

FIN AID & HR/PAYROLL INTEGRATION: The Missing Link

Presented by: Mary T. Vona Connecticut College Wednesday, April 14, 2010 Session ID 0976

Session Rules of Etiquette

- · Please turn off your cell phone/pager
- If you must leave the session early, please do so as discreetly as possible
- Please avoid side conversation during the session

Thank you for your cooperation!

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Introduction

- The purpose of this presentation is to explain how Connecticut College eliminated the task of duplicating data entry of Student Employment Authorizations in the Human Resources – Position Control Functional modules.
- · Added Value
 - (1) Data Integrity- No more inaccurate data entry
 - (2) Cost Savings- No more data Entry!

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AGENDA ITEMS- WHAT YOU SHOULD KNOW Terminology · Functional owner · Financial Aid -What tables should you understand? Payroll and Position Control -What do I have to Insert? Update? · Scope of Solution -From where will the data come? -Know your form triggers · Developing the Process —Show and Tell 4 Cont. Agenda Items · Where to begin? At the end of course! —The look and feel of a JOB data entered in to the Form as oppose to a JOB generated d via the process. Hint: Leave no traces behind! · Exceptions -Are there any? Yes! Let's talk Exception Block coding What are the challenges and pitfalls to fitting a solution that crosses two modules? —Lessons Learned 5 Session ID 0976 **TERMINOLOGY** in terms of Banner application software · SEAR / SEA -RJRSEAR Record (Form RJASEAR) -Student Employment Authorization PLACE CODE —Financial Aid's term for Organization Code • EMPL PEBEMPL Record (Form PEAEMPL) Job(s) -NBRJOBS Record (Form NBAJOBS) LD -Labor Distribution · Base Job -NBRBJOB record (Form NBAJOBS- First Canvas) · Contract Type (Primary, Secondary)

KNOW YOUR FUNCTIONAL OWNER: Who Will Run This Job?

- Your functional owner will a stakeholder. Make them understand the proposed solution, then lasso them into drawing up the specifications for the job.
- · Consider this: Some larger schools may have FinAid perform this function.
- · The functional owner will help define what would shake out as an exception.
- Bring HR and FinAid together and for weekly meetings: learning each other's business processes and timings. Financial Aid has big impact on what happens in the HR/Payroll processes. Timing is everything!

FIN AID TABLES- UNVEIL THE MYSTERY FOR HR FOLKS

- · Overview of Tables for this Solution
 - RORTPRD
 - · Get your start and stop dates
 - Join rortprd_aidy_code = v_aidyear

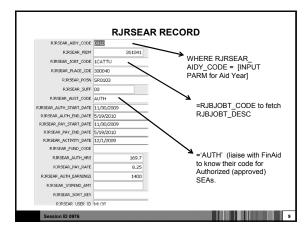
-RJRSEAR

- · Primary table to pull data from for each Student Employment Authorization.
- · Join rjrsear_auth_start_date >= v_aidy_start AND rjrsear_aidy_code = v_aidyear

-RJRJOBT

- Job Title Table holds the description of the Job Code and is preferred entry into the JOB Record over the pooled POSN Description from NBBPOSN.
- Join RJRSEAR_ JOBT_CODE = RJBJOBT_CODE

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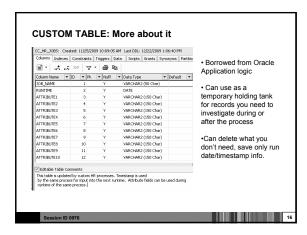
PAYROLL / POSN CTRL: Site Specifics • STIPENDs where RJRSEAR_STIPEND_AMT SEA AUTH STATUS CODEs Ex: AUTH, TERM, JOUR, RESTART • PAY TYPE - Ex: SM, MN, WK (ptrcaln_pict_code) SUFFIX: word of caution... Controlled by the data enterer in NBAJOBS form. NOT SO in FinAid! Train FIN AID user away from effective dating SEA changes. The form RJASEAR will trigger a one-up to the suffix. Ex: POSN 0012 SUFF 00; POSN 0012 SUFF 01; POSN 0012 SUFF 00; FOSN 0012 SUFF 03; EXILL in effect a current active job. Causes problems downstream. **EMPLOYEE CLASS CODES** $- \ \, \operatorname{Ex:} \ \, \operatorname{SR}, \operatorname{SS}, \operatorname{ST}$ 10 TABLES NEEDED: FINAID-HR/PR · What is our Scope? -Origination of Data: FIN AID tables (3) · RJRSEAR- get 8 pieces of data per SEA RJBJOBT- get job title to fill nbrjobs_desc for ea posn RJRTPRD- get start/stop dates for aid year for main cursor -Insert / update Data: POSNCTL / PAYROLL tables(5) • PEBEMPL NBRBJOB NBRJOBS NBRJLBD NBRJLHS —Optional Custom table · CC_HR_JOBS 11 Session ID 0976 Ancillary tables, but must-have's in process... · SPRIDEN- for your output report · SPBPERS- for testing the presence of employee minimum requirements (ssn, birthdate, gender, citizenship, ethnicity) MAP all fields before creating process flow NBBPOSN- for pd and coding solution. NBRPLBD- for L Example: HR cross reference from FinAid x/s PTRPICT/ PTRECLS- for background knowledge

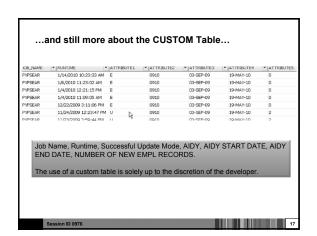
MAIN CURSOR— fetching SEA data in prep for insert/update STUFF MOST OF THE PROGRAMMING LOGIC IN THE MAIN CURSOR TO GROUP WHAT SORTS OF JOBS YOU FETCH. Meaning, did the student ever have the job? Is a PEBEMPL needed? Is it a new job? **Asia pursor for priseer to br module** SELECT decode(all_engl_pidas pebengl_pida.null. 'EMP_CREATE'.' DMP_EXISTS') DMP_REC_FLAC **SELECT decode(all_engl_pidas pebengl_pida.null.' SMP_CREATE'.' DMP_EXISTS') DMP_REC_FLAC **SELECT decode(all_engl_pidas pebengl_pida.null.' SMP_CREATE'.' DMP_EXISTS') DMP_REC_FLAC **SELECT decode(all_engl_pidas pebengl_pidas pebengl_pidas pebengl.') all_engl_pidas pida **SELECT pebengl_pida pida **SE

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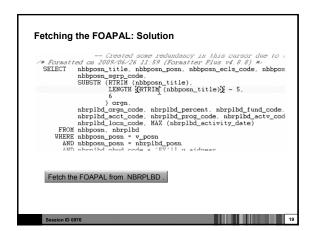
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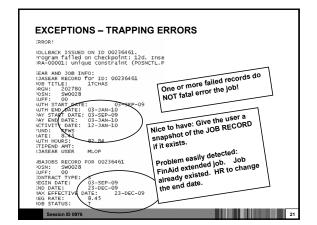
MAIN Cursor- use of custom table AND (seer.rjreear_activity_date >> (select max(trunc(runtiae)) from comman.co.hr_lobe co. es. ## arous star! OR (select max(trunc(runtine)) from comman.co.hr_lobe co. where co.job.pase * PYPSEAr and co.attribute* = y.adyear and co.attribut





PRIMARY OR SECONDARY Contract: Solution SELECT ndrdjob_pidm, ndrbjob_posn, nbrbjob_suit , nbrbjob_begin_date, nbrbjob_end_date , nbrbjob_contract_type FROM nbrbjob WHERE nbrbjob_pidm = v_pidm AND (nbrbjob_end_date >= sysdate OR nbrbjob_end_date >= sysdate OR nbrbjob_end_date is null) AND nbrbjob_contract_type = 'P'; - find nris cur_find nrisZROWTYPE: The Student could already have a Primary Job set up in the system. The program does not care when it was set up. Just that it exists. It could have been created in the prior processed record. Result: If exists, insert the Base Job record as contract_type = secondary.



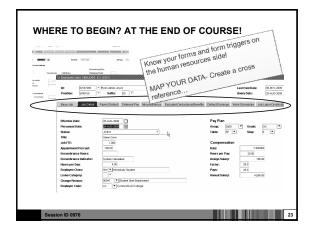


CHALLENGES & SOLUTIONS

- Jobs that are already current- SEA changes
 —Handle it through outer joins
- Student Jobs Terminate- Need a Termination Record
 - —For every new job, insert a new future effective dated record where status = terminated
- Students missing an employee requirement
 - —Insert the new Job for the Student, BUT give the HR owner a warning that a biological requirement is missing.
 - The HR functional owner already knows that the PEAEMPL or NBAJOBS FORMS may throw an error due to missing bio criteria.

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Sample Log File...

 Give your user everything they need to know about the job runs...

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## Symmu Signibles throad

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PYPESEA VS 0

Human Resources Update and Maintenance of Student Jobs from RJRSEAR(Fina Occapional Conference of Conference
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Rollback problem written to Log File -Job does not fatal error
• Give your user enough information so that they can follow up w/o YOU!

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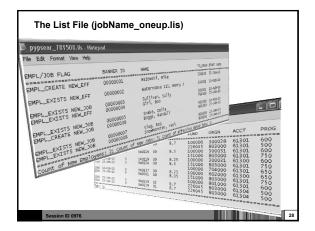
• Backdating in FinAid causes problems downstream in HR. Trap it and spit it out in the log wonstr

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Biographic problems written to .log file

 I allowed the job to create the empl, job and history records. The report tells the HR Lead what is missing.

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B prosecur 778746-log Natego File 158 Formal Vern Help	ef
NOTE: First tip PYPSEAR will A	me job has been run for aidyear,0910. UDIT changes from FinAid for beginning of FY0910. No updates will
00278587 Armst	rong, Brittany Logan PEAEMPL will be created when in Update mode.
ID 00000099	Ball, Lucille **sua is missing in Banner.
ID 00000088	Arnaz has two date is missing in Banner.
ID 00000093	the job hadate. Ethnicity is missing in Banner.
OTF the	hat the job has two the job update. Arnaz the job has two the job update. Arnaz the job has two the job update. Address is missing in Banner. Address is missing in Banner.
1015- 6	AUDIT an
modes.	Arnaz job has the hadren sansing in Banner. At the job has the hadren sansing in Banner. Audit and Update. Audit and Update.
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LAST THOUGHTS...

- · CREATE A CROSS REF- MAP YOUR DATA!
- HR/PAYROLL upgrades & patches may break your job
- · Know your functional owner
- Break down silos. Get the departments working as one team.
- Web Time Entry in Self Service? Know the impact of timing!
- ➤ Test. Test. Test. test. test. test.

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FINANCIAL AID STUDENT AUTHORIZATIONS TO PAYROLL - POSITION CONTROL MODULE UPDATES:

QUESTIONS ?? COMMENTS? THOUGHTS?

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Thank You!

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