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Load Unsupported Test Score Files

Presented by: Suzanne Moss University of Illinois March 25, 2009 Course ID 0367

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!



Introduction

- This presentation will provide step by step instructions for loading unsupported test scores into Banner without modifications.
- This presentation is created in Banner Student 7.3, but the set-up will work in 7.2 as well.
- The intended user is familiar with the Banner Tapeload process and set-up forms.



Course ID 0367

Agenda

- Overview and History
- Design
- Set-up Forms
- Additional File Type
- Review





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Overview and History

History

- Test scores are used in recruiting, admissions, registration and academic history.
- Prior to Banner 7.2, in order to load unsupported test scores there were several options.
 - —Modified SRTLOAD.pc
 - Developed an in-house load program
 - —Entered scores manually into SOATEST
- Modifications are not always a desired option, especially for those sticking to a 'vanilla' Banner system.



Changes to SRTLOAD.pc

- Hard coded tesc code date origins were removed and srtload reads them from a new table (SRTTPTS)
- SRTLOAD was modified to recognize the following suffixes:

```
—_test_date
```

—_test_year

-_test_cent

-_test_mon

—_test_code

—_test_score

—_tadm_code

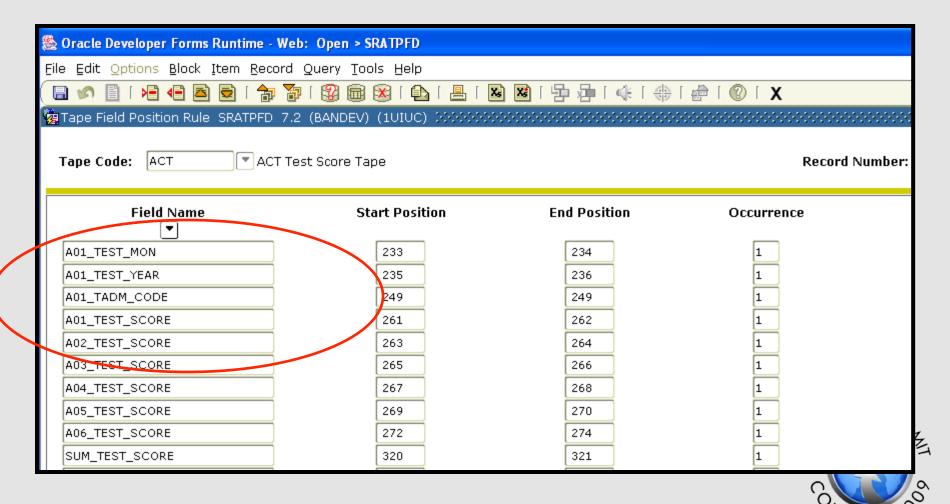
—_rcrv_ind

-_tefr_code

—_teac_code



Example of Suffixes

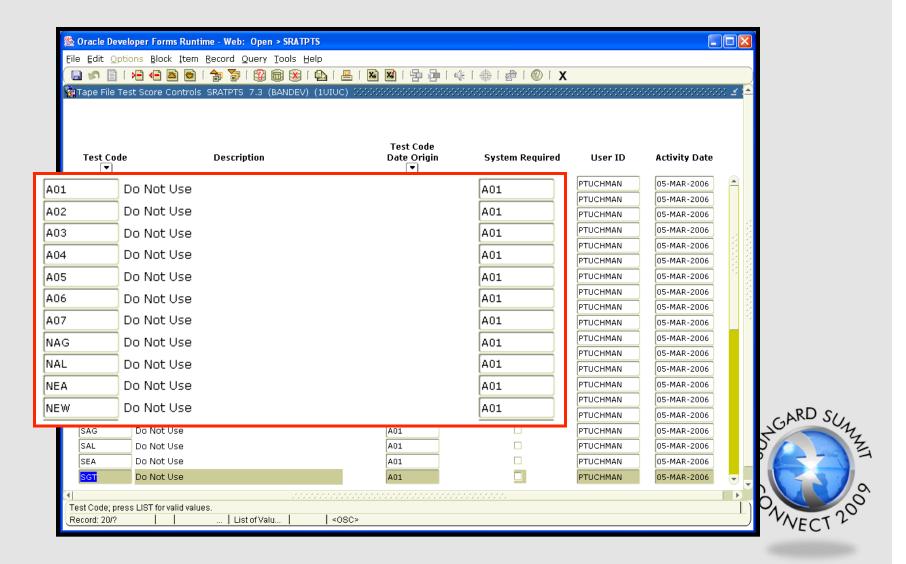


New Form: SRATPTS – Tape File Test Score Controls

- New to Banner 7.1
- •Allows you to map the test score code which contains the "date taken" to all the other test score codes for which that same "date taken" applies
- •SRTLOAD reads test code date origin from SRATPTS



New Form: SRATPTS (cont.)



Effect of Changes

- •By using a prefix in front of these suffixes, unsupported test scores can now be loaded into Banner.
- •Benefits of using the set-up forms to load test scores instead of modifying code.
 - Easier to implement
 - No technical expertise required
 - Easier to manage upgrades





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Design

Steps for Loading Unsupported Test Scores

- 1. Review File Layout from Vendor
- 2. Review Incoming Test Score Codes
- 3. Determine Prefix for Unsupported Test Score File
- 4. Map Values from File Layout to Values in STVTPFD
- 5. Enter Values in Banner Set-Up Forms



Step1: Advanced Placement (AP) File Layout

Field Name and Remarks	Location	Size
Registration Number	1-8	8
Last Name	9-23	15
First Name	24-35	12
Middle Initial	36-36	1
Street Address #1	37-66	30
Street Address #2	67-96	30
Street Address #3	97-126	30
State	127-128	2
Zip Code	129-137	9
Country Code	138-140	3
Sex	141-141	1
Date of Birth	142-147	6



Field Name and Remarks	Location	Size
Social Security Number	148-156	9
Educational Level	157-157	1
Expected College Entrance	158-160	3
Ethnic Group	161-161	1
Student Search	162-162	1
Best Language	163-163	1
Applying for Sophomore Standing	164-164	1
Filler	165-172	8
Previous Al Year	173-174	2
Previous Al Code	175-180	6
Previous Al Info - Set 2	181-188	8
Award Type	189-190	2



Field Name and Remarks	Location	Size
Award Year	191-192	2
Awards - Sets 2 thru 6	193-212	20
* High School Information *		
School Code	213-218	6
Contact Name	219-248	30
Institution Name	249-278	30
Street Address #1	279-308	30
Street Address #2	309-338	30
Street Address #3	339-368	30
State	369-370	2
Zip Code	371-375	5



Field Name and Remarks	Location	Size
* College Information *		
College Code	376-381	6
Contact Name	382-411	30
Institution Name	412-441	30
Street Address #1	442-471	30
Street Address #2	472-501	30
Street Address #3	502-531	30
State	532-533	2
Zip Code	534-538	5



Field Name and Remarks	Location	Size
* Exam Sets – Occurs 30 Times *		
Admin Year	539-540	2
Exam Code	541-542	2
Exam Grade	543-543	1
Irregularity Code #1	544-545	2
Irregularity Code #2	546-547	2
Exam Suppression Flag	548-548	1
Class Section Flag	549-549	1
* Exam Sets - 2 through 30 *	550-868	319
Date Grades Released to College	869-874	6
Date of Last Student Update	875-880	6
Date of this Report	881-886	6



Field Name and Remarks	Location	Size
Service Type	887-888	2
Service Code	889-892	4
Ordering Institution Key	893-900	8



Step 2: AP Test Codes

Exam Code No.	Exam Title
07	United States History
13	History of Art
14	Art: Studio Art-Drawing
15	Art: Studio Art 2-D Design
16	Art: Studio Art 3-D Design
20	Biology
25	Chemistry
31	Computer Science A
33	Computer Science AB
34	Economics: Microeconomics
35	Economics: Macroeconomics



Step 2: AP Test Codes (cont.)

Exam Code No.	Exam Title
36	English Language & Composition
37	English Literature & Composition
40	Environmental Science
43	European History
48	French Language
51	French Literature
53	Human Geography
55	German Language
57	Government & Politics: United States
58	Government & Politics: Comparative
59	International English Language



Step 2: AP Test Codes (cont.)

Exam Code No.	Exam Title
60	Latin: Vergil
61	Latin: Literature
66	Calculus AB
68	Calculus BC
69	■Calculus AB Subscore Grade
75	Music Theory
76	■Aural Subscore
77	■Nonaural Subscore
78	Physics B
80	Physics C - Mechanics
82	Physics C – Electricity & Magnetism



Step 2: AP Test Codes (cont.)

Exam Code No.	Exam Title
85	Psychology
87	Spanish Language
89	Spanish Literature
90	Statistics
93	World History



Step 3: Prefix for AP File

- Select a Prefix for the AP File
- We selected the prefix of AP01 for the AP File



Step 4: Mappings to STVTPFD

AP File Layout	Values in STVTPFD
Registration Number	No Corresponding Field
Last Name	NAME_LAST
First Name	NAME_FIRST
Middle Initial	NAME_MI
Street Address #1	STREET_LINE1
Street Address #2	STREET_LINE2
Street Address #3	No Corresponding Field



Step 4: Mappings to STVTPFD (cont.)

AP File Layout	Values in STVTPFD
Admin Year	AP01_TEST_YEAR
Exam Code	AP01_TEST_CODE
Exam Grade	AP01_TEST_SCORE
Irregularity Code #1	AP01_TADM_CODE
irregularity Code #2	No Corresponding Field
Exam Suppression Flag	No Corresponding Field
Class Section Flag	No Corresponding Field





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Set-Up and Validation

Step 5: Values in Banner Set-up Forms

- Select Values that conform to your institution's naming convention
- Follow recommended order of forms

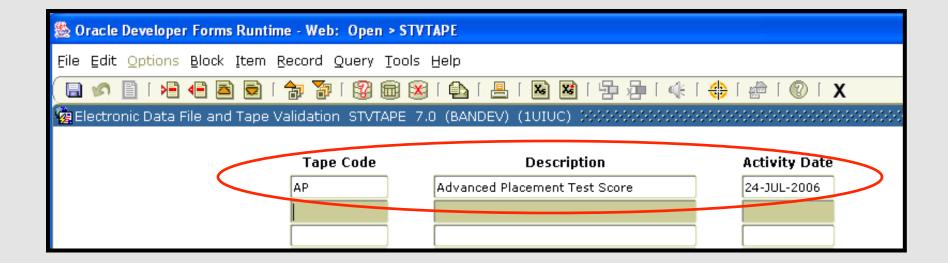


Checklist of Tapeload Set-up Forms

- ☐ STVTAPE Electronic Data File and Tape Validation
- □ STVCTYP Contact Type Code Validation
- □ STVSBGI Source/Background Institution Code
- ☐ GORCMRL Common Matching Rules
- ☐ STVINFC Interface Validation
- ☐ STVPREL Electronic Prospect Load Validation
- ☐ STVTPFD Tape Field Names Validation
- ☐ SRATPFD Tape Field Position Rule
- ☐ STVTESC Test Code Validation
- □ STVTADM Test Score Administration Type Code
- **☐** SOTCNVT Tape Code Conversion
- ☐ SRAPRED Electronic Prospects Default Options
- □ SRATPTS Tape File Test Score Controls

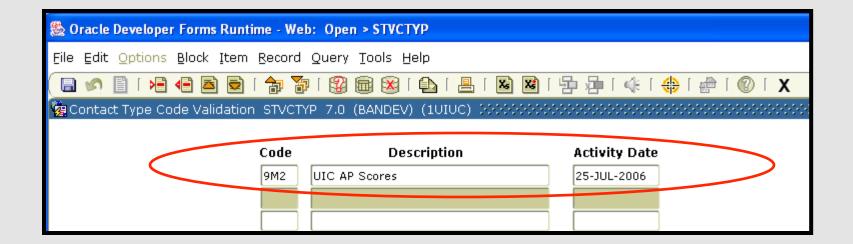


STVTAPE – Electronic Data File and Tape Validation



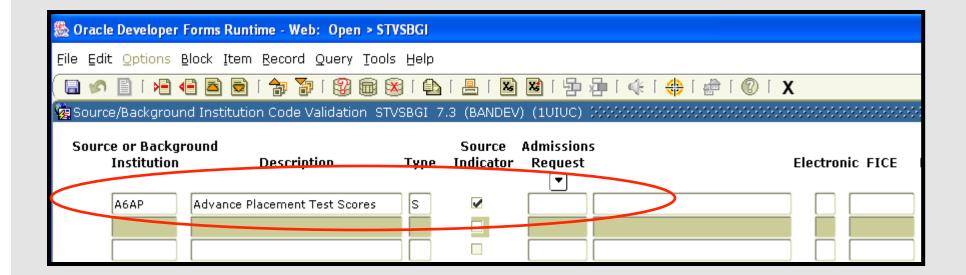


STVCTYP – Contact Type Code Validation





STVSBGI – Source/Background Institution Code



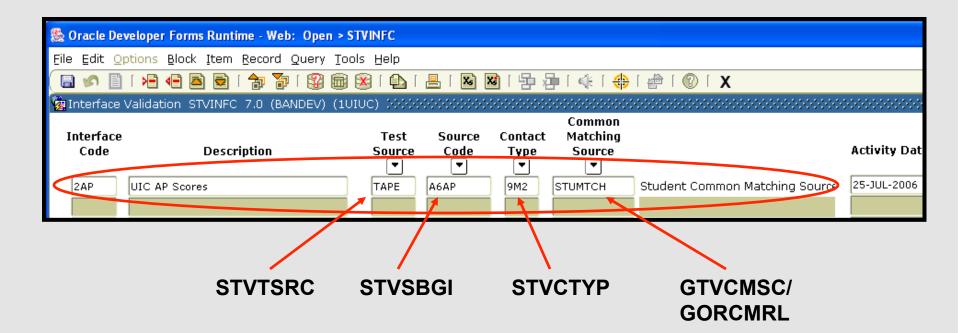


GORCMRL – Common Matching Rules

File Edit Options Block Item Record Query Tools Help Common Matching Rules Common Rules	🥾 Oracle Developer Forms Runtime - Web: Open > GORCMRL						
Matching Rules GORCMRL 7.3 (BANDEV) (1UIUC) Matching Source: STUMTCH Student Common Matching Source Comment:	File Edit Options Block Item Record Query Tools Help					ORACLE	
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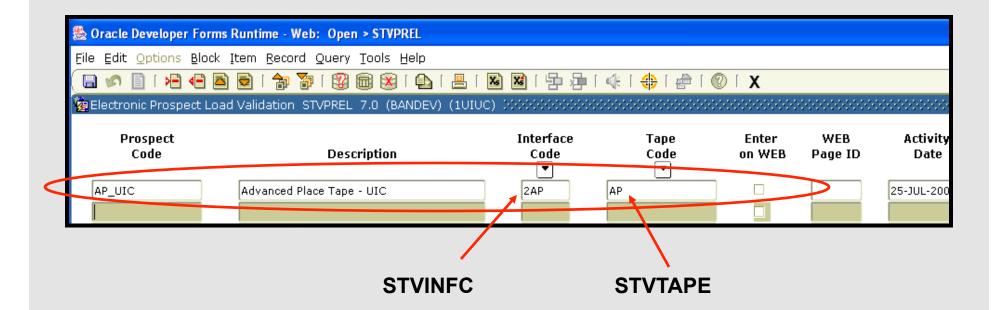


STVINFC – Interface Validation



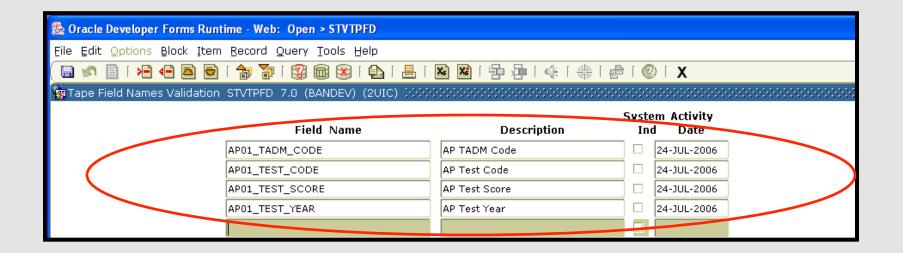


STVPREL – Electronic Prospect Load Validation



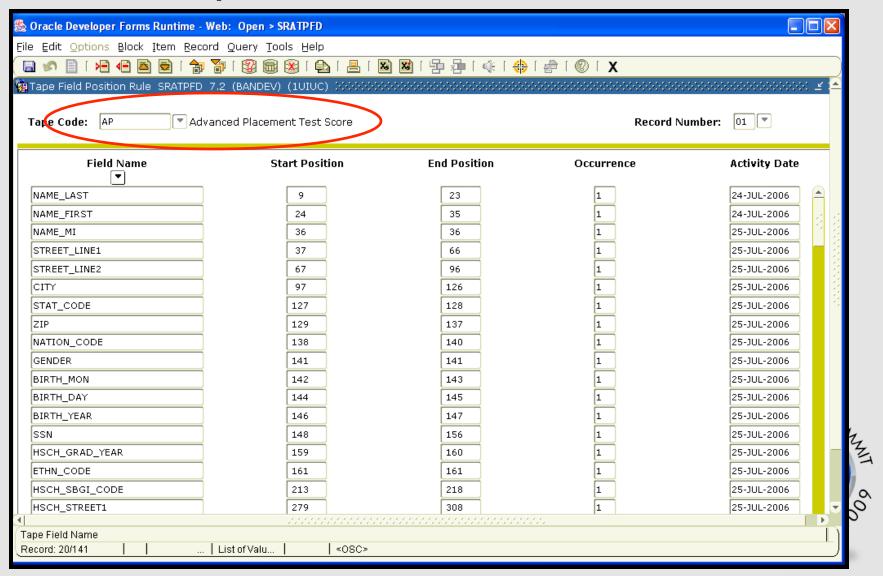


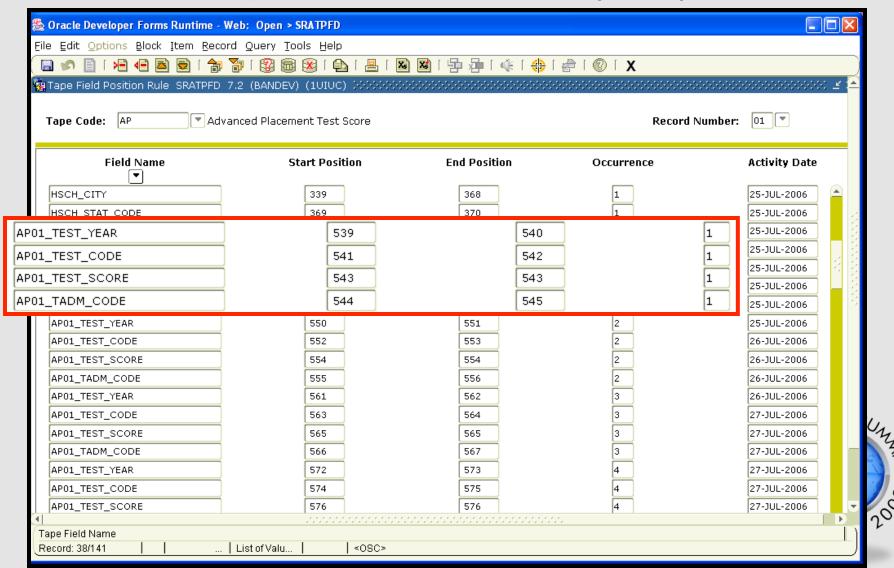
STVTPFD – Tape Field Names Validation

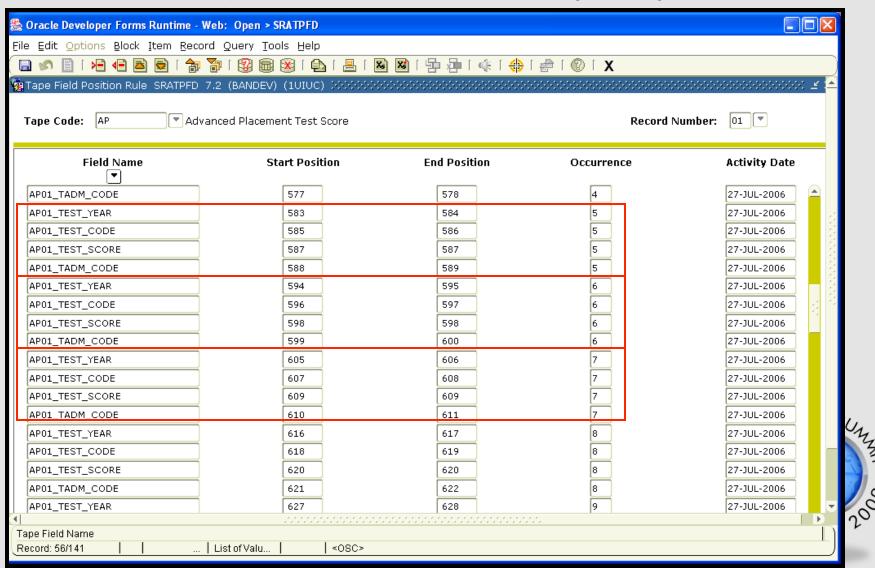


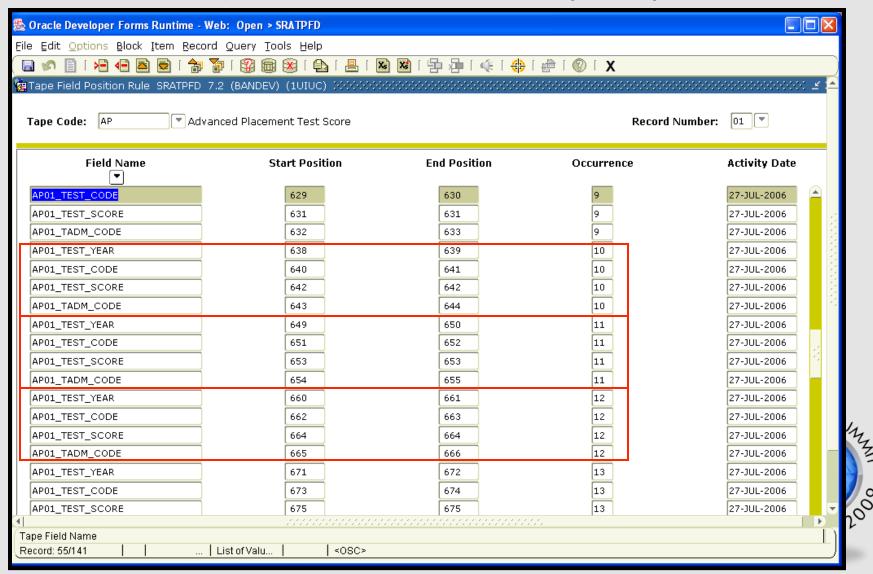


SRATPFD – Tape Field Position Rule



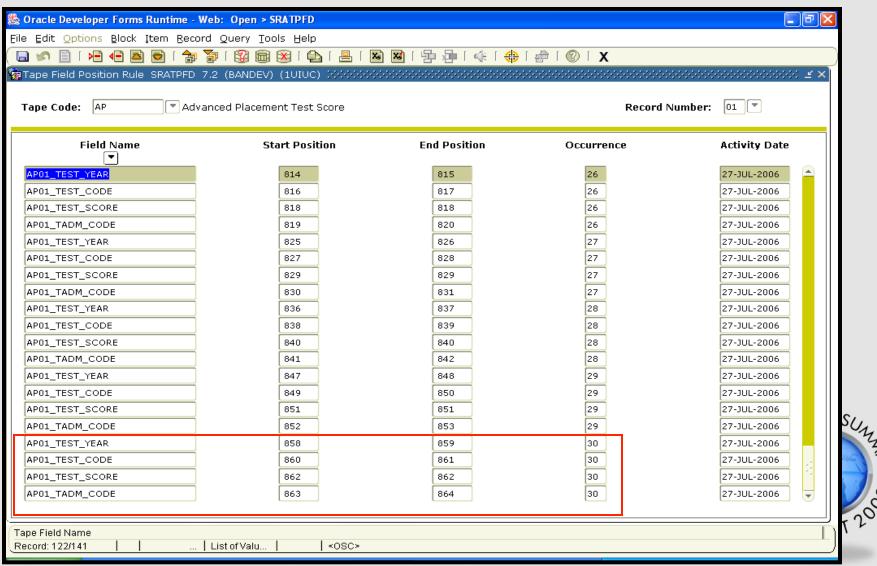




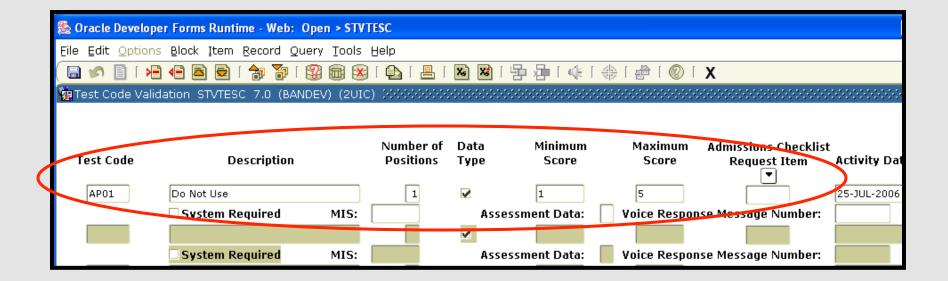


And so on...



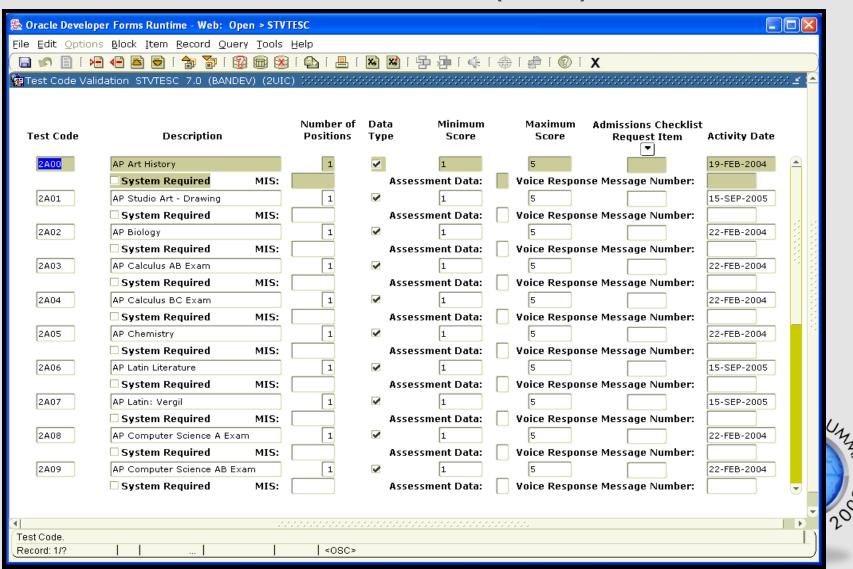


STVTESC - Test Code Validation

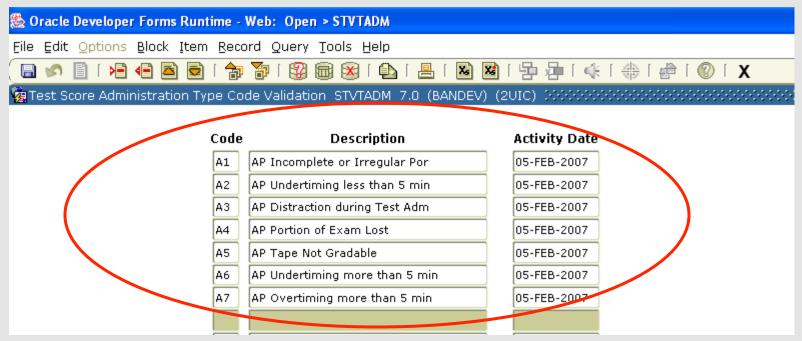




STVTESC – Test Code Validation (cont.)

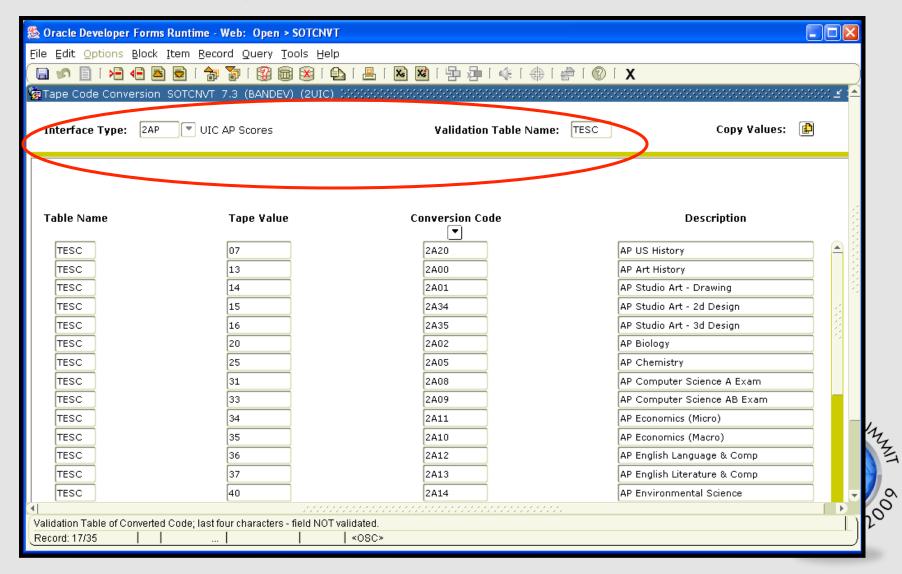


STVTADM – Test Score Administration Type Code

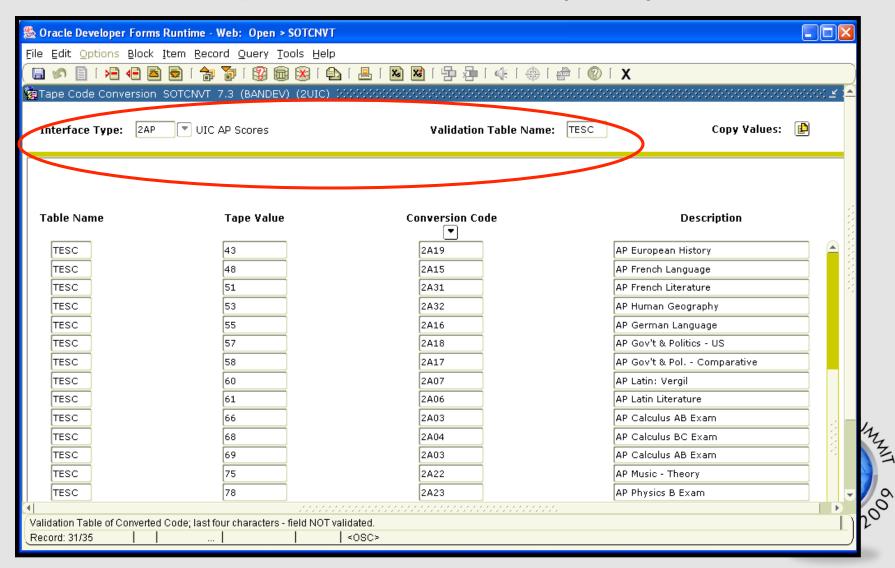




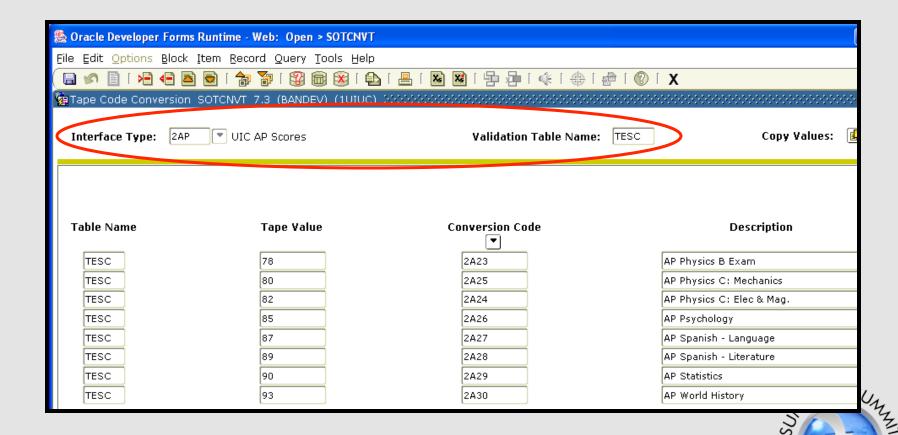
SOTCNVT – Tape Code Conversion



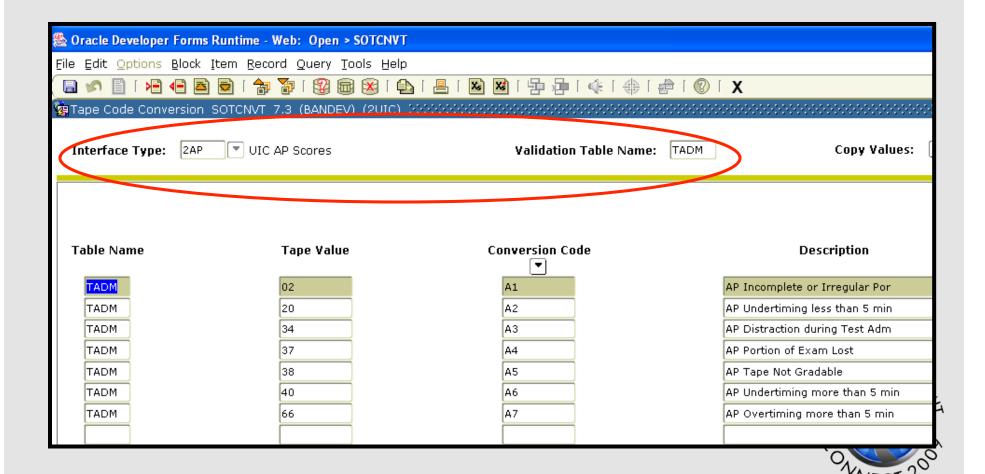
SOTCNVT – Tape Code Conversion (cont.)



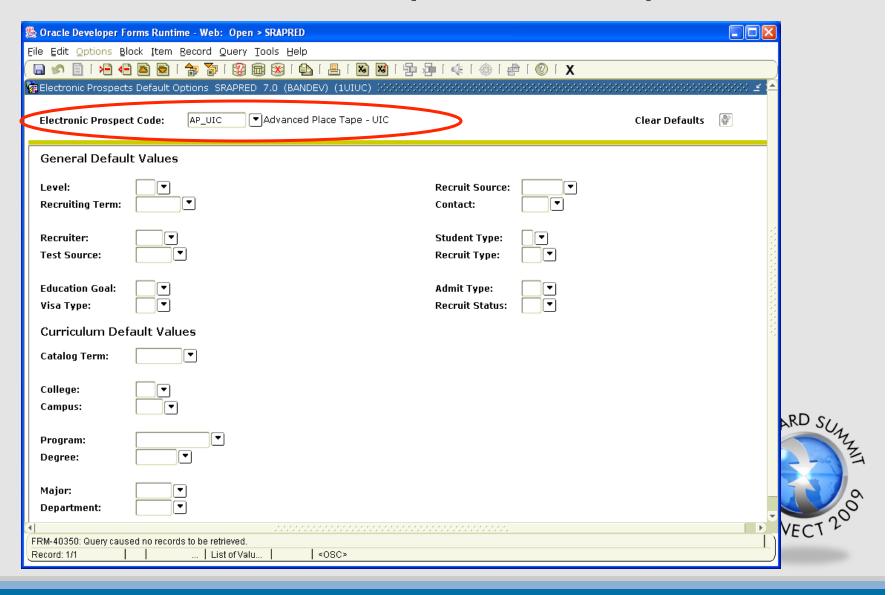
SOTCNVT – Tape Code Conversion (cont.)



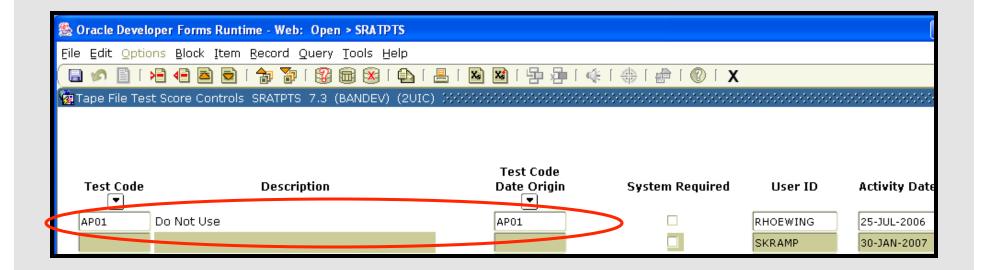
SOTCNVT – Tape Code Conversion (cont.)



SRAPRED – Electronic Prospects Default Options



SRATPTS – Tape File Test Score Controls







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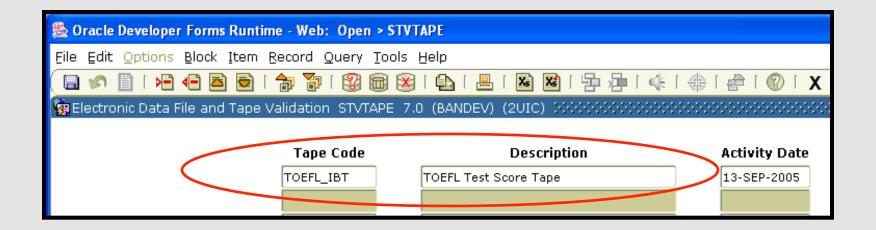
Additional Example

TOEFL Internet Based Test (IBT)

- TOEFL has three different ways to take the exam.
 - —Each type of exam reports scores differently.
 - —All three types could be delivered on the same file.
- TOEFL reports test scores in fixed fields for each part of the exam. This is different than how AP delivers test scores.

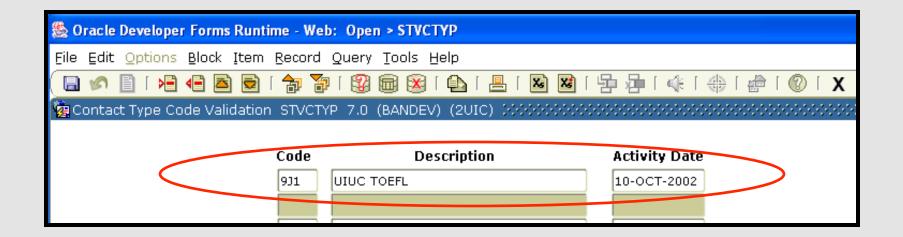


STVTAPE – Electronic Data File and Tape Validation



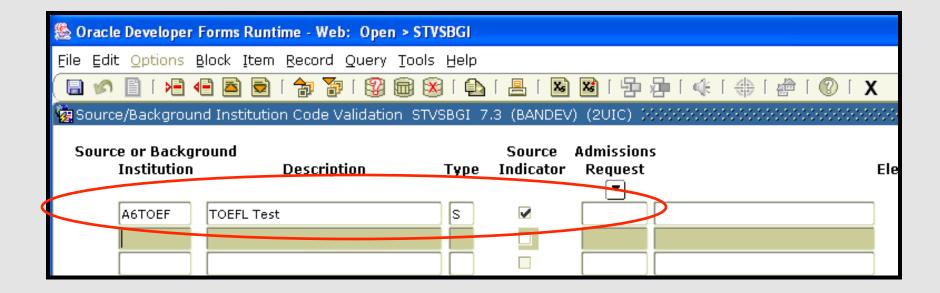


STVCTYP – Contact Type Code Validation



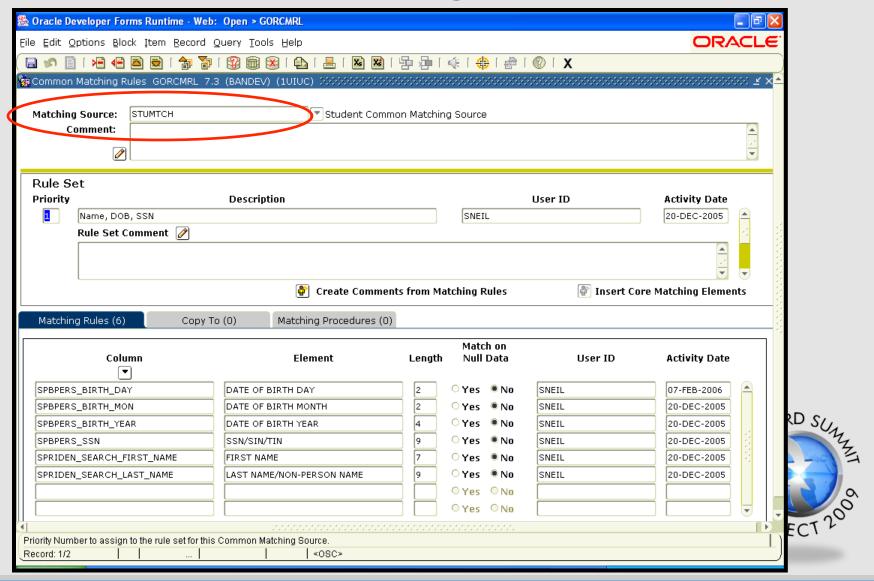


STVSBGI – Source/Background Institution Code

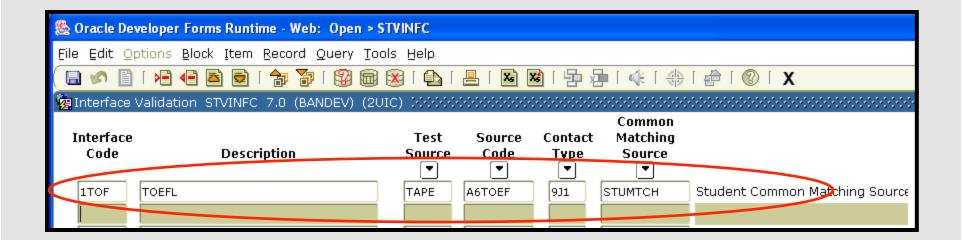




GORCMRL – Common Matching Rules

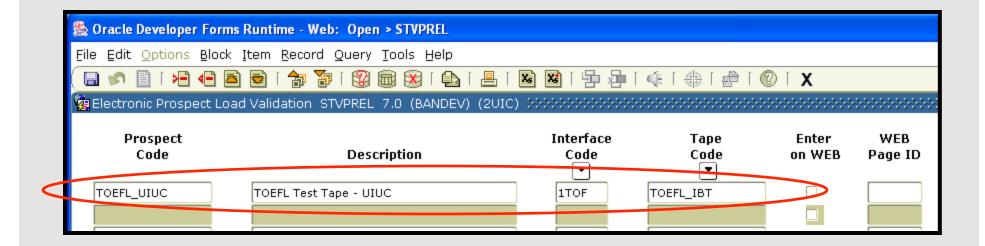


STVINFC – Interface Validation



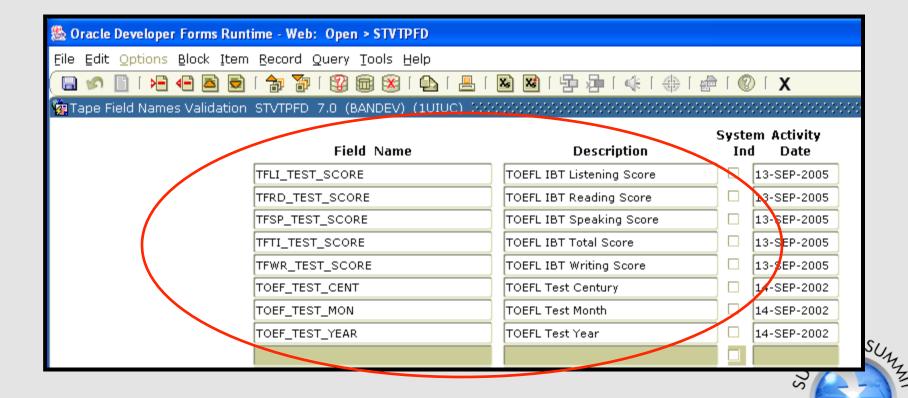


STVPREL – Electronic Prospect Load Validation

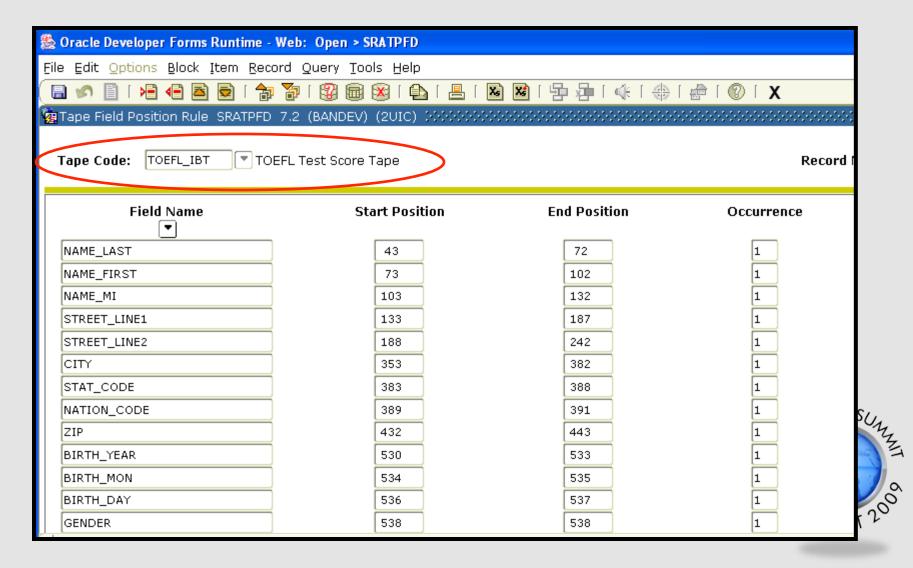


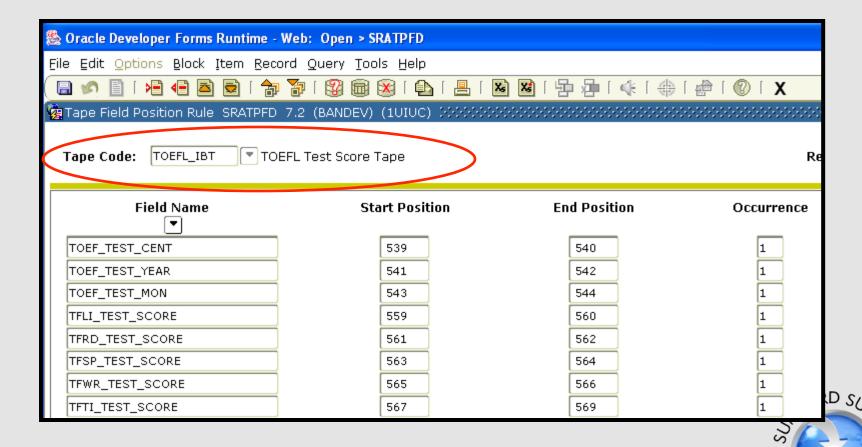


STVTPFD – Tape Field Names Validation

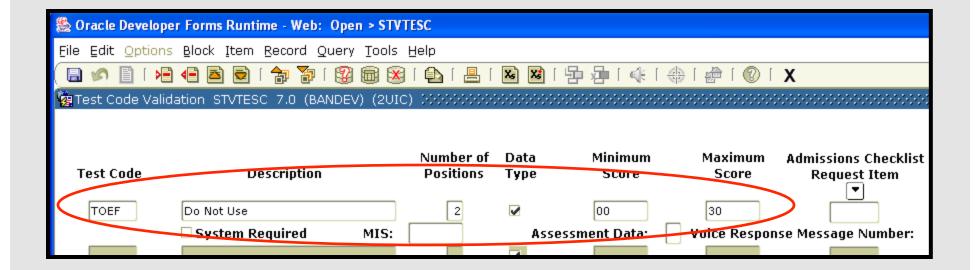


SRATPFD – Tape Field Position Rule



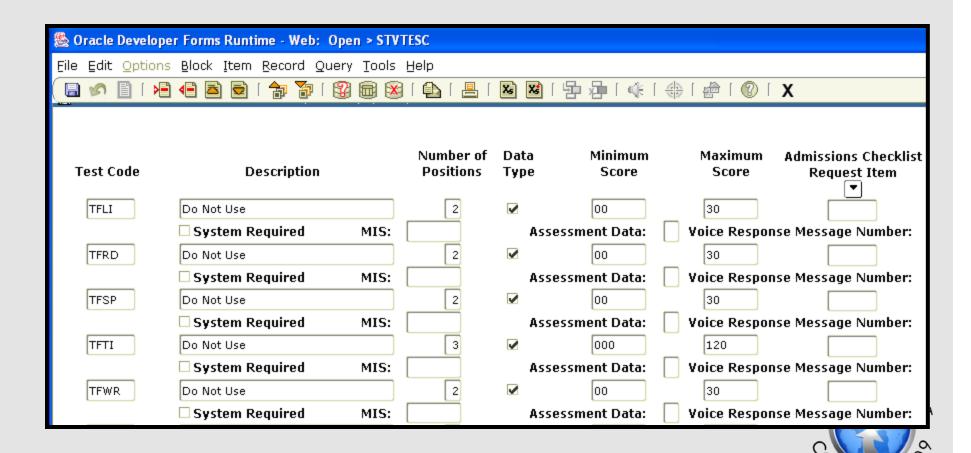


STVTESC – Test Code Validation

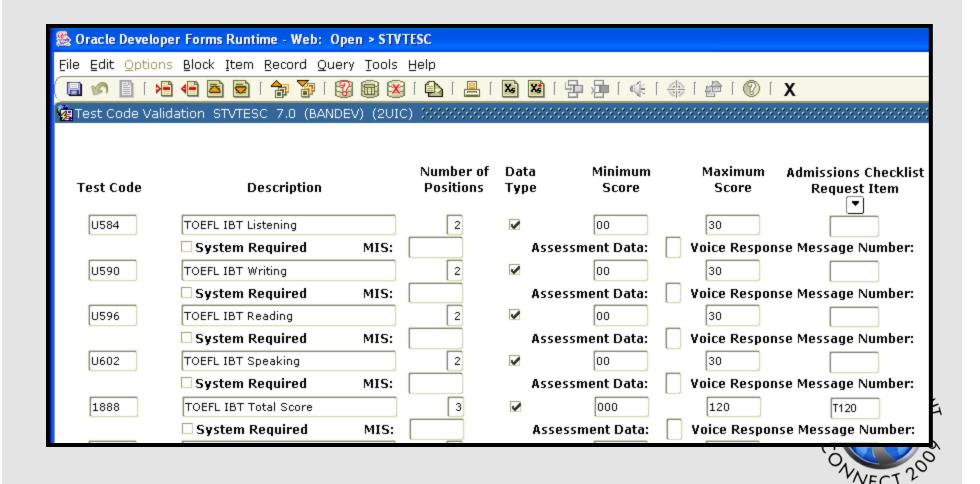




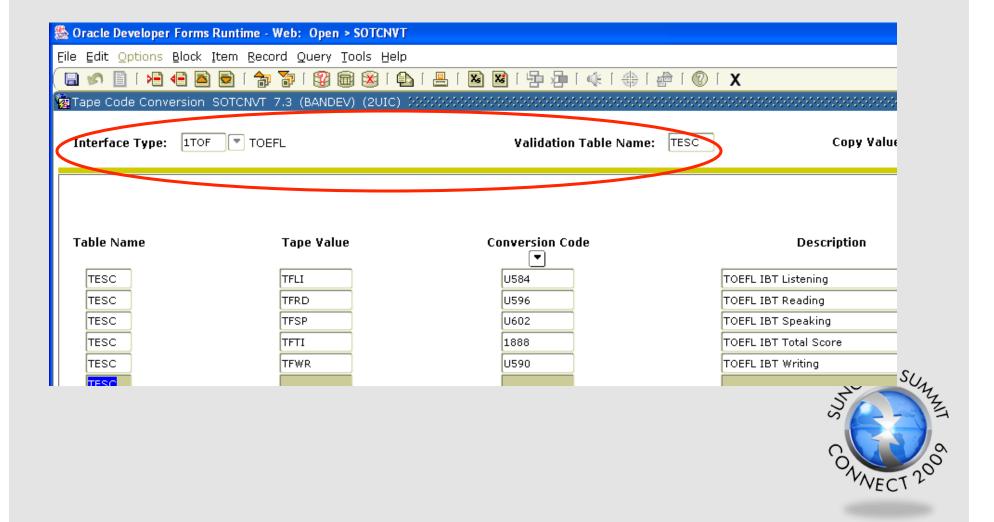
STVTESC – Test Code Validation (cont.)



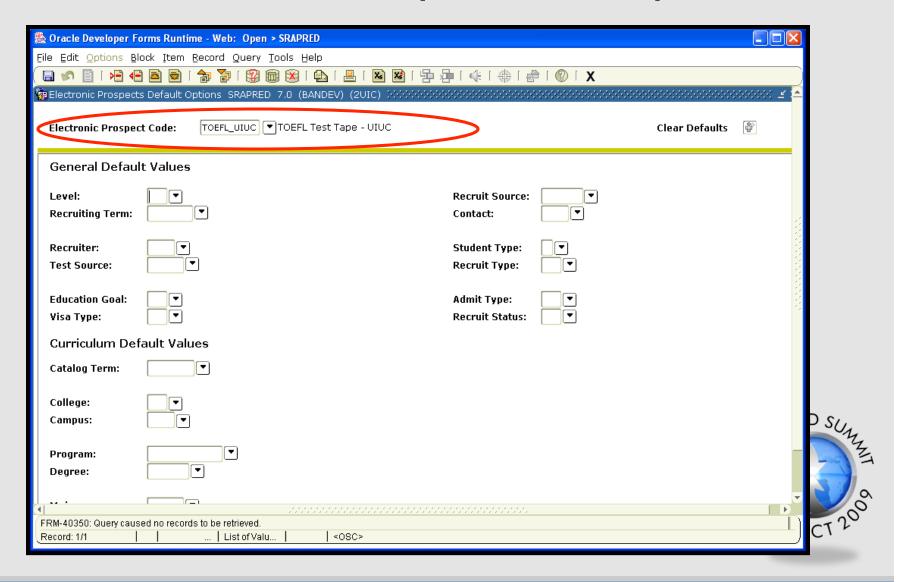
STVTESC – Test Code Validation (cont.)



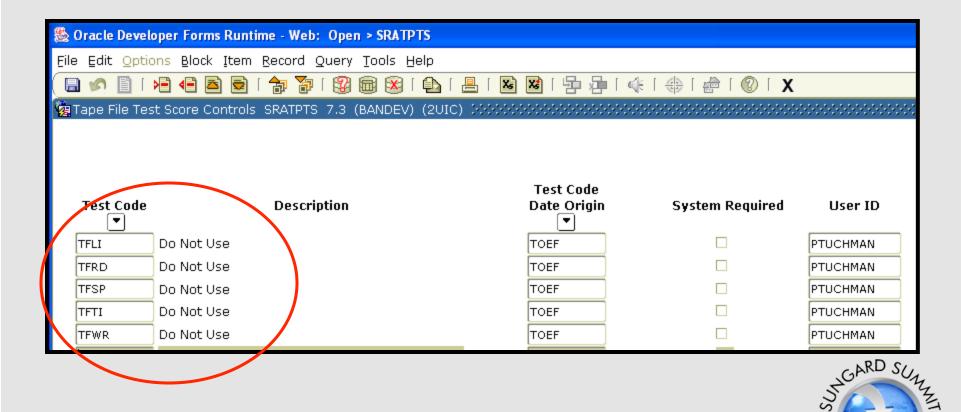
SOTCNVT – Tape Code Conversion



SRAPRED – Electronic Prospects Default Options



SRATPTS – Tape File Test Score Controls





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Summary

Review Checklist of Tapeload Set-up Forms

- **☑** STVTAPE Electronic Data File and Tape Validation
- **☑** STVCTYP Contact Type Code Validation
- **☑** STVSBGI Source/Background Institution Code
- **☑** GORCMRL Common Matching Rules
- **☑** STVINFC Interface Validation
- **☑** STVPREL Electronic Prospect Load Validation
- **☑ STVTPFD Tape Field Names Validation**
- **☑** SRATPFD Tape Field Position Rule
- **☑** STVTESC Test Code Validation
- **☑ STVTADM Test Score Administration Type Code**
- **☑** SOTCNVT Tape Code Conversion
- **☑** SRAPRED Electronic Prospects Default Options
- **☑** SRATPTS Tape File Test Score Controls



Relationships between Forms

- Follow recommended order of set-up and validation forms.
- The order of some forms can be moved around in the checklist but think about the relationships between the underlying tables.
 - —For example, STVINFC depends on values from STVCTYP, STVTSRC, STVSBGI and GTVCMSC.



Other Unsupported Tapeloads

- TOEFL Computer-Based
- TOEFL Paper-Based
 - —Entire name delivered in Last Name field
 - —Name needs to be parsed out before loading
- PCAT (Pharmacy College Admission Test)
 - —Provides only Name and SSN
 - —Different Common Matching rules required
- IELTS (International English Language Testing System)
 - —Provides only Name and DOB
 - —Limited bio/demo data can prevent the ability to perform an auto search/match.

Quick Troubleshooting

- Check SRATPFD
- Check SRATPTS
- Encountering Defect #1-NU952



? Questions ?



Thank You!

Suzanne Moss skramp@uillinois.edu

Please complete the online class evaluation form Course ID 0367

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