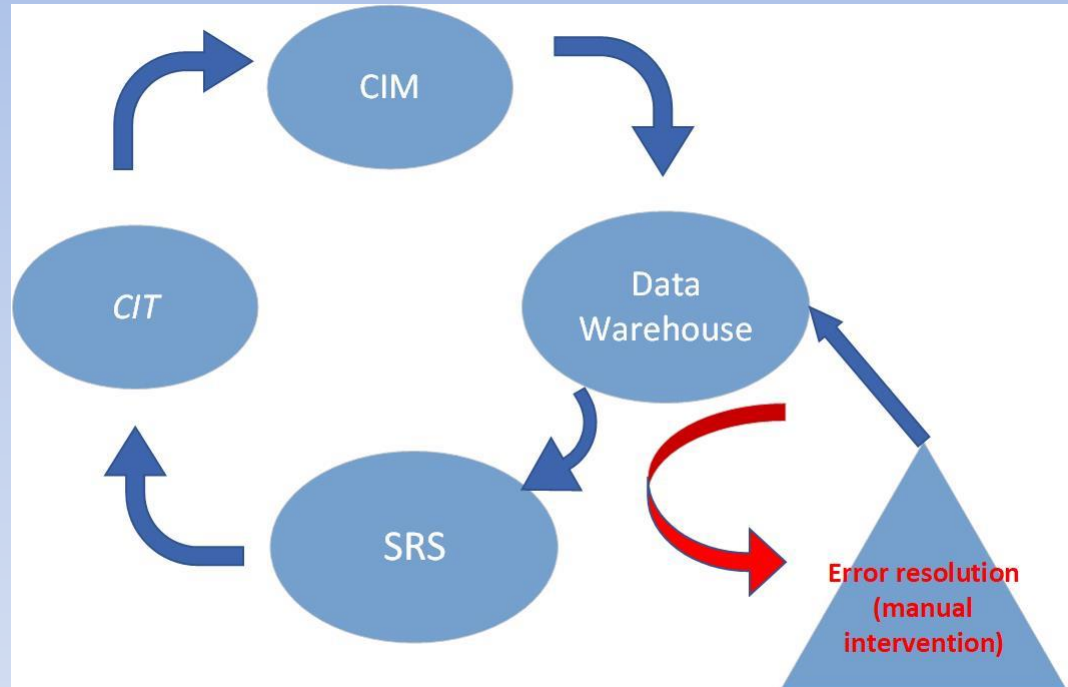


As soon as the nightly update sends a “ready” status, another job picks up the record from the DW and sends it to SRS.

From there, a batch load from SRS goes first to Courses in Touch, and then back to CIM.

Curriculum Management data collection

If the “ready” record has a problem that prohibits it from passing through the bridge, it will go into an error status, and a notification will be sent to the designated person(s), with information about the error. The error will need to be resolved in CIM, and the error resolution site will need to be manually updated, indicating the record is once again ready to be sent.



NGSS Project Updates

Fall 2020 – 1st major release

Pennant Records

- Course Catalog
- Exam and Event Scheduling
- DW course inventory components replaced with new course catalog data, including crosswalk data for old to new course numbering

Financial Aid

- Tracking, Packaging, Notification for incoming Fall 2021 Students

NGSS Project Updates

Spring 2021 – 2nd major release

Pennant Records

- Person and Student Management
- Academic History and Transcripts
- Fee Assessment
- Degree Planning and Audit
- Transfer Credit
- Student Self Service
- Advanced Registration for Fall of 2021

NGSS Project Updates

Spring 2021 – 2nd major release (continued)

Pennant Records

- Last class graduates from SRS Spring 2021
- Replace remaining student DW components with Banner-sourced data
- 1-time conversion of students not converted into Banner into the new student DW

Financial Aid

- Tracking, Packaging, Notification for continuing students
- Compliance, end of year reporting

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DW Development schedule new Student collection

Note – For Student only, Financial Aid TBD

- ❑ December 2018: preliminary design of new student DW complete and reviewed with DW working group
- ❑ Spring 2019: broader review of new student DW design with Student Data User Group
- ❑ December 2019: (Depends on development conversion schedule)
Full load of both converted and non-converted data in new student DW structures in Test environment

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Wrap Up

- Questions on topics presented today?
- Other topics / Suggestions for future meetings?