

Decision Support Release Notes

Release 2006-06

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1. Catalog & Schedule

1.1 Correction to Universe Join for Cross-Listed Courses

Products Affected: Catalog & Schedule BusinessObjects Universe

Universe Affected: EDW – STU – Course Schedule

Case Number: 20060221_204

Date Implemented: June 15, 2006

Description: Decision Support has corrected a universe join used by the Schedule universe for cross-listed course data. Previously, reports combining data about cross-listed courses with regular courses were returning incomplete results. NULL cross-listed course data was being incorrectly removed from reports of this type. To correct the error, Decision Support has changed the current join between T_CROSS_LIST_SECT and T_CROSS_LIST_ENRL_INFO used in this universe with a corrected outer join.

2. Finance

2.1 Change Processing Logic for Accounts Payable & Purchasing Address Data

Products Affected: Finance EDW Tables (T_BLANKET_ORD, T_INV_VCHR, T_PO, T_REQ)

Universe Affected: N/A

Case Number: 20050218_164

Date Implemented: June 6, 2006

Description: Previously, the processing logic used to populate address data associated with Accounts Payable and Purchasing data in the Data Warehouse filters for a current address. Therefore, in cases where an associated Invoice, Purchase Order, Requisition, or Blanket Order address has been marked as 'Inactive' in the Banner system, no address data will appear in the Data Warehouse.

In order to provide complete address data for Accounts Payable and Purchasing data, Decision Support modified the processing logic for these tables to ensure that the address associated with the purchasing document is populated in the Data Warehouse, even if that address record is marked 'Inactive' in the Banner source system.

This change will affect the Blanket Order (T_BLANKET_ORD), Invoice Voucher (T_INV_VCHR), Purchase Order (T_PO), and Requisition (T_REQ) tables.

2.2 Add Grant Start/End Date Objects to C-FOAPAL Universe

Products Affected: Finance BusinessObjects Universe

Universe Affected: EDW – Finance – C-FOAPAL

Case Number: 20060323_339

Date Implemented: June 15, 2006

Description: To facilitate Grant reporting using the C-FOAPAL universe, Decision Support has added two new objects for Grant Start Date and Grant End Date to the C-FOAPAL universe, in the Grant Fund sub-class of the Fund class. Users may use these new objects to report on start or end dates of grant funds.

2.3 Add Concatenated CFOAP Object to Grants Universe

Products Affected: Finance BusinessObjects Universe

Universe Affected: EDW – Finance – Grants Streamlined

Case Number: 20060407_401

Date Implemented: June 15, 2006

Description: To facilitate simplified reporting on CFOAP strings with Grant information, Decision Support has added a new Concatenated CFOAP object to the Grants Streamlined universe. Users may use this new object to include all elements of relevant CFOAP strings in their Grants reports.

2.4 Modify Data Access for HR Users

Products Affected: HR Oracle Security Roles

Universe Affected: N/A

Case Number: 20060609_164

Date Implemented: June 15, 2006

Description: In preparation for an upcoming Decision Support project implementation, Decision Support has added additional data access to users with HR Oracle security roles. Users who create data warehouse reports using an ODBC tool may notice they have access to additional data warehouse tables.

Beginning June 15, 2006, HR users with an Oracle security role of HR_FIN_USER, HR_HR_USER, HR_EXEC_USER, HR_MGR_USER or HR_QUERY_ALL have access to these additional finance tables:

T_ACCT_INDEX_CD_HIST
T_COA_CD
T_FIN_ACCT_CD
T_FIN_ACCT_CLS_CD
T_FIN_ACCT_CTRL_HIST
T_FIN_ACCT_TYPE_CD
T_FIN_ACTV_CD
T_FIN_FUND_CD
T_FIN_FUND_TXT
T_FIN_FUND_TYPE_CD
T_FIN_PGM_CD
T_FISC_PERD_CD
T_FY_CD
T_LOCN_CD
T_ORG_CD

3. HR/Payroll

3.1 New Security View for Paycheck Document Data

Products Affected: HR Security View (V_PAYR_PAY_CHK_DOC)

Universe Affected: EDW – HR – Payroll

Case Number: 20050927_207

Date Implemented: June 15, 2006

Description: Decision Support has implemented a new security view for the Paycheck Document data in the Data Warehouse. The new view, V_PAYR_PAY_CHK_DOC, includes data for EDW Person ID, Payroll ID, Payroll Number, Payroll Pay Check Doc Dt, Payroll Pay Check Doc Type Desc, Payroll Sequence Number, and Payroll Year.

The view has been granted to users with the HR_MGR_USER and HR_FIN_USER security roles, and is now utilized by the Payroll universe. Users with the HR_QUERY_ALL, HR_HR_USER, and HR_PAY_CUST security roles will continue to have access to the entire T_PAYR_PAY_CHK_DOC table directly via ODBC.

3.2 Correct Universe Join for Race/Ethnic Code/Description Data

Products Affected: HR BusinessObjects Universes

Universe Affected: EDW – HR – Employee Administration
EDW – HR – Position/Job Hierarchy

Case Number: 20060109_383

Date Implemented: June 15, 2006

Description: Decision Support has corrected the universe join for Race/Ethnic Code and Description data in the universes listed above. The previous join caused performance degradation and temp space errors in some reports. The corrected join will improve performance.

The logic for the corrected join is:

```
select V.* , T.RACE_ETH_DESC
from V_EMPEE_RACE_ETH_HIST_5 V, T_RACE_ETH_CD_HIST T
where T.RACE_ETH_CD=t.RACE_ETH_CD
and T.PERS_RACE_ETH_CUR_INFO_IND = 'Y'
and T.RACE_ETH_CD_CUR_INFO_IND = 'Y'
```

3.3 Load Budget Development Data & Establish Annual Load Schedule

Products Affected: HR EDW Tables (T_BUDGET_DVLP_DETL)

Universe Affected: N/A

Case Number: 20060323_45

Date Implemented: June 15, 2006

Description: On June 15, 2006, Decision Support performed a manual load of the Banner Salary Planner data into the Data Warehouse Budget Development Detail table (T_BUDGET_DVLP_DETL). Data for the 2007 Salary Planner process is now available.

In addition, Decision Support has established an annual schedule for loading this data into the Data Warehouse. In the future, the data will be loaded once each year on the evening of Sept 15th.

3.4 Change Faculty Tenure Effective Date Object Name and Correct Faculty Tenure Universe Join

Products Affected: HR Business Objects Universes

Universe Affected: EDW – HR – Employee Administration
EDW – HR – Time & Attendance

Case Number: 20060125_825

Date Implemented: June 15, 2006

Description: Decision Support has changed the name of the Faculty Tenure Effective Date universe objects to Tenure On Date. The new name matches what users see in the Banner source system. Data for this column/object continues to be sourced from the Banner table PEAFACT and the EDW table/column T_FAC_TENURE_HIST.FAC_TENURE_HIST_EFF_DT.

Users who have created Business Objects reports using the Faculty Tenure Effective Date object must modify existing reports to use the newly named Tenure On Date object. Reports using the Faculty Tenure Effective Date object will no longer return results, effective June 15, 2006.

In addition, Decision Support has corrected a universe join used by the Employee Administration universe for faculty tenure data. Previously, some reports combining faculty tenure data with additional job information returned incomplete results. To correct the error, Decision Support changed the join between T_FAC_TENURE_HIST and T_JOB to a corrected outer join.

4. Pre-Registration & Registration

4.1 Change Sourcing for EDW Views to Include Students Eligible to Register

Products Affected: Student EDW Views

Universe Affected: N/A

Case Number: 20060131_784

Date Implemented: June 15, 2006

Description: The EDW views listed below previously enabled ODBC users to report on registered students only. In order to facilitate reporting on students who are eligible to register, but who have not yet done so, Decision Support changed the view sourcing from the T_STUDENT_TERM table (registered students) to the T_STUDENT_HIST table (registered students and students eligible to register). Previously, only users with access to T_STUDENT_HIST could create reports on students eligible to register using very complicated logic via ODBC. Now, users with access to any of the below views may report on registered and eligible to register students via ODBC using the updated EDW views.

Specific views affected by this change are:

- V_EMAIL_ADDR_PRR
- V_HS_HIST_PRR_DIR
- V_HS_HIST_PRR_FULL_LTD
- V_HS_SUBJ_PRR_FULL_LTD
- V_PERS_HIST_PRR
- V_PERS_HIST_PRR_DIR
- V_PERS_HIST_PRR_FULL_LTD
- V_PERS_PRR
- V_PERS_RACE_EHIST_PRR_FULL_LTD
- V_PRIOR_COLL_HIST_PRR_DIR
- V_PRIOR_COLL_HIST_PRR_FULL_LTD
- V_PRIOR_DEG_HIST_PRR_DIR
- V_PRIOR_DEG_HIST_PRR_FULL_LTD
- V_PRIOR_MAJ_HIST_PRR_FULL_LTD
- V_PRIOR_MIN_HIST_PRR_FULL_LTD
- V_STUDENT_CRS_REG_HIST_PRR_DIR
- V_STUDENT_INTL_INFO_HIST_PRR
- V_TELE_HIST_PRR

4.2 Add Logic for New Withdraw Codes to Drop/Delete/Registered Indicator Logic

Products Affected: PRR Business Objects Universes
Registration Census Business Objects Universe

Universe Affected: EDW – STU – Registration Complete
EDW – STU – Registration Census
EDW – STU – Registration Limited

Case Number: 20060224_491

Date Implemented: June 15, 2006

Description: Three new codes for course withdrawals have been added to the Banner system. To accommodate these new codes, Decision Support has updated the logic used to populate the derived field Drop/Delete/Registered Indicator. Students who have a WA (Wdrw Sumr Stu No W by 10 Day), WB (Wdrw Sumr Stu No W after 10 Day), or WC (Wdrw Sumr Stu W recorded) will now return a value of Withdrawn in reports using the Drop/Delete/Registered Indicator in the universes listed above.

The complete logic used to populate this universe object is:

```
Case When
EDW.V_RS_STUDENT_CRS_INFO_LTD_RSTR.CRS_REG_STATUS_CD in
('DC','DD','DN','DS','DW') or
(EDW.V_RS_STUDENT_CRS_INFO_LTD_RSTR.STUDENT_CRS_REG_CUR_INFO_IND='D' and
EDW.V_RS_STUDENT_CRS_INFO_LTD_RSTR.CRS_REG_STATUS_CD in ('RE','RW','RH'))
Then 'Dropped' When
EDW.V_RS_STUDENT_CRS_INFO_LTD_RSTR.STUDENT_CRS_REG_CUR_INFO_IND='Y' and
EDW.V_RS_STUDENT_CRS_INFO_LTD_RSTR.CRS_REG_STATUS_CD in ('RE','RW','RH' )
Then 'Registered' When
EDW.V_RS_STUDENT_CRS_INFO_LTD_RSTR.CRS_REG_STATUS_CD='WL' Then 'Wait List'
When EDW.V_RS_STUDENT_CRS_INFO_LTD_RSTR.CRS_REG_STATUS_CD='EX' Then 'GIS
Extension' When EDW.V_RS_STUDENT_CRS_INFO_LTD_RSTR.CRS_REG_STATUS_CD='CN'
Then 'Cancelled' When EDW.V_RS_STUDENT_CRS_INFO_LTD_RSTR.CRS_REG_STATUS_CD
in ('AC','AO','AS','AU','AX') Then 'Audit' When
EDW.V_RS_STUDENT_CRS_INFO_LTD_RSTR.CRS_REG_STATUS_CD in
('WA','WB','WC','WN','WS','WW','WX','WZ') Then 'Withdrawn' Else 'Anomaly'
End = 'Anomaly'
```


5. Recruiting & Admissions

5.1 New Max Test Score Table

Products Affected: Recruiting & Admissions BusinessObjects Universes

Universe Affected: EDW – Current Applicant
EDW – Current Recruit

Case Number: 20040123_318

Date Implemented: June 6, 2006

Description: Previously, the Max Test Score objects available in the Current Applicant and Current Recruit universes executed SQL code to compute Max Test Scores for each query or report that is run in the universe. The logic to compute these results was complex, and resulted in excessively long query times and unacceptable performance in many cases. To provide improved performance on reports computing Max Test Score data for recruits and applicants, Decision Support has added a new Max Test Score table to the EDW.

This new table contains a single row for the Max Test Composite Score per test per student, with an additional row for each of the component scores (i.e., ACT Math, Science, and Reading; and SAT Mathematics and Verbal) associated with the Max Test Composite. Additionally, the table contains a single row for the highest ACT and SAT sub-score and ACT/SAT equivalency score. The High Scores for ACT and SAT component scores may be associated with tests different than the test used to determine the Max Test Composite Score. Max and High scores are differentiated in the table using the Test Type column.

The universes listed above have been modified to use the new table as the source for the following objects:

- Max ACT Test - Composite Score
- Max ACT Test - English Score
- Max ACT Test - Math Score
- Max ACT Test - Reading Score
- Max ACT Test - Science Score
- Max ACT Test - Date
- Max Test - Equiv Indicator ("Y" if this is a calculated equivalent from an SAT test)
- High ACT Eng. Test Score
- High ACT Eng Test Date
- High ACT Eng. Equiv Ind
- High ACT Math Test Score
- High ACT Math Test Date
- High ACT Math Equiv Ind
- High ACT Reading Test Score
- High ACT Reading Test Date
- High ACT Reading Equiv Ind
- High ACT Science Test Score
- High ACT Science Test Date
- High ACT Science Equiv Ind
- Max SAT Test - Combined Score
- Max SAT Test - Mathematics Score
- Max SAT Test - Verbal Score
- Max SAT Test - Date
- High SAT Mathematics Test Score
- High SAT Mathematics Test Date
- High SAT Verbal Test Score
- High SAT Verbal Test Date