Chapter: Managing PeopleSoft Prospect/Admissions Data Load Transactions

This Recruiting and Admissions PeopleBook chapter provides an overview of Prospect/Admissions Data Load (PDL) transactions and discusses:

- Entity Registry and PDL transactions.
- Configuring PDL setup.
- Setting up prospect configuration.
- Setting up File Parser.
- Reviewing and editing staged PDL transactions.
- Posting PDL transactions.
- Commonly used PDL calculated mapping application class objects.
- Appendices for delivered templates**.** **Bundle 32: New templates for GMAT and GRE**

See Also

PeopleTools PeopleBook: Integration Broker

PeopleSoft Campus Community Fundamentals 9.0 PeopleBook, “Setting Up Entity Registry"

PeopleSoft Campus Community Fundamentals 9.0 PeopleBook, “Working with Constituent Transaction Management"

PeopleSoft Campus Community Fundamentals 9.0 PeopleBook, “Using the File Parser Process"

PeopleSoft Campus Community Fundamentals 9.0 PeopleBook, “Working with Common Attribute Framework”

Understanding Prospect/Admission Data Load Transactions

Prospect/Admissions Data Load (PDL) is an innovative tool that utilizes existing architecture and functionality including Constituent Transaction Management (CTM), the File Parser, Entity Registry, 3C Events and Triggers and the Common Attribute Framework. It is designed to provide new structures that will allow academic institutions to define and map almost any external file containing data that requires staging, search/match processing, and posting to production records. This could include but is not limited to admissions test scores, prospects, placement exams, internal academic knowledge test results, etc.

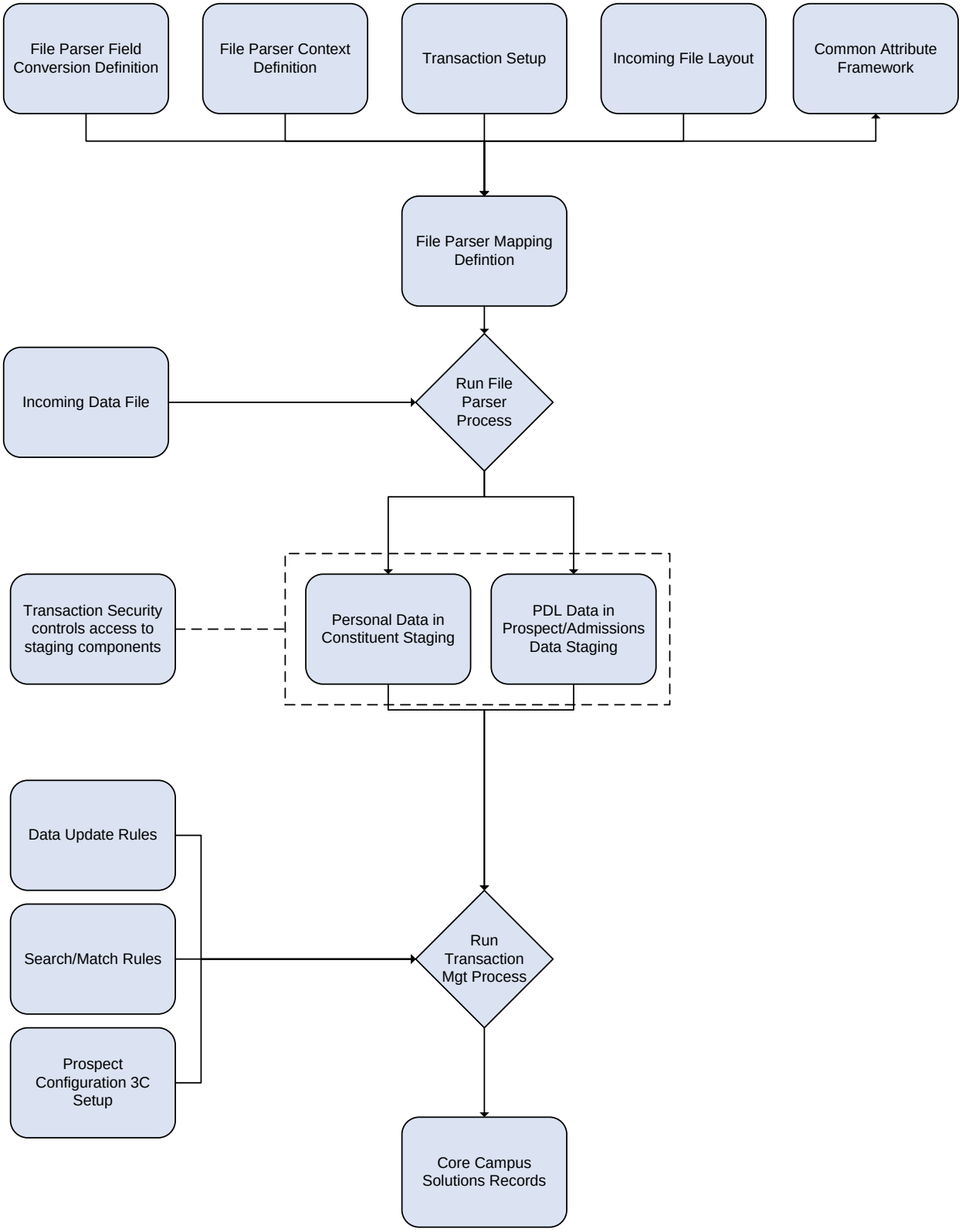
The Prospect/Admissions Data Load represents a common approach for capturing externally provided test data and other data that:

- Utilizes the CTM data structures and staging components to capture bio/demo data.
- Utilizes the existing CTM Transaction Setup component and Transaction Management process to enable staging and posting of data.
- Utilizes the existing CTM Data Update Rules feature to enable the user to determine how existing constituent data should be updated.
- Provides ability to create prospects via appropriate mapping definitions.
- Provides new application packages to post test scores, prospect data and other data to Campus Solutions as part of the existing Transaction Management process.
- Utilizes the existing Enterprise Integration Points (EIPs) to exchange data between Campus Solutions and PeopleSoft CRM for test scores, prospect data, academic interests, education data and extracurricular activities.
- Utilizes the Common Attribute Framework to extend the existing prospect and test score records enabling academic institutions to store additional test and prospect data not supported in the current structures.
- Provides a security structure for the staging components to restrict access to only those transactions a user can process.

PDL represents an important step towards ending your reliance on Campus Solutions continuous support for various existing test score load processes. Working closely with the HEUG Admissions Product Advisory Group, we intend to begin the evolutionary migration from currently supported test scores to this new form of processing. It is our intention that this new paradigm will be used for loading all currently supported admissions related test score and data loads. PDL will introduce initial file mapping definition templates for currently supported test score loads which will serve as the basis for load procedures. It is important to recognize that, as each new template for a test load is delivered; academic institutions will acquire the ability for responding to layout changes as announced by various test agencies.

Important! Campus Solutions will no longer update the individual test load after its related PDL template has been delivered.

The following diagram shows the prospect/admissions data flow:



Prospect/Admissions Data Load Transaction Flow

The steps for setting up, loading and posting prospect or admissions data from an external file is as follows:

Steps	More Information
1. Define a data update rule based on the incoming data to be used on the Transaction Setup component. 2. Define a transaction code on the Transaction Setup component to be used on the file mapping definition. 3. Update transaction security to add the transaction code for the appropriate users so that these users can view the data in the Prospect/Admissions Staging and Constituent Staging components under the Student Recruiting, Prospect/Admissions Data Mgmt menu. 4. Update the appropriate Common Attribute Framework record context via the Record Context component to add or remove common attributes for additional data you want to store for your prospects or test takers.	See "Configuring PDL Setup" section in this chapter. **Bundle 32** **The following reference to the Working with Constituent Transaction Management chapter has been added:** See *PeopleSoft Campus Community Fundamentals 9.0 PeopleBook*, Working with Constituent Transaction Management, Setting Up CTM, "Setting Up CTM Transaction Security"
5. Optional: Assign a 3C Event ID to your transaction code on the 3C Event ID Setup page to assign 3Cs to each person record processed. Also, review and modify the Prospect Setup page if you are using a calculated field to assign a recruiting center to an incoming prospect record.	See "Setting Up Prospect Configuration" section in this chapter.
6. Define a File Parser field conversion profile for your external file, if needed, to convert external field values to internal field values. 7. Define a File Parser context definition for your external file to indicate the staging records you will populate in the proper parent-child relationship. 8. Define a File Parser file mapping definition to map the fields on the external file to the records defined on the context definition. 9. Run the File Parser process to load the external file to the staging records based on the file mapping definition.	See "Setting Up File Parser" section in this chapter.
10. Run the Transaction Management process for your transaction code to perform search/match and post staged data.	See the discussion on Transaction Management process in the Working with Constituent Transaction Management chapter.
11. Use the Constituent Staging and Prospect/Admissions Staging components to review records that were not posted based on search/match rules or validation logic. Determine if new record should be created or existing record updated.	See "Reviewing and Editing Staged PDL Transactions" section in this chapter. See the discussion on Constituent Staging component in the Working with Constituent Transaction Management chapter.

Resolve any validation errors.	
12. Manually post individual records or run the Transaction Management process again to post remaining records that were reviewed on the Constituent Staging and Prospect/Admissions Staging components.	For manually posting individual records: See the discussion on Constituent Staging component in the Working with Constituent Transaction Management chapter. For posting in batch: See “Posting PDL Transactions” section in this chapter.

CRM for Higher Ed EIPs and Prospect/Admissions Data Transactions

Enterprise Integration Points (EIPs) enable your institution to exchange data between CS and CRM. EIPs publish data either whenever data updating happens for the given entities of the EIPs or when the user requests data. This data can be created, updated, or deleted through various channels like components, component interfaces, and batch processes.

The system can publish the following EIPs when a PDL transaction is posted via the Transaction Management process:

• SAD_ADM_PRSPCT_DATA_SYNC
• SAD_TEST_SCORES_SYNC
• SAD_ADM_INTEREST_SYNC
• SSR_EXTRACUR_ACTVTY_SYNC
• SAD_EXT_ACAD_DATA_SYNC
• SCC_PERSON_SYNC

Note: To publish the EIPs using the Transaction Management process, select the Publish PDL Data EIPs (SADEIPSL) PSJob on the Process Scheduler Request page. The PSJob will publish the EIPs and post the data to Campus Solutions database as well.

See Also
PeopleSoft Enterprise Campus Solutions 9.0 Application Fundamentals PeopleBook, “Introducing Customer Relationship Management for Higher Education”

CRM for Higher Education Developer’s Guide

Entity Registry and PDL Transactions

The entities for all core data records within the constituent and prospect/admissions data areas needed for PDL transactions are delivered with the system within the Entity Registry component.

Delivered Entities Related to Prospect/Admissions Data

At the time of delivering this document, the following entities are delivered for the prospect/admissions staging records and matching production records:

Entity Name	Staging Record Names	Production Record Names
Prospect/Admissions Data Load	SAD_PDL_HDR_STG	**SAD_PDL_HDR_WRK
Prospect Career	SAD_PRS_CAR_STG	ADM_PRSPCT_CAR
Prospect Program	SAD_PRS_PRG_STG	ADM_PRSPCT_PROG
Prospect Plan	SAD_PRS_PLN_STG	ADM_PRSPCT_PLAN
Prospect Sub-Plan	SAD_PRS_SBP_STG	ADM_PRSPCT_SBPL
Prospect Recruiting Category	SAD_PRS_RCR_STG	PRSPCT_RCR_CAT
Prospect Recruiter	SAD_PRS_REC_STG	PRSPCT_RECRTER
Prospect CAF	SAD_STG_PRS_CAF	SAD_PRSPCT_CAF
*Test Score	SCC_STG_TEST	STDNT_TEST
*Test Score Component	SCC_STG_TESTCMP	STDNT_TEST_COMP
*Test Date	SCC_STG_TESTDT	SAD_TESTDT
*Test CAF	SAD_STG_TST_CAF	SAD_TESTDT_CAF
*Academic History	SCC_STG_ACADHST	ACAD_HISTORY
*External Academic Data	SCC_STG_EXACDDT	EXT_ACAD_DATA
*External Education Comment	SCC_STG_EXEDCOM	SAD_EXT_ED_COM
*External Academic Summary	SCC_STG_EXACDSM	EXT_ACAD_SUM
*External Academic Subject	SCC_STG_EXACDSB	EXT_ACAD_SUBJ
*External Academic Data (CAN)	SCC_STG_CANEXAC	CAN_EXT_ACAD_DA
*External Course	SCC_STG_EXTCRS	EXT_COURSE
*External Course Communication	SCC_STG_CRSCOM	SAD_EXT_CRS_COM
*External Course Grade	SCC_STG_CRSGRD	SAD_EXT_CRS_GRD
*External Degree	SCC_STG_EXTDEGR	EXT_DEGREE
*Academic Interests Header	SCC_STG_ADMIHD	ADM_INTRST_HDR
*Academic Interests	SCC_STG_ADMINT	ADM_INTERESTS
*General Materials	SAD_STG_GEN_MAT	GENL_MATERIALS
*General Materials Attachment	SAD_STG_GNMTATT	GENL_MAT_ATTACH

*Considered Constituent Data but appears on Prospect/Admissions Staging
**Work record has no significance other than to act as a production record placeholder within the Entity Registry

A query group, named PROS ADM DATA LOAD, has been added for PDL. This new query group is added to QUERY_TREE_ADM. Use the Query Access Manager page to view this query group.

See Also
PeopleTools PeopleBook: PeopleSoft Query

Configuring PDL Setup

Before you deploy PDL and start loading data from external sources, you must set up the following:

- Data Update Rules Entry
- CTM Transaction Setup
- Transaction Security
- Common Attribute Framework
- Prospect Configuration

- File Parser

This section discusses:
- Setting up data update rules entry.
- Setting up transaction.
- Setting up CTM transaction security.
- Entity Registry impacts.
- Setting up Common Attribute Framework.

Prospect configuration and File Parser setup are discussed in the subsequent “Setting Up Prospect Configuration” and “Setting Up File Parser” sections.

Setting Up Data Update Rules Entry

Create a data update rule based on the incoming constituent data from your file layout. Determine if/how the constituent data should be updated if it already exists for the person in the core campus records.

Academic institutions require different rules for updating constituent data based on a transaction and the affiliation the institution has with the constituent. For example, you may define one rule based on the incoming data from TOEFL and a different rule based on the incoming data from PTE as the data you receive from each testing agency differs. Additionally, you may want to override the TOEFL rule if the constituent is already an applicant. The Data Update Rule Entry component allows this flexibility. The system uses these rules when it posts a transaction.

To be consistent with existing processes that update this data, the data update rules are as follows for the following entities:

Entity	**Rules**
Academic Interests	If data exists on ADM_INTRST_HDR for an existing EMPLID and ACAD_CAREER and the max ADM_INTRST_HDR.EFFDT is not equal to %Date, a new row is inserted with EFFDT = %Date. Rows are inserted into ADM_INTERESTS for each academic interest populated on SCC_STG_ADMINT. PRIORITY is populated based on ADM_INTRST_HDR.USE_PRIORITY. If data exists on ADM_INTRST_HDR for an existing EMPLID and ACAD_CAREER and the max ADM_INTRST_HDR.EFFDT is equal to %Date, a row is not inserted into ADM_INTRST_HDR. Rows will be inserted into ADM_INTERESTS only where SCC_STG_ADMINT.EXT_SUBJECT_AREA does not exist on ADM_INTERESTS for the current effective date. If ADM_INTRST_HDR.USE_PRIORITY is *Y*, the max ADM_INTEREST.PRIORITY is determined and incremented to the next number when new rows are inserted.
External Academic Data	A new data number (EXT_DATA_NBR) is inserted to EXT_ACAD_DATA if the EXT_ORG_ID on the staging record SCC_STG_ACADHST exists on the core record ACAD_HISTORY. The max EXT_DATA_NBR existing on EXT_ACAD_DATA is determined and incremented to the next number on insert.

	All child records are populated with the same EXT_DATA_NBR that is inserted on EXT_ACAD_DATA if the field exists on the child record. Exception: For the record EXT_DEGREE, if data exists on EXT_DEGREE where DESCR, DEGREE_DT, DEGREE_STATUS and LS_DATA_SOURCE = data from staging record (SCC_STG_EXTDEGR), a new row is not inserted.
General Materials	A new record is always inserted. The max GENL_MATL_NBR is determined and new incremented to the next number when new rows are inserted.
Test Score	If SCC_STG_TEST.TEST_ID does not exist on STDNT_TEST for the EMPLID, a new row is inserted along with any child rows (STDNT_TEST_COMP). If the following elements on STDNT_TEST_COMP match the elements on the staging record SCC_STG_TESTCMP, update Score, Percentile and Date Loaded regardless of the previous score reported: EMPLID, TEST_ID, TEST_COMP, TEST_DT and DATA_SOURCE. If there is not an existing row on STDNT_TEST_COMP that matches on EMPLID, TEST_ID, TEST_COMP, TEST_DT, DATA_SOURCE, a new row is inserted.

Setting Up Transaction

You must define a transaction for each PDL transaction you will be loading. We will deliver transaction codes for each prospect or test score template we deliver.

This is an example of a delivered transaction code:

Transaction Setup | Search/Match Setup

Transaction: SAD_PTE

*Transaction Name: PTE Test Score Load

Transaction Description: PTE Test Score Load

*Transaction Status: Active

*Data Update Rule: DEFAULT_UPDATE_RULE

Transaction Options

☐ Online Transaction

Process Search/Match: ◉ Batch ○ Realtime

Transaction Handler

*Root Package ID: SAD_PDL_PROCESS

*Path: TRANSACTION

*Application Class ID: DataLoadTransaction

Transaction Status and Date

*Staged Record Name: SAD_PDL_HDR_STG Common Data Header record.

Constituent Handler

*Root Package ID: SCC_SL_TRANSACTION

*Path: INTFC

*Application Class ID: DefaultConstituent

Partition Data

○ By Constituent ◉ By Transaction

Transaction Data Launch View

Menu Name: SAD_PDL_DATA_STAGE Prospect Data Load Menu

Menu Bar Name: USE Use

Menu Item Name: SAD_PDL_DATA_STG Prospect/Admissions Staging

Menu Page Name: SAD_PDL_ACAD_INFO Constituent Summary Page

Sample Transaction Setup

All PDL transactions should be set up with the Online Transaction check box cleared which sets the Process Search/Match option to *Batch* automatically.

The following table lists the delivered transaction handler values for Prospect/Admissions Data Load transactions. Use these values when defining a transaction handler for any new PDL transaction you may define.

Root Package ID	Path	Application Class ID
SAD_PDL_PROCESS	TRANSACTION	DataLoadTransaction

The staging record name for PDL Transaction Status and Date should be set to *SAD_PDL_HDR_STG*. This record stores the transaction status and transaction status date value for PDL transactions. You should always use this value when defining any new PDL transaction.

The following table lists the delivered transaction handler values for processing the constituent data that is loaded with your PDL transaction. Use these values when defining a constituent handler for any new PDL transaction you define.

Root Package ID	Path	Application Class ID
SCC_SL_TRANSACTION	INTFC	DefaultConstituent

All PDL transactions should be set to Partition by Transaction which creates one transaction record for each constituent record.

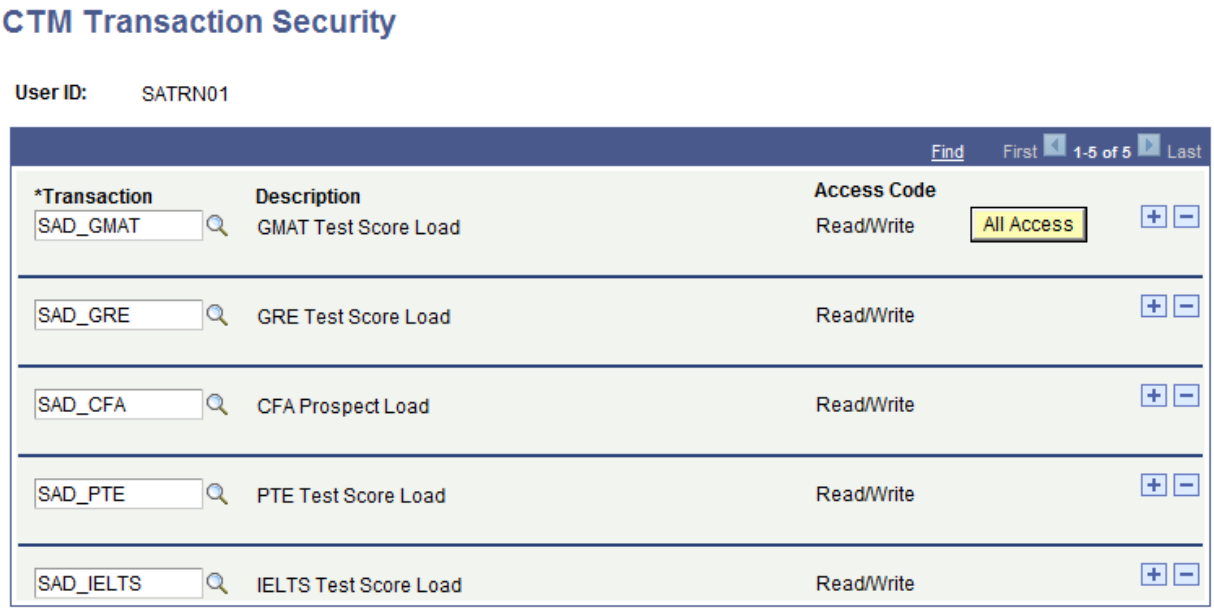
The following table lists the delivered transaction data launch view settings for PDL transactions. You should always use these values when defining the transaction data launch view settings for any new PDL transaction you may create.

Menu Name	Menu Bar Name	Menu Item Name	Menu Page Name
SAD_PDL_DATA_STAGE	USE	SAD_PDL_DATA_STG	SAD_PDL_ACAD_INFO

On the Search/Match Setup tab, define the search parameter, search result code and action to take for each search level that you want to use when processing your PDL transaction.

Setting Up CTM Transaction Security

Access the CTM Transaction Security page (Set Up SACR, Security, Secure Student Administration, User ID, CTM Transaction Security).



CTM Transaction Security page

The CTM Transaction Security page controls access to the Prospect/Admissions Staging and Constituent Staging components under the Student Recruiting, Prospect/Admissions Data Mgmt menu.

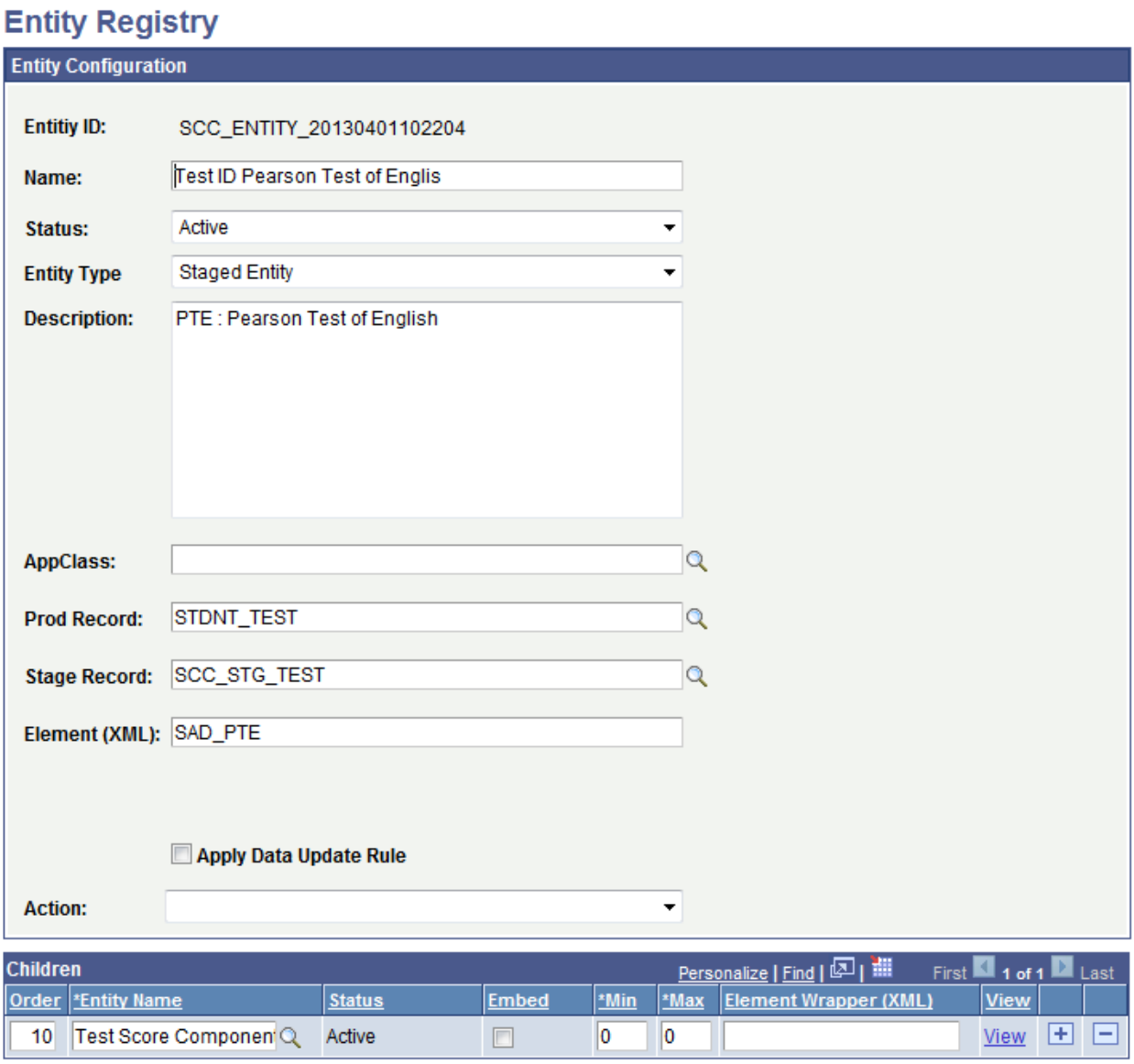
For more information about the CTM Transaction Security page:
See *PeopleSoft Campus Community Fundamentals 9.0 PeopleBook*, “Working with Constituent Transaction Management", Setting Up CTM, Setting Up CTM Transaction Security

Understanding the Entity Registry Impacts

In order to enable – in future – the filtering of attributes defined within the Common Attribute Framework by test ID on the Additional Test Data section both on Prospect/Admissions Staging and Test Results components, a script has been delivered to create entities for each test ID you have defined within your system. In addition, the system automatically creates an entity for a new test ID that you add through the Test Tables component.

Note: The script will run automatically when you apply Bundle 30 via PeopleSoft Change Assistant. However, as indicated above, you cannot filter attributes by test ID. This filtering functionality may be supported by PDL in the future.

This is an example of the entity registry record that the system creates for the PTE test:



Entity Registry Example for the PTE Test

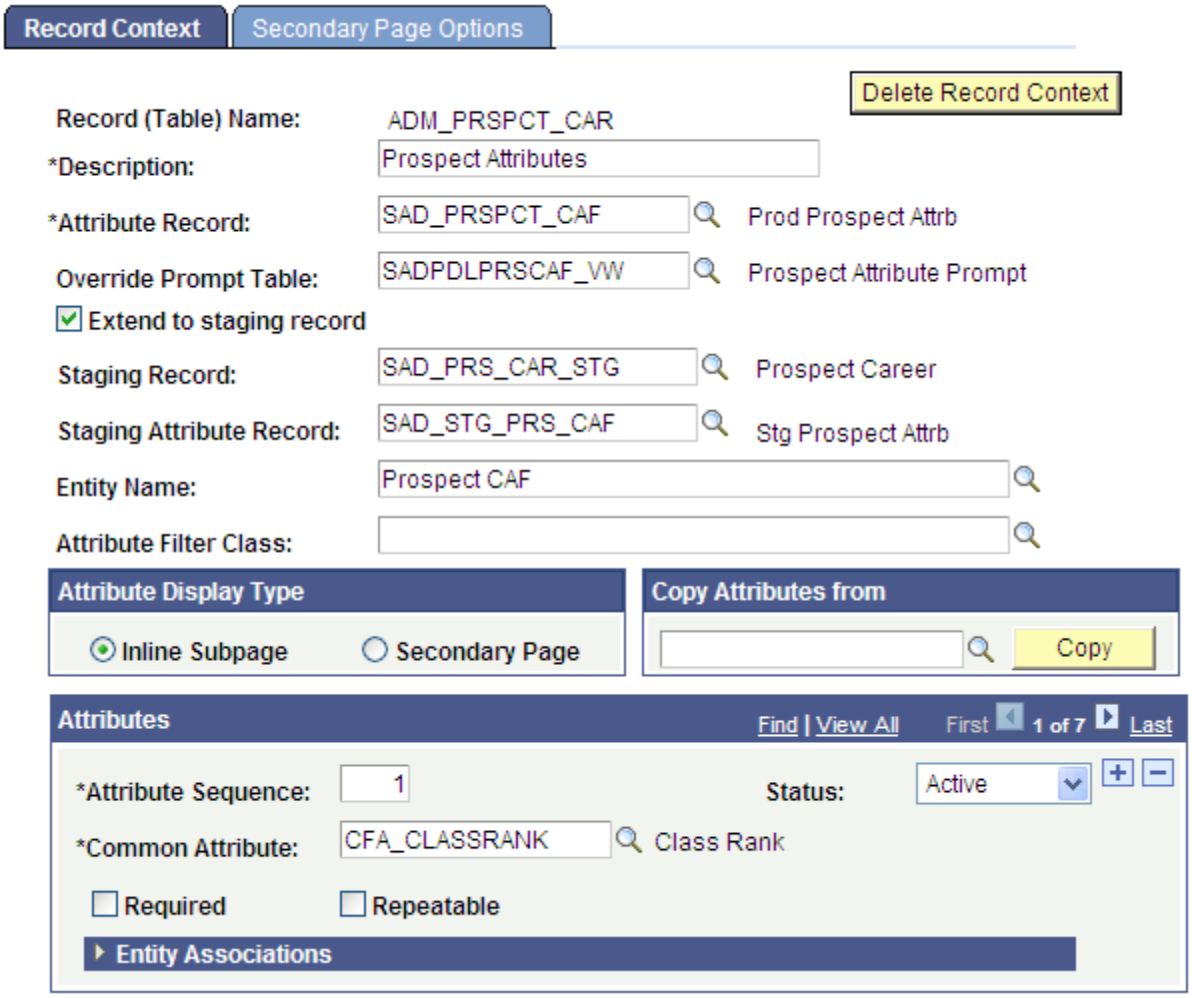
The system will assign a unique entity ID to each test ID that you set up. The Test Tables page will also display this entity ID. The name assigned for each Test ID Entity will use the following name convention <Test ID> <Description from Test Table>. The Description for each Test ID Entity will use the following naming convention <Value entered for Test ID>: <Description from Test Table>.

See *PeopleSoft Recruiting and Admissions 9.0 PeopleBook*, "Setting Up External Test Score Loads", Defining External Tests

Setting Up Common Attribute Framework

PDL is leveraging the Common Attribute Framework to enable you to store additional data loaded from external data sources for test scores and prospects. Examples have been delivered but you may choose to add additional attributes for the data you are loading.

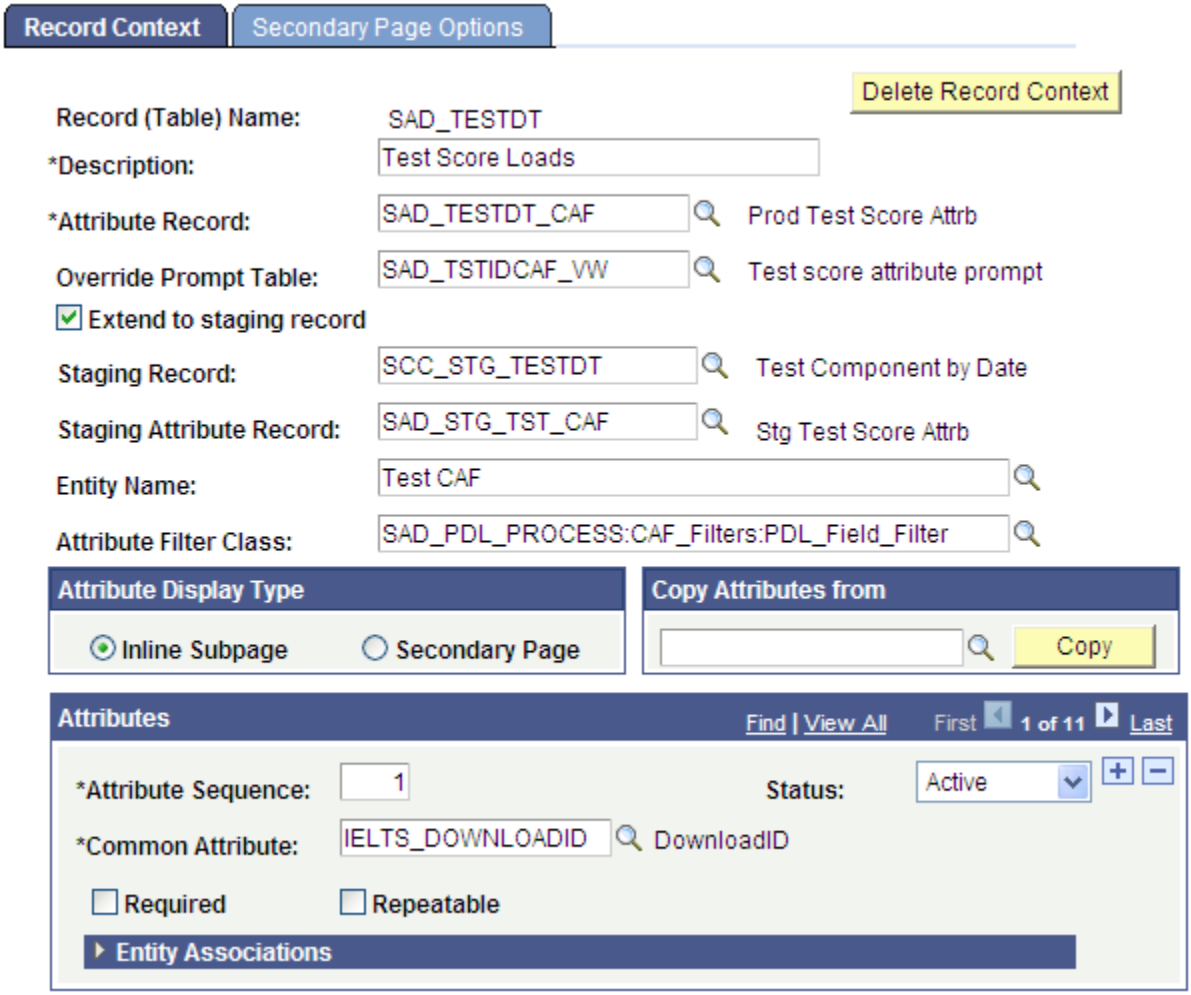
For extending prospect career data, a record context has been delivered for ADM_PRSPCT_CAR and its corresponding staging record SAD_PRS_CAR_STG.



Record Context for Prospect Career

For additional data you want to store for your prospect, define a common attribute and add it to the Attributes section on this page.

To allow you to store additional test score data by test date, a record context has been delivered for SAD_TESTDT and its corresponding staging record SCC_STG_TESTDT.



Record Context for Test Date

For additional data you want to store for your specific test, define a common attribute and add it to the Attributes section on this page.

Note: If common attributes are changed, added or deleted, run the Entity Property Sync process (Set Up SACR, System Administration, Entity, Entity Property Sync) to keep the corresponding Entity Registry definitions in sync.

See *PeopleSoft Recruiting and Admissions 9.0 PeopleBook*, “Recruiting Prospective Students”, Adding Prospects Through the Create/Update Prospects Component

See *PeopleSoft Recruiting and Admissions 9.0 PeopleBook*, “Tracking Supporting Prospect and Applicant Information”, Tracking Supporting Information for Prospects and Applicants

Setting Up Prospect Configuration

To configure the PDL Transactions, use the Prospect Configuration component (SAD_PDL_CONFIG).

This section discusses how to:

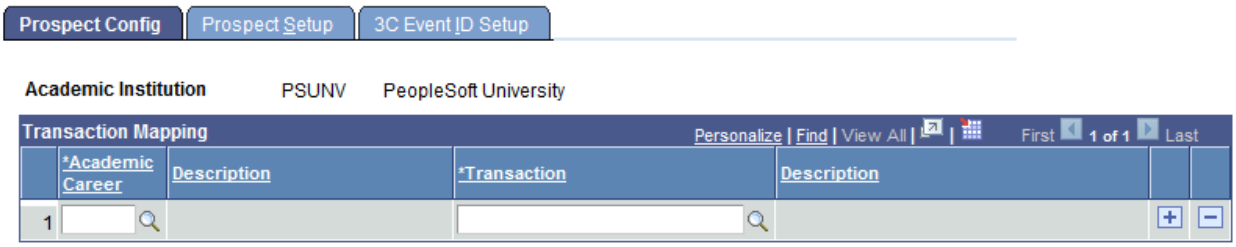
- Map online PDL transactions to academic careers.
- Set up prospect defaults for PDL transactions.
- Set up 3C Event IDs to assign for each PDL transaction.

Pages Used to Set Up Prospect Configuration

Page Name	Definition Name	Navigation	Usage
Prospect Config	SAD_PDL_TRN_MAP	Set Up SACR, Product Related, Recruiting and Admissions, Prospects, Prospect Configuration, Prospect Config	Map online PDL transactions to academic careers. **NOTE:** To be used for future functionality. Do not set up at this time.
Prospect Setup	SAD_PDL_SETUP	Set Up SACR, Product Related, Recruiting and Admissions, Prospects, Prospect Configuration, Prospect Setup	Define how the system should assign a recruiting center to a prospect. The system uses this setup when you use File Parser to load prospects in batch via a calculated field.
3C Event ID Setup	SAD_PDL_3C_SETUP	Set Up SACR, Product Related, Recruiting and Admissions, Prospects, Prospect Configuration, 3C Event ID Setup	Optional – Define a 3C Event ID to assign for each transaction code when the transaction is processed.

Mapping Online Prospect/Admissions Data Load Transactions to Academic Careers

Access the Prospect Config page (Set Up SACR, Product Related, Recruiting and Admissions, Prospects, Prospect Configuration, Prospect Config).



Prospect Config Page

You can enter only online transactions in the Transaction field. At the time of delivering this document, PDL does not currently support online transactions so you should not populate this page.

Setting Up Prospect Defaults for Prospect/Admissions Data Load Transactions

Access the Prospect Setup page (Set Up SACR, Product Related, Recruiting and Admissions, Prospects, Prospect Configuration, Prospect Setup).

Prospect Config | **Prospect Setup** | 3C Event ID Setup

Academic Institution PSUNV PeopleSoft University

Prospect Mapping Personalize | Find | View All | First 1-10 of 11 Last

Criteria | Assigned Values

	*Career	Description	Program	Description	Plan	Description
1	BUSN	Graduate Business				
2	GRAD	Graduate				
3	GRAD	Graduate	GLAU	Graduate Liberal Arts Programs	MATH-G	Math Minor - Graduate
4	GRAD	Graduate	GLAU	Graduate Liberal Arts Programs	TEACH-I	Teaching-MA
5	UENG	Undergraduate Engineering				
6	UGRD	Undergraduate				
7	UGRD	Undergraduate	FAU	Fine Arts Undergraduate		
8	UGRD	Undergraduate	FAU	Fine Arts Undergraduate	MUS-BA	Music-BA
9	UGRD	Undergraduate	LAU	Liberal Arts Undergraduate		
10	UGRD	Undergraduate	LAU	Liberal Arts Undergraduate	BIOLBS	Biology (BS)

Prospect Setup page: Criteria Tab

Prospect Config | **Prospect Setup** | 3C Event ID Setup

Academic Institution PSUNV PeopleSoft University

Prospect Mapping Personalize | Find | View All | First 1-10 of 11 Last

Criteria | Assigned Values

	Recruiting Center	Description	Recruiting Status	Referral Source	Description
1	BUSN	Graduate Business College	Prospec	GFRM	Graduate Forum
2	GRAD	Graduate - Central	Prospec	TSCR	Test Scores
3	GRMT	Graduate Math Department	Prospec	TSCR	Test Scores
4	GRMT	Graduate Math Department	Prospec	TSCR	Test Scores
5	UENG	Undergraduate Engineering	Prospec	INQ	Student Inquiry
6	UGRD	Undergraduate	Prospec	TSCR	Test Scores
7	UFAU	UGRD Fine Arts	Inquiry	FAIR	College Fair
8	UMUD	UGRD Music and Dance	Prospec	INQ	Student Inquiry
9	ULAU	UGRD Liberal Arts	Prospec	TSCR	Test Scores
10	UGRD	Undergraduate	Prospec	INQ	Student Inquiry

Prospect Setup page: Assigned Values Tab

Ensure that all the academic career, program, and plan combinations for File Parser PDL transactions are mapped to a valid recruiting center on the Prospect Setup page.

Use the Criteria tab to define the selecting criteria — such as academic career, academic program, and academic plan — that will constitute a particular group of prospects. Use the Assigned Values tab to define the recruiting center that the system can assign to the particular prospect group. For batch prospects loaded through File Parser, a calculated field can be built on the file mapping definition to look at this setup to determine the recruiting center to populate.

The system requires a recruiting center to create a prospect. Therefore, you must map each career with a recruiting center on the Prospect Setup page to be used with a calculated field through File Parser unless you define a default recruiting center on the File Parser mapping definition.

Criteria

Career Enter the career for which you want to assign a recruiting center.

Program Optionally, enter the program for which you want to assign a recruiting center

Plan Optionally, if you have entered a program, enter the plan for which you want to assign a recruiting center.

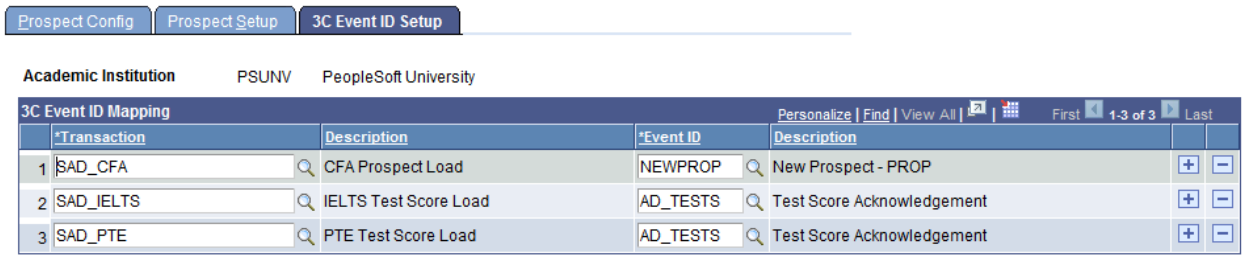
Note: When determining the recruiting center assignment, the delivered calculated field example uses the following order: academic plan, academic program, and academic career.

Assigned Values

Enter the recruiting center, recruiting status and referral source for the row entered on the Criteria tab.

Setting Up 3C Event IDs for Prospect/Admissions Data Load Transactions

Access the 3C Event ID Setup page (Set Up SACR, Product Related, Recruiting and Admissions, Prospects, Prospect Configuration, 3C Event ID Setup).



3C Event ID Setup page

This is an optional setup. If you want to assign a 3C event ID for a specific transaction, set up this page. The 3C event ID will be inserted into the 3C Trigger Results table upon posting the PDL transaction.

Only the event IDs that have the administrative functions GEN (General), PROS (prospect) and PROP (prospect program) are available. Select an event ID for PROP only if you are certain you will be populating prospect program. Define event IDs on the Event Definition page.

See *PeopleSoft Enterprise Campus Community 9.0 Fundamentals PeopleBook*, "Using the 3C Engine," Defining 3C Engine Events.

Setting Up File Parser

Use the Campus Community File Parser utility to load prospect/admissions data from a text file into Campus Solutions.

Before You Begin

Before you begin setting up File Parser to load your external prospect or admissions data, there are a few things that might be helpful to do. You may want to consider doing this with a spreadsheet or data modeling tool:

- Review the external data to determine which staging records and fields will be populated. Utilize the Entity Registry feature to get a clear understanding of the staging table hierarchy.
- Document each record to be populated, the fields within each record that will come from the external data, and which fields need to be populated with default values. Utilize the AAWS Data Mapping and Entity Catalog document or the Entity Registry component's Entity Properties page to view each of the staging records and their associated fields.
- Determine which incoming fields will need to be converted to internal values.
- Document the non-required incoming data elements so you know which records need to have the Skip if Blank check box selected for the mapped data element.
- Determine which fields require developing a calculated field. Examples include: Recruiting Center, External Organization ID and Degree Description.

File Parser Setup

File Parser consists of several key components:

- **Field Conversion Definitions** – Identifies external file field values to convert before storing the data in the target staging table.
- **Context Definitions** – Identifies the parent-to-child relationship of the staging tables that will be used to hold the data.
- **File Mapping Definitions –** Associates fields on the external file with the records in the context definition.

Important! Do not modify any of the delivered file mapping definition or file conversion definition templates. Use the copy functionality to create a new version before you make modifications.

Make sure you enter a row for the required constituent (CTM) and Prospect/Admissions staging records on the Context Definition page and the Mapping page of the File Mapping Definition component:
Required for all PDL transactions:

- SCC_STG_CONSTIT. Should be the first record. It is required to set the following fields, even though they are not necessarily required in the record:
    - SUBMITTED - Default to *N*
    - SCC_TRANSAC_CD – Default according to transaction setup
    - SCC_STG_STATUS – Default to *LD* (Loaded)
    - SCC_STG_STATUS_DT – Default to %Date
- SCC_SL_TRNMAP (Select the Force Insert check box)
- SCC_STG_NAMES
- SCC_STG_PERSSA (Select the Force Insert check box if no incoming fields are mapped)
- SAD_PDL_HDR_STG. It is required to set the following fields, even though they are not necessarily required in the record:
    - SCC_TRANSAC_CD – Default according to transaction setup
    - SAD_CRM_POST – Default to *1*
    - SCC_TRANS_STS – Default to *SB* (Submitted) or *SV* (Saved) depending on your business process

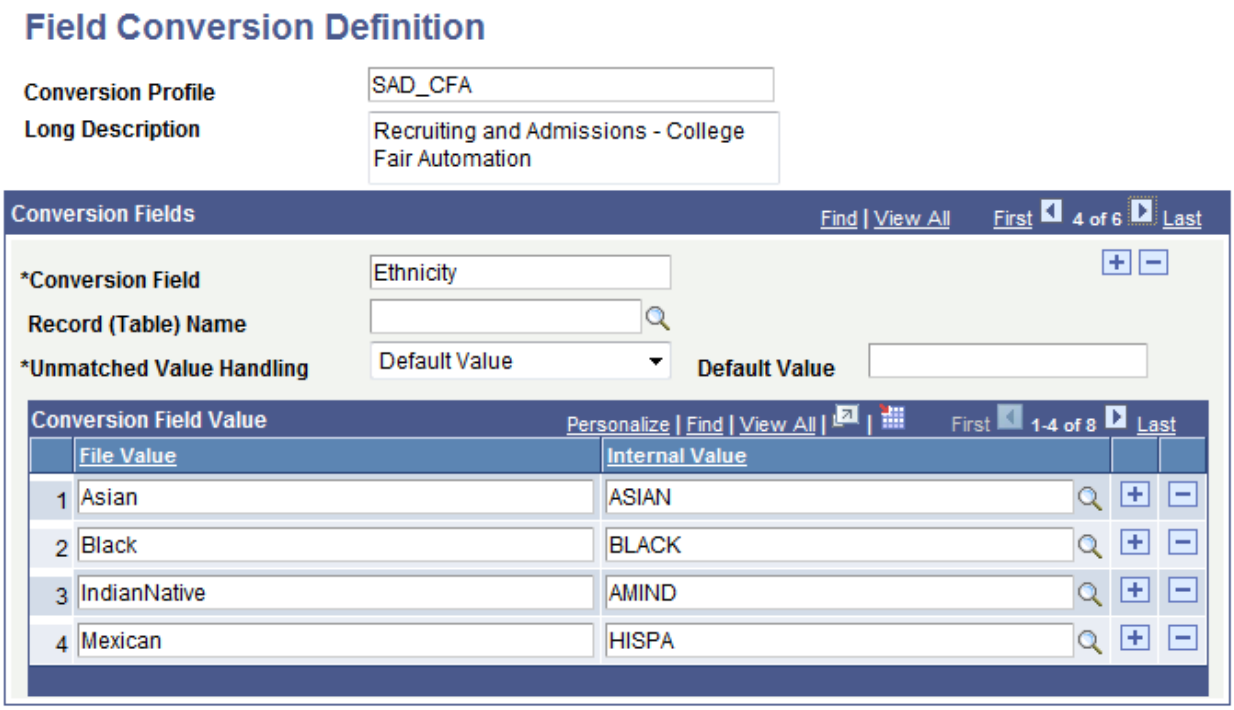
- SCC_TRANS_STS_DT – Default to %Date

Required if loading prospects:
- SCC_STG_STD_CAR
- SAD_PRS_CAR_STG

Required if loading test scores:
- SCC_STG_TEST
- SCC_STG_TESTCMP – Enter a row on the File Mapping Definition component for each test component

Warning! When using a file to upload data into the stage records, do not populate the EMPLID field with a value that is not already created inside your production database. Doing so will cause the post process to production tables to fail (the EMPLID value passed will not be used to create a new EMPLID). The same is also true for the User ID (USERID field). The process will not create a User ID using the value entered in the file.

Use the Field Conversion Definition page to define field values in the external file that must be converted to internal values. Add any additional fields and complete the definition for the fields delivered.



Example of a field conversion definition

Use the Context Definition page to add the staging tables that need to be updated when loading data from the external file. Ensure that you enter the correct value for the Parent Record field. For Prospect/Admissions Data Load transactions, SCC_STG_CONSTIT must be the first record entered as it is the parent to all records.

Context Definition | Record Tree

*Context Name: SAD_PTE Conversion Definition:

Staging Table Records Find | View All First 1 of 18 Last

*Record: SCC_STG_CONSTIT Constituent Sort Order: 10

Parent Record:

Synchronize Record Fields

Staging Table Fields Personalize | Find | View 10 | First 1-21 of 21 Last

	Field Name	Field Type	*Mapping Action	Visible for Mapping	Value	Field Format	Counter Record Name	Counter Field
1	SCC_TEMP_ID	Number	Unique Counter	☐			SCC_STG_CTRS	SCC_TEMP_ID
2	SUBMITTED	Char	No Default	☑				
3	USERID	Char	No Default	☑				
4	EMPLID	Char	No Default	☑				
5	SCC_TRANSAC_CD	Char	No Default	☑				
6	BIRTHDATE	Date	No Default	☑				
7	BIRTHPLACE	Char	No Default	☑				
8	BIRTHSTATE	Char	No Default	☑				
9	BIRTHCOUNTRY	Char	No Default	☑				
10	DT_OF_DEATH	Date	No Default	☑				
11	SCC_STG_STATUS	Char	No Default	☑				
12	SCC_STG_STS_DT	Date	No Default	☑				
13	CREATED_DTTM	DTTM	No Default	☑				
14	LASTUPDDTTM	DTTM	No Default	☑				
15	SCC_SUBMITTED_DTTM	DTTM	No Default	☑				
16	SCC_ROW_ADD_OPRID	Char	Default Value	☐	%OperatorID			
17	SCC_ROW_ADD_DTTM	DTTM	Default Value	☐	%DateTime			
18	SCC_ROW_UPD_OPRID	Char	Default Value	☐	%OperatorID			
19	SCC_ROW_UPD_DTTM	DTTM	Default Value	☐	%DateTime			
20	SCC_UID_ADMIN	Char	No Default	☑				
21	SCC_ADMIN_MODE	Char	No Default	☑				

Example of a context definition

For Prospect/Admissions Data transactions, you must include the following unique counter on the record SCC_STG_CONSTIT:

- SCC_TEMP_ID: SCC_STG_CTRS.SCC_TEMP_ID

Use the File Definition page to provide information about the external file.

File Definition | File Layout | Mapping | Preview Layout | Preview Data

Map Name

*Map Name: SAD_PTE_TESTPROSPECT *Status: Active

*Context Definition: SAD_PTE

*File Type: Delimited *Delimiter: Comma *Qualifier: "

Conversion Definition: SAD_PTE

☐ Multiple Row Types

Example of a file definition

Important! Changing the value in the Context Definition field will delete any existing setup on both the File Layout and Mapping tabs. Do not change this value unless you want to start over with any setup you have completed.

Use the File Layout page to define fields from the external file that will be loaded into the staging tables. The fields should be entered in the exact order of the file layout you are loading. In addition, the Field Type setting needs to be set to the same field type as that of the field you will be mapping it to. Set field formats as needed for date fields and character fields.

File Definition | File Layout | Mapping | Preview Layout | Preview Data

Map Name SAD_PTE_TESTPROSPECT

Row Types Find First 1 of 1 Last

Row Type SAD_PTE_TESTPROSPECT **Staging Table** Load Fields

File Fields Personalize | Find | View 10 | First 1-40 of 40 Last

	*Sort Order	*File Field Name	Field Number	Field Type	Field Format	Trim	Date Separator	Decimal Position
1	10	LAST NAME	1	Character				
2	15	LAST NAME SRCH	1	Character	Upper			
3	20	FIRST NAME	2	Character				
4	25	FIRST NAME SRCH	2	Character	Upper			
5	30	MIDDLE NAME	3	Character				
6	40	GENDER	4	Character				
7	50	DATE OF BIRTH	5	Date	DDMMMYYYY		-	
8	60	TELEPHONE NUMBER	6	Character				
9	70	ADDRESS LINE 1	7	Character				
10	80	ADDRESS LINE 2	8	Character				
11	90	ADDRESS LINE 3	9	Character				
12	100	CITY	10	Character				
13	110	STATE/PROVINCE/COUNTY	11	Character				
14	120	POSTAL CODE	12	Character				
15	130	COUNTRY OF RESIDENCE	13	Character	Upper			
16	140	COUNTRY OF CITIZENSHIF	14	Character	Upper			
17	150	EMAIL ADDRESS	15	Character				
18	160	REGISTRATION ID	16	Character				
19	170	TEST DATE	17	Date	DDMMMYYYY		-	
20	180	SCORES VALID UNTIL	18	Date	DDMMMYYYY		-	
21	190	FIRST-TIME TEST TAKER	19	Character				
22	200	OVERALL PERCENTILE	20	Number				
23	210	LISTENING PERCENTILE	21	Number				
24	220	READING PERCENTILE	22	Number				
25	230	SPEAKING PERCENTILE	23	Number				
26	240	WRITING PERCENTILE	24	Number				

Example of a file layout

Use the Mapping page to associate fields defined on the File Layout page with staging table fields defined in the context definition.

File Definition | File Layout | Mapping | Preview Layout | Preview Data

Map Name SAD_PTE_TESTPROSPECT

Row Types — Find — First 1 of 1 Last

Row Type SAD_PTE_TESTPROSPECT

Field Mapping — Find | View All — First 1 of 32 Last

*Record SCC_STG_CONSTIT Row 1 Force Insert Auto Map Synchronize to Context

Field Mapping Detail — Personalize | Find | View 10 | First 1-16 of 16 Last

Mapping | Format

	Field Name	Field Type	Required	*Mapping Action	File Field Name	Sub Parse Field	Value	Skip if Blank
1	SUBMITTED	Char	No	Default Value			N	
2	USERID	Char	No	None				
3	EMPLID	Char	No	None				
4	SCC_TRANSAC_CD	Char	No	Default Value			SAD_PTE	
5	BIRTHDATE	Date	No	Direct from File	DATE OF BIRTH			
6	BIRTHPLACE	Char	No	None				
7	BIRTHSTATE	Char	No	None				
8	BIRTHCOUNTRY	Char	No	None				
9	DT_OF_DEATH	Date	No	None				
10	SCC_STG_STATUS	Char	No	Default Value			LD	
11	SCC_STG_STS_DT	Date	No	Default Value			%Date	
12	CREATED_DTTM	DTTM	No	Default Value			%DateTime	
13	LASTUPDDTTM	DTTM	No	Default Value			%DateTime	
14	SCC_SUBMITTED_DTTM	DTTM	No	None				
15	SCC_UID_ADMIN	Char	No	None				
16	SCC_ADMIN_MODE	Char	No	None				

Example of a file mapping

For Prospect/Admissions data loads, the first record should always be SCC_STG_CONSTIT and the second record should be SCC_SL_TRNMAP. Enter rows for other staging records you want to populate in the proper parent-child relationship order.

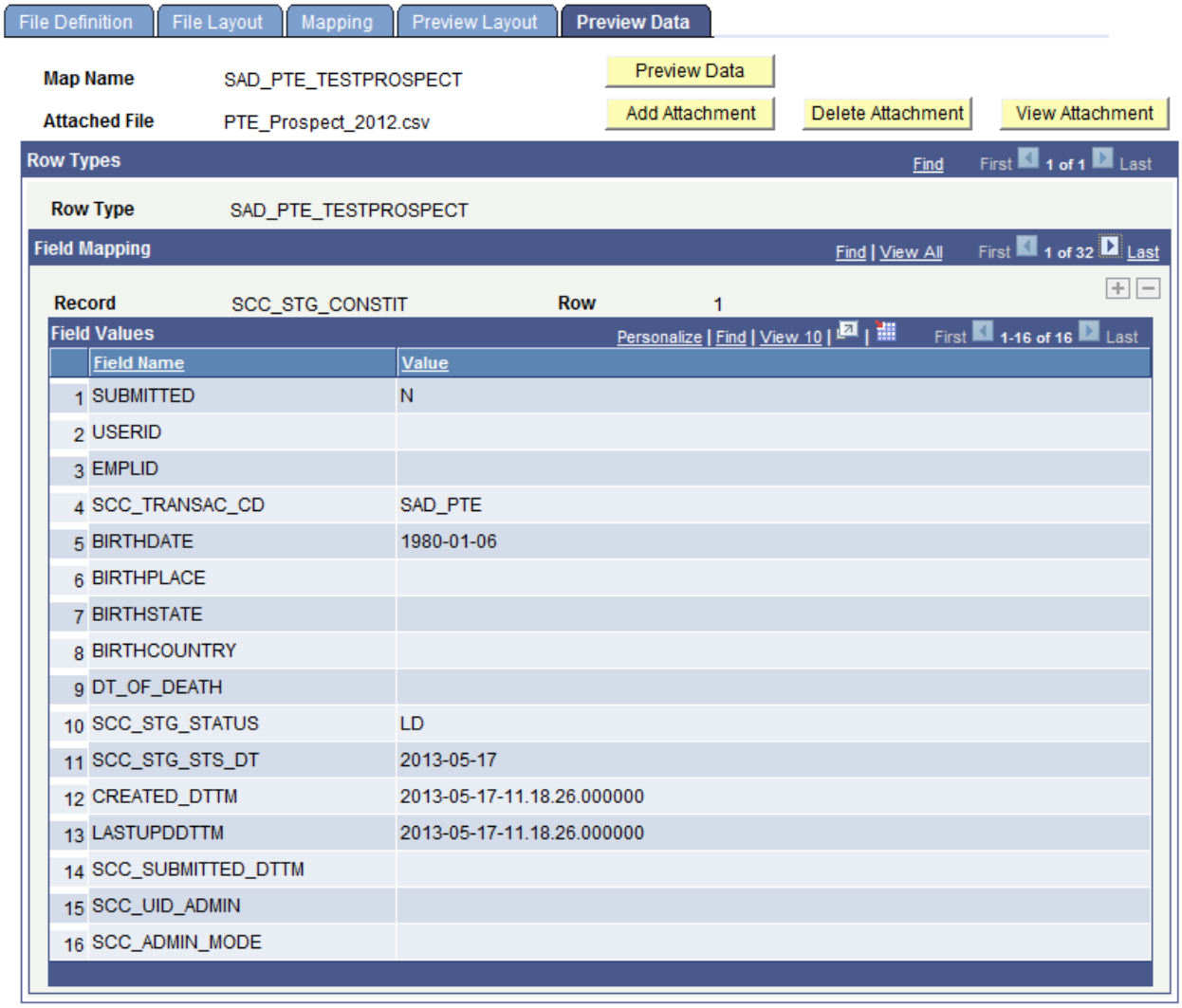
There could be required description fields that may require a calculated field to populate. File Parser does not populate the description based on the code populated. You must build a calculated field to load a description. Examples of required description fields:

- Academic Interests - SCC_STG_ADMINT.DESCR
- Extracurricular Activities - SCC_STG_EXTRACU.DESCR
- External Degrees - SCC_STG_EXTDEGR.DESCR

You should also build calculated fields for LAST_NAME_SRCH and FIRST_NAME_SRCH on SCC_STG_NAMES to remove all characters and spaces. Sample code has been documented in the *PeopleSoft Campus Community Fundamentals 9.0 PeopleBook*, "Using the File Parser Process" PeopleBook chapter.

Use the Preview Data page to test your external file with the file parser definitions.

Note: The preview feature shows only the first row of each row type; therefore, you should use a small test file when using this component. Using a large test file is simply a waste of resources that could potentially degrade the application server.



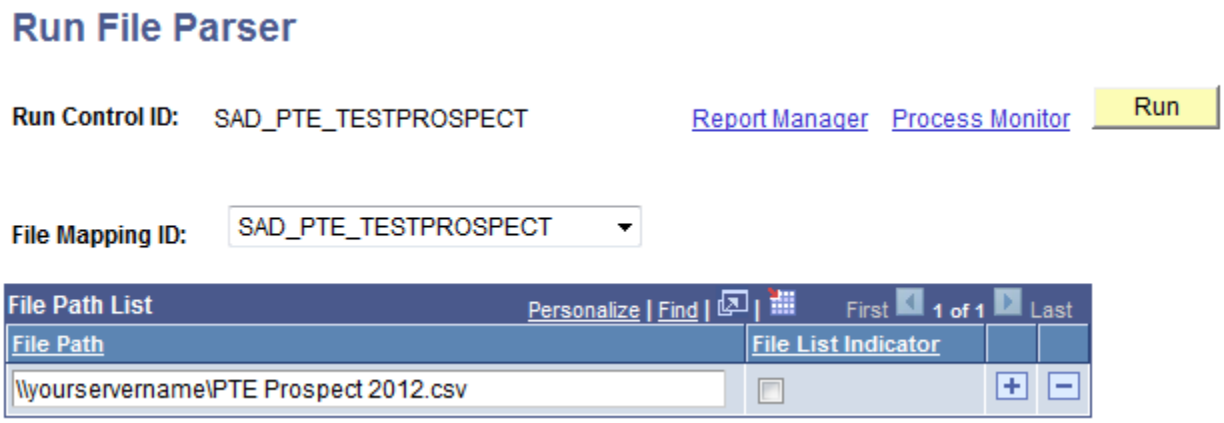
	Field Name	Value
1	SUBMITTED	N
2	USERID	
3	EMPLID	
4	SCC_TRANSAC_CD	SAD_PTE
5	BIRTHDATE	1980-01-06
6	BIRTHPLACE	
7	BIRTHSTATE	
8	BIRTHCOUNTRY	
9	DT_OF_DEATH	
10	SCC_STG_STATUS	LD
11	SCC_STG_STS_DT	2013-05-17
12	CREATED_DTTM	2013-05-17-11.18.26.000000
13	LASTUPDDTTM	2013-05-17-11.18.26.000000
14	SCC_SUBMITTED_DTTM	
15	SCC_UID_ADMIN	
16	SCC_ADMIN_MODE	

Example of previewing data

Running the File Parser Process

Run the File Parser process to load the prospect/admissions data from a text file into the staging tables. Each record is loaded as a PDL transaction based on the default transaction code defaulted on SCC_STG_CONSTIT and SAD_PDL_HDR_STG on the Mapping page.

Use the Run File Parser page to run the File Parser process.



Example of a Run File Parser page

Reviewing and Editing Staged PDL Transactions

After loading the PDL data into the staging tables, review the staged constituent and prospect/admissions data. To review and edit the PDL transactions, use the Prospect/Admissions Staging component (SAD_PDL_DATA_STG).

This section discusses:

- Impact of CTM transaction security on navigation.
- Header on the Prospect/Admissions staging pages.
- Reviewing academic data and error messages.
- Reviewing education history.
- Reviewing prospect data.
- Reviewing general materials and attachments.

Pages Used to Review and Edit Staged PDL Transactions

Page Name	Definition Name	Navigation	Usage
Academic Information	SAD_PDL_ACAD_INFO	Student Recruiting, Prospect/Admissions Data Mgmt, Prospect/Admissions Staging, Academic Information	Review the error messages pertaining to the PDL transaction in the staging record. Review and edit the additional academic information pertaining to the PDL transaction in the staging record. Additional academic information includes test results, additional test data using the Common Attribute Framework and academic interests.
Education History	SAD_PDL_EDUC_HIST	Student Recruiting, Prospect/Admissions Data Mgmt, Prospect/Admissions Staging, Education History	Review and edit the education history pertaining to the PDL transaction in the staging record. Education history includes information such as schools attended and degrees that are in progress or completed.
Prospect Data	SAD_PDL_PROS_DATA	Student Recruiting, Prospect/Admissions Data Mgmt, Prospect/Admissions Staging, Prospect Data	Review and edit the prospect data pertaining to the PDL transaction in the staging record. Prospect data includes prospect career, program, plan and subplan data in addition to additional prospect data using the Common Attribute Framework.

			Recruiting categories and recruiters are also included.
Supplementation Information	SAD_PDL_GEN_MATL	Student Recruiting, Prospect/Admissions Data Mgmt, Prospect/Admissions Staging, Supplemental Information	Review and edit the supplemental information pertaining to the PDL transaction in the staging record. Supplemental information includes general materials and general materials attachments.

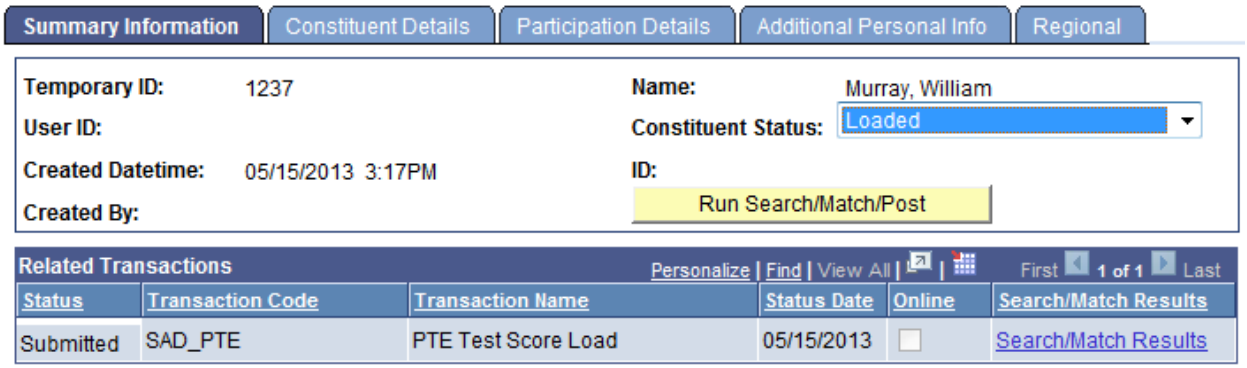
Impact of CTM Transaction Security on Navigation

One of the methods to navigate to the Prospect/Admissions Staging component is by clicking the <transaction name> link on the Constituent Staging component. There are two ways to access the Constituent Staging component:

- Campus Community menu path navigation (Campus Community, Constituent Transaction Mgmt, Constituent Staging)
- Student Recruiting menu path navigation (Student Recruiting, Prospect/Admissions Data Mgmt, Constituent Staging)

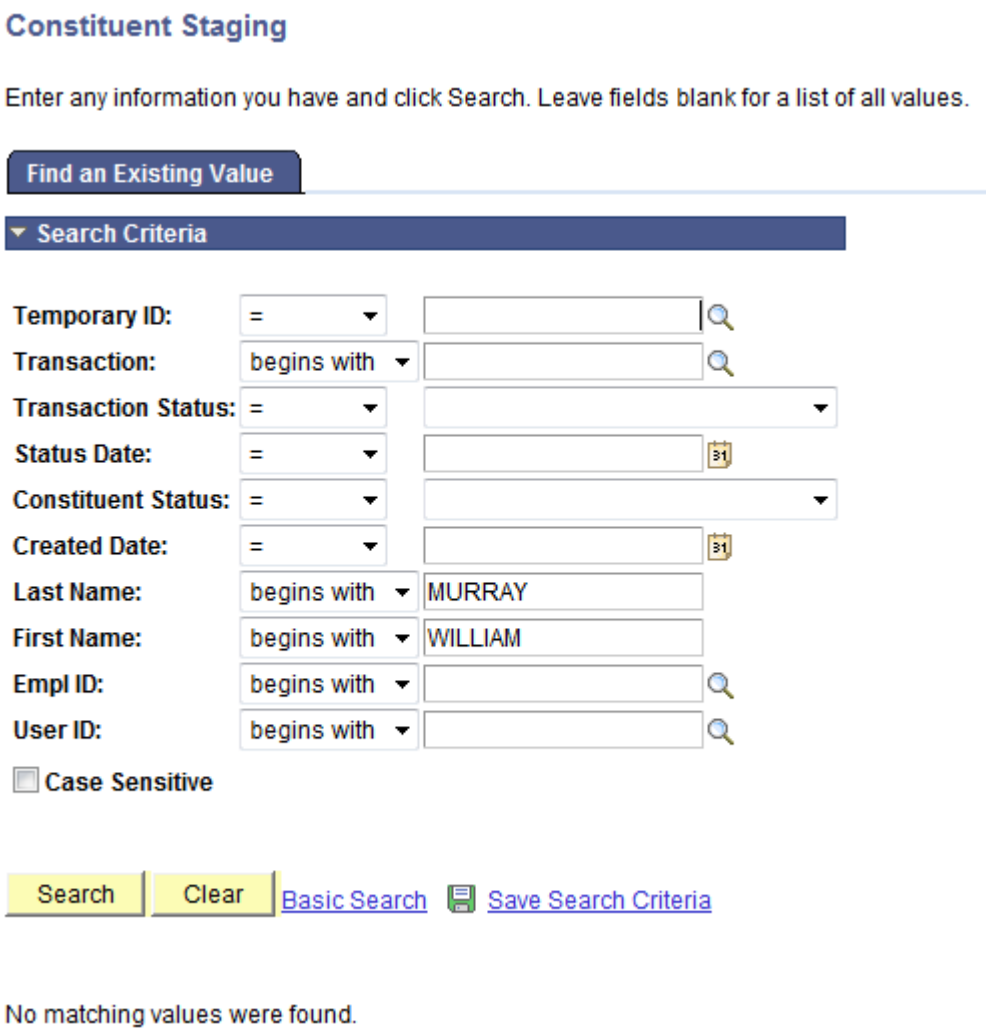
If you use the Campus Community menu path navigation and if your user ID is not associated with a particular transaction code, you cannot access the PDL data associated with that transaction code.

However, you can see the transaction that exists for the constituent. In the following example, a user can see there is a PDL transaction for the constituent. However, the user cannot view the PDL data because the <Transaction Name> link is disabled. The system has disabled the link because the user does not have access to the transaction code.



Transaction link disabled for a user who does not have transaction code access

If you use the Student Recruiting menu path navigation and if your user ID is not associated with a particular transaction, you cannot see how many transactions associated with the transaction code exist. Also, you cannot view the PDL data associated with the transaction code. Therefore, the system strictly enforces the transaction security for the Student Recruiting menu as compared to Campus Community menu where the security is not enforced. In the following example, a user cannot see whether there is a PDL transaction for the constituent because the user does not have access to the transaction code.

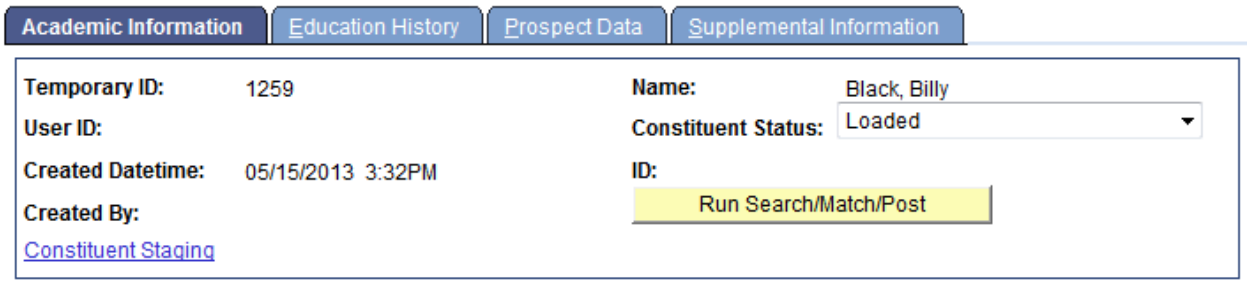


Hidden search results for a user who does not have the transaction code access

Header on the Prospect/Admissions Staging Pages

The header region on all the pages of the Prospect/Admissions Staging component is similar to the header region on the Constituent Staging component pages. This region includes options to modify the constituent status, run Search/Match/Post process or post a transaction.

Here is an example of the header region on a Prospect/Admissions Staging component page:

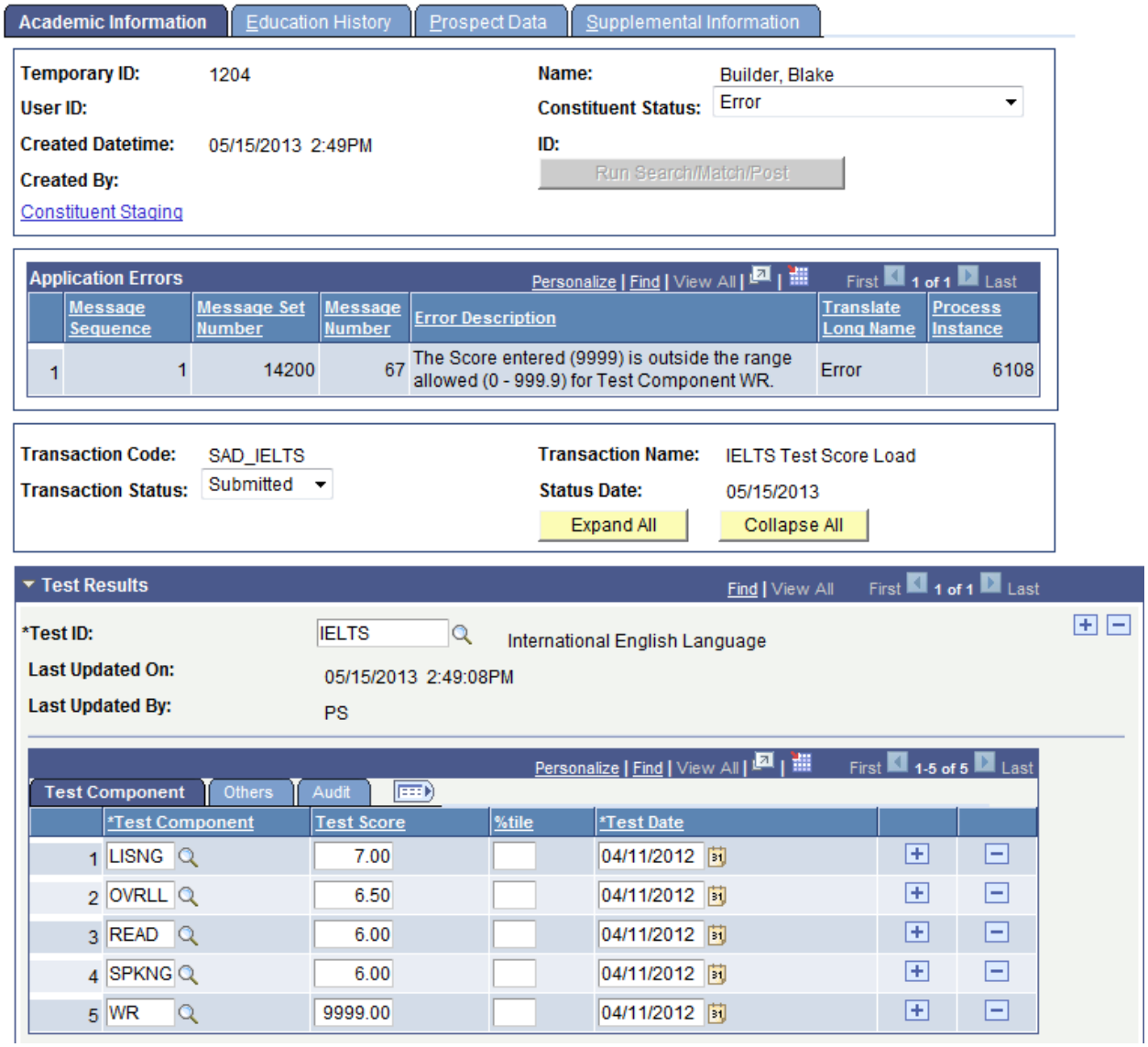


Example of a header region on the Prospect/Admissions Staging component pages

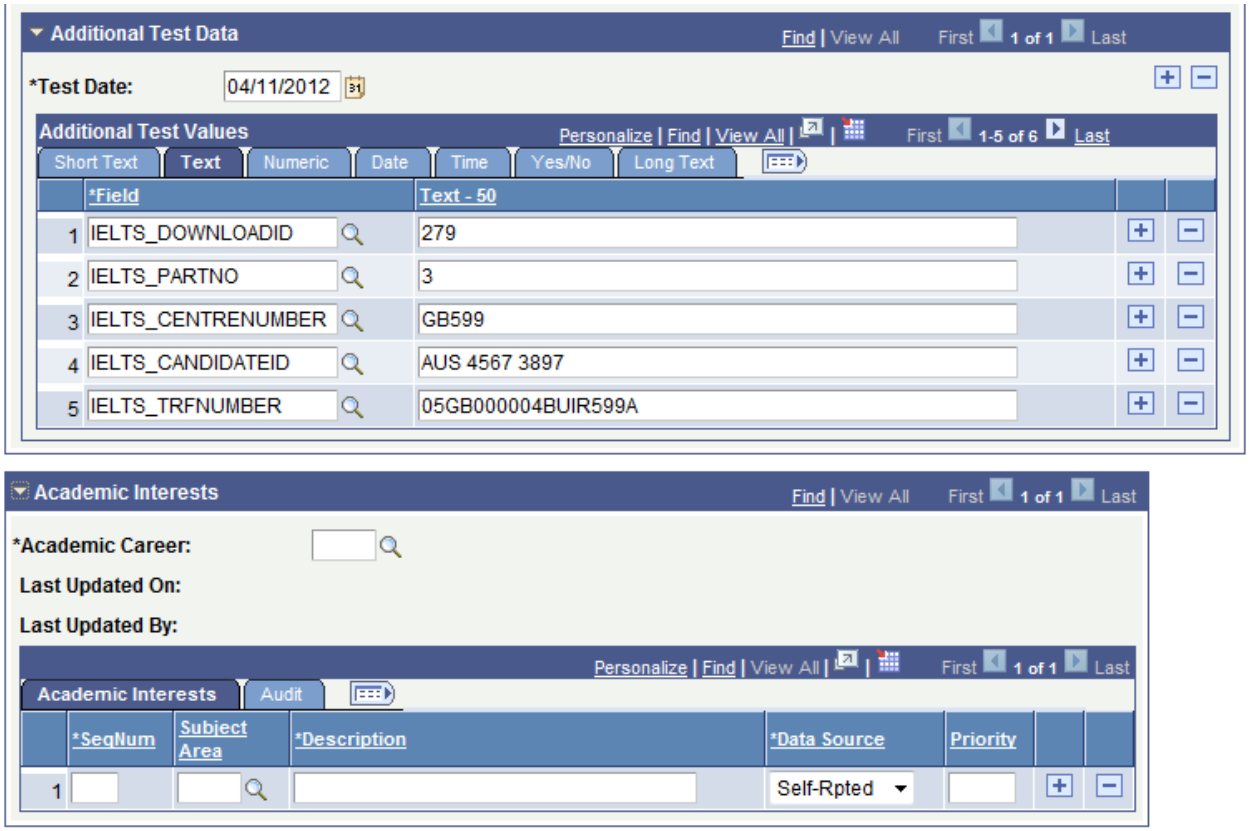
Constituent Staging Click this link to access the Constituent Staging component that contains all the pertinent person information.

Reviewing Academic Information Data and Error Messages

Access the Academic Information Page (Student Recruiting, Prospect/Admissions Data Mgmt, Prospect/Admissions Staging, Academic Information).



Academic Information page (1 of 2)



Academic Information page (2of 2)

Application Errors Errors related to the transaction data will appear here only after the Transaction Management process has been run or if the data on the component has been manually changed and saved.

Set Status to Submitted This button only appears if the transaction status is *Posted*.

If you have inadvertently posted the transaction data to a wrong ID, click the Set Status to Submitted button. On clicking the button, the system sets the transaction status back to *Submitted*. For example, you may notice that test scores were posted to a new ID but you should have posted for an existing ID. To repost the test scores to the existing ID, perform the following steps:

1. Click the Set Status to Submitted button and save the record.
2. Click the Set to Update ID button and select the existing ID.
3. Click the Run Search/Match/Post button to post the transaction.

The following table describes the transaction statuses:

Transaction Status	Description
Saved	This status indicates that system has saved the PDL transaction to the staging records and the transaction is not ready to be processed. You can manually set this status if you want to indicate that the PDL transaction is not ready for processing. When setting up the file mapping definition, you must define the default value that File Parser should assign as the transaction status on SAD_PDL_HDR_STG.

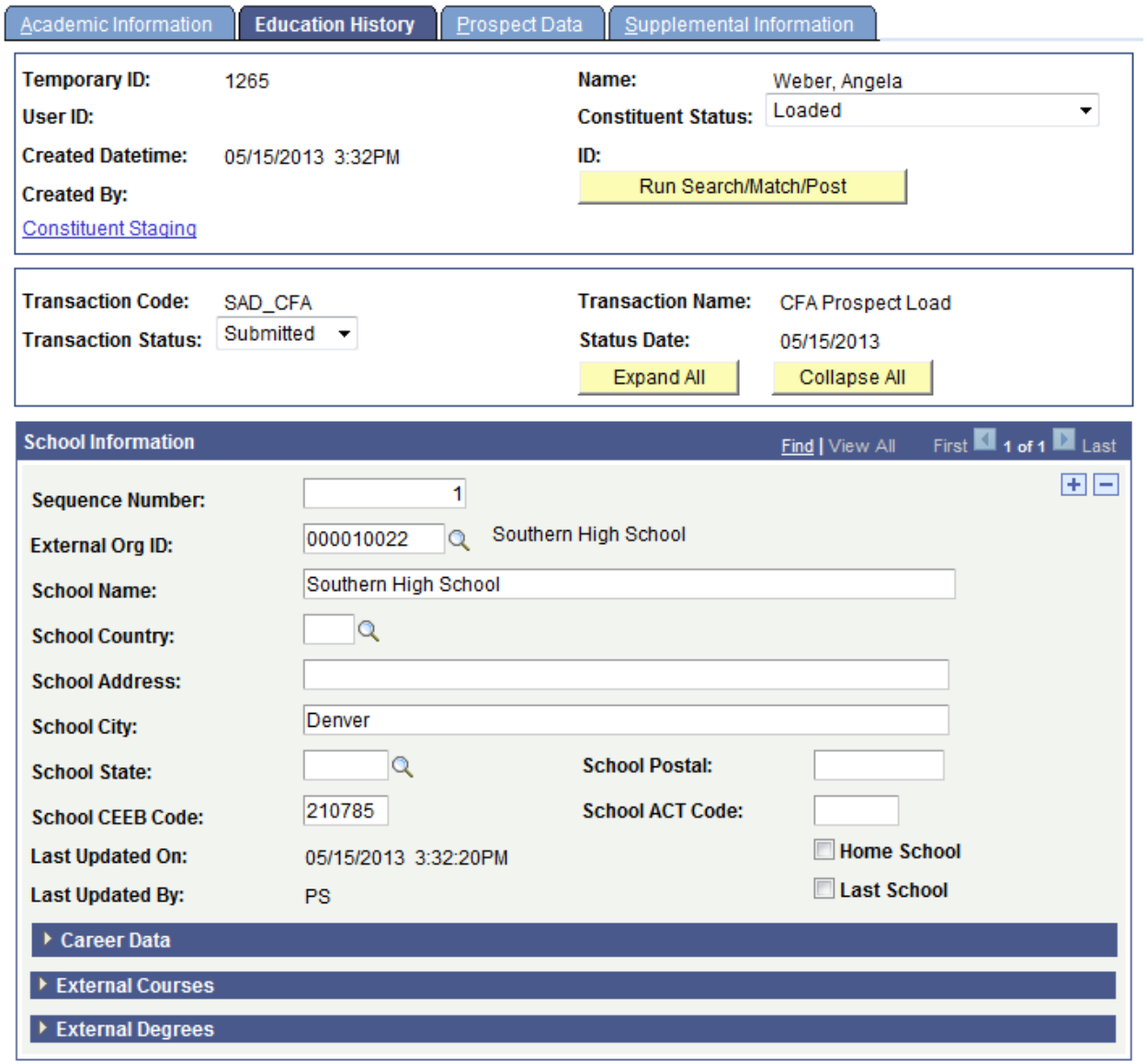
Submitted	This status indicates that system has submitted the PDL transaction to the staging records and the transaction is ready to be processed. You can manually set this status if you want to indicate that the PDL transaction is ready for processing. You cannot post *Saved* transactions; only transactions with *Submitted* status can be posted. When setting up the file mapping definition, you must define the default value that File Parser should assign as the transaction status on SAD_PDL_HDR_STG.
Saved Error	This status indicates that the system encountered problems when saving a PDL transaction. You must resolve these errors before the transaction can be posted. You cannot manually change this status. When you resolve the error and save the staging record, the system automatically sets the status back to *Saved*.
Submit Error	This status indicates that the system encountered problems when submitting a PDL transaction. You must resolve these errors before the transaction can be posted. You cannot manually change this status. When you resolve the error and save the staging record, the system automatically sets the status back to *Submitted*.
Posted	This status indicates that the system has posted the data. The system runs the posting process when you click the Post Transaction Data button or the Run Search/Match/Post button, or when you run the Transaction Management process.

Additional Test Data Enables you to store additional test score data that doesn't have a home in the core Campus Solutions records. Populate this section by test date with Common Attribute values defined within the Common Attribute Framework. The prompts in the Field column will display attributes associated on the record context for SAD_TESTDT.

Academic Interests Academic interests can only be populated if the Prospect Data page is populated.

Reviewing Education History

Access the Education History page (Student Recruiting, Prospect/Admissions Data Mgmt, Prospect/Admissions Staging, Education History).



Education History page

Reviewing Prospect Data

Access the Prospect Data page (Student Recruiting, Prospect/Admissions Data Mgmt, Prospect/Admissions Staging, Prospect Data).

Academic Information | Education History | **Prospect Data** | Supplemental Information

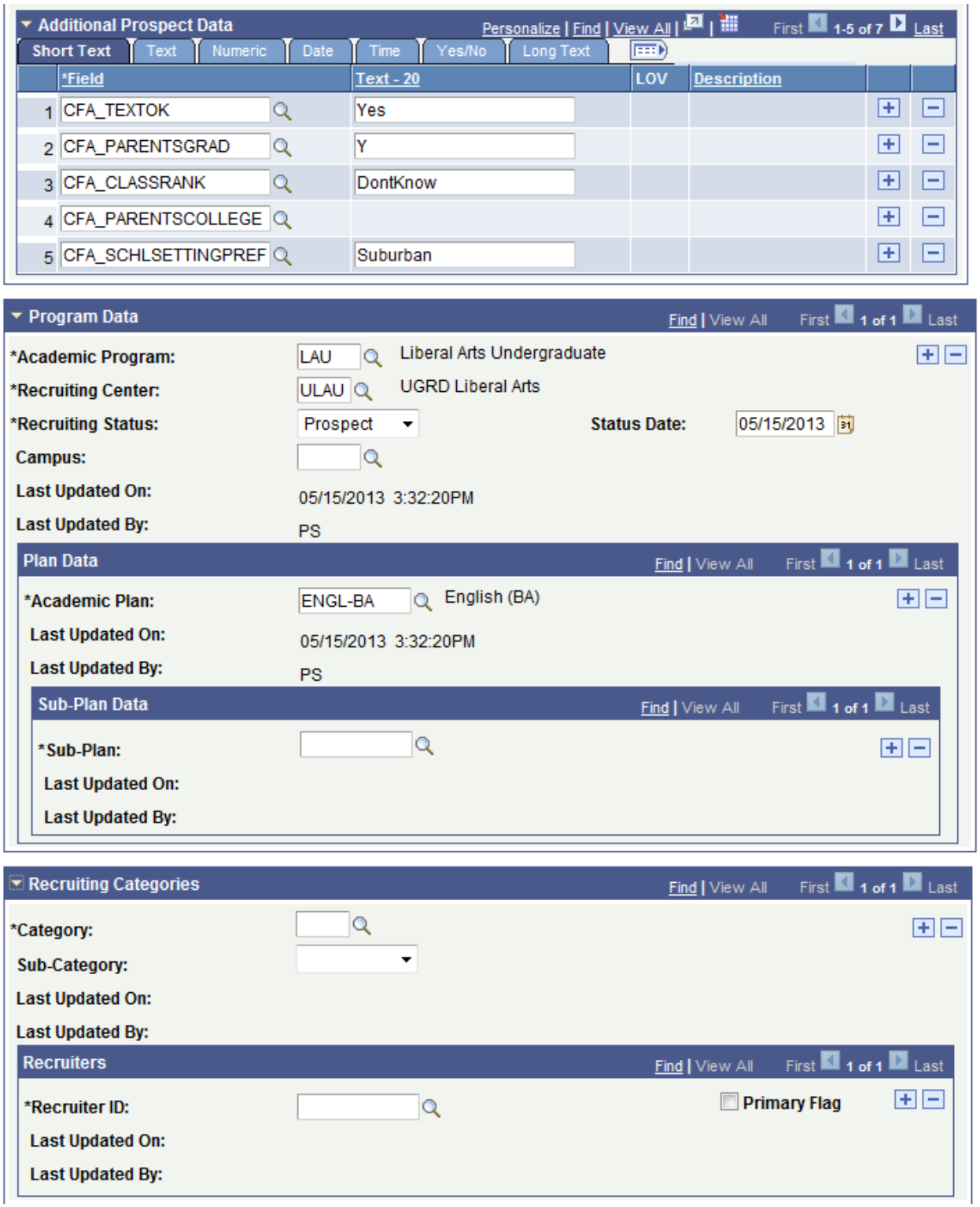
Temporary ID:	1265	**Name:**	Weber, Angela
User ID:		**Constituent Status:**	Loaded
Created Datetime:	05/15/2013 3:32PM	**ID:**	
Created By:			Run Search/Match/Post
Constituent Staging			

Transaction Code:	SAD_CFA	**Transaction Name:**	CFA Prospect Load
Transaction Status:	Submitted	**Status Date:**	05/15/2013
		Expand All	Collapse All

Prospect Career Data — Find | View All — First 1 of 1 Last

***Institution:**	PSUNV	PeopleSoft University
***Academic Career:**	UGRD	Undergraduate
Campus:	MAIN	Main Hacienda Campus
Admit Term:	0700	2013 Spring
Admit Type:	FYR	First-Year
Academic Level:		
Academic Load:		☐ **Financial Aid Interest**
Housing Interest:		☐ **Applied**
***Recruiting Status:**	Prospect	
Recruiting Status Date:	05/15/2013	
Referral Source:	FAIR	College Fair
Referral Source Date:	05/15/2013	
Created On:	05/15/2013	
***Recruiting Center:**	ULAU	UGRD Liberal Arts
Last School Attended:	000010022	Southern High School
Graduation Date:	05/15/2013	
Region:		
Region from:		
Recruiter ID:		
Last Updated On:	05/17/2013 1:35:59PM	
Last Updated By:	PS	

Prospect Data page (1 of 2)



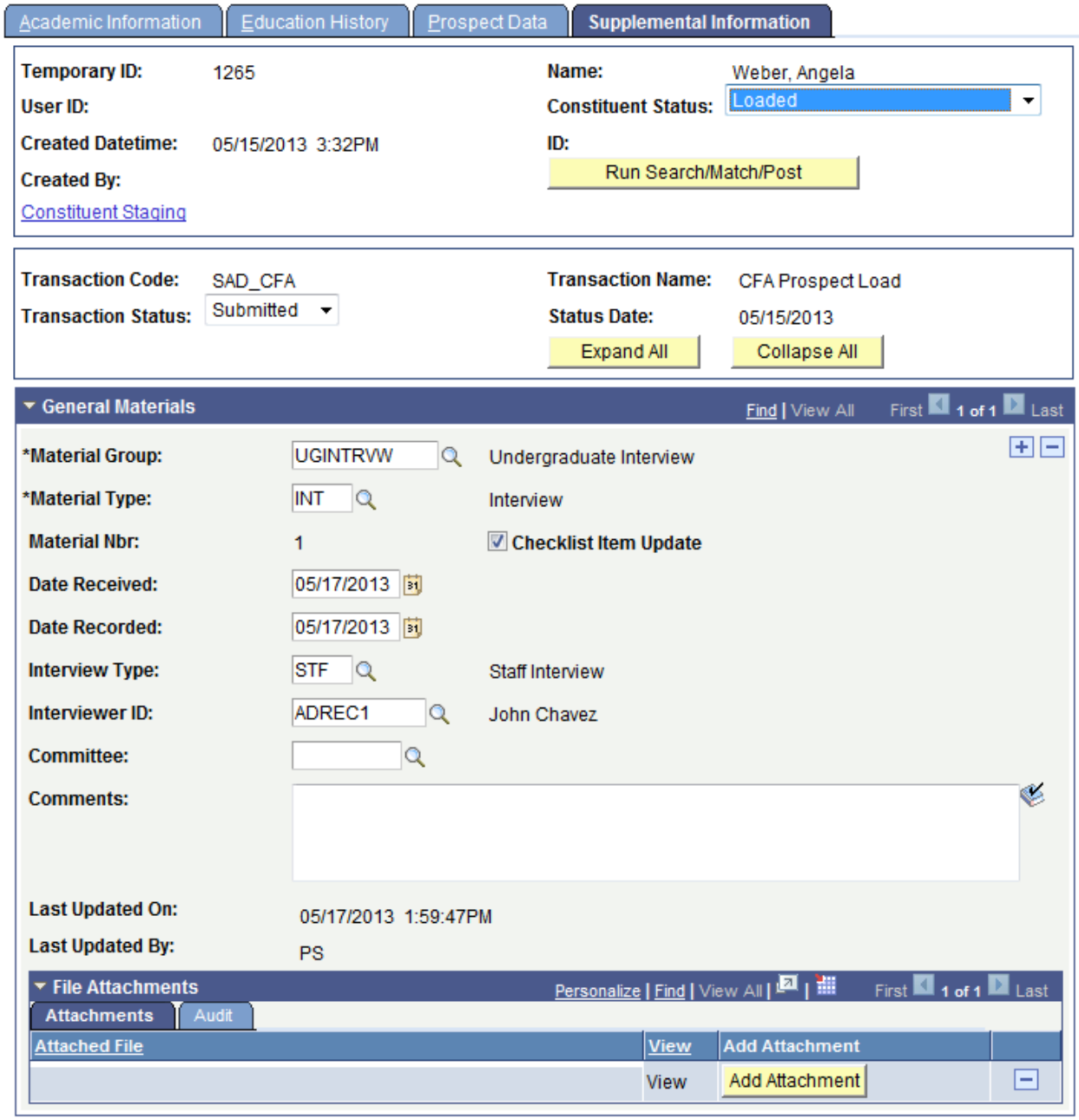
Prospect Data page (2 of 2)

Additional Prospect Data Enables you to store additional prospect data that doesn't have a home in the core prospect records. Populate this section with values for common attributes defined within the Common Attribute Framework.

The prompts in the Field column will display attributes associated on the record context for ADM_PRSPCT_CAR.

Reviewing General Materials

Access the Supplemental Information page (Student Recruiting, Prospect/Admissions Data Mgmt, Prospect/Admissions Staging, Supplemental Information).



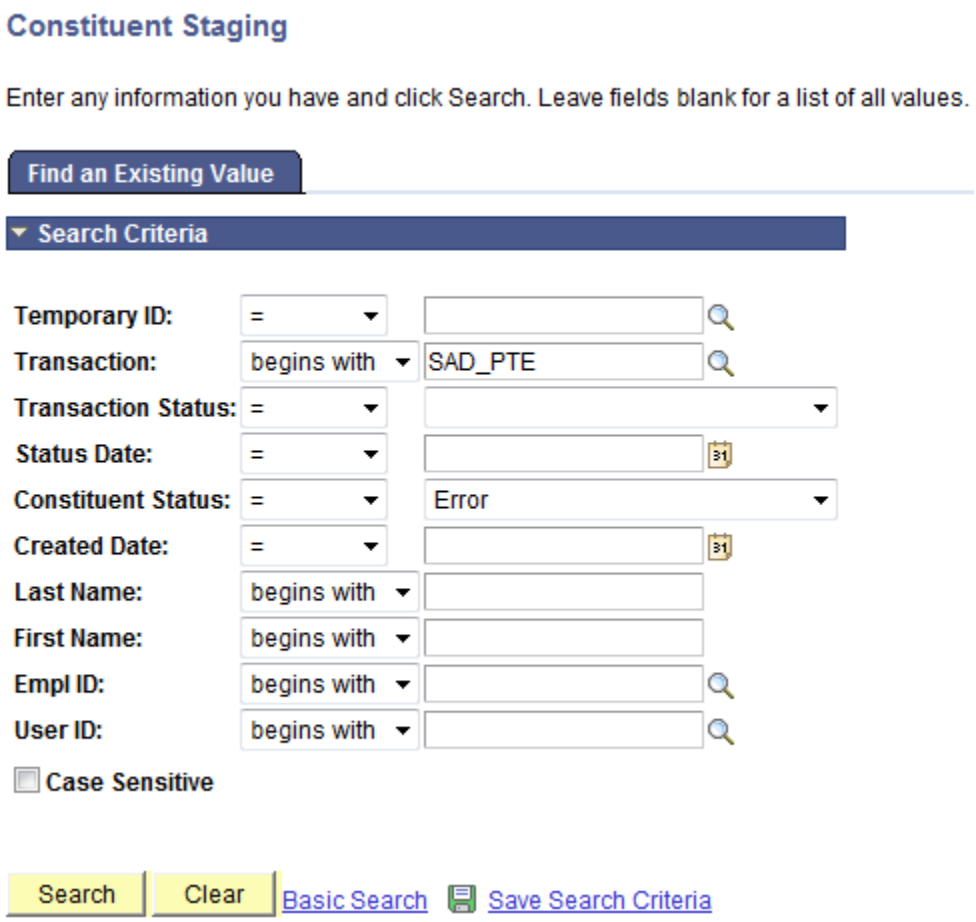
Supplemental Information page

File Attachments

At the time of delivering this document, file attachments can only be attached manually to this page. File Parser does not support loading file attachments.

Posting PDL Transactions

After loading the PDL data into the staging tables, review the staged constituent and prospect/admissions data. Then, run the CTM Transaction Management process to search/match and post the staged data into the production tables of the Campus Solutions database. This process will also determine if any errors exist in the data being posted. If there are errors, the Constituent Staging Status is set to *Error* and the errors are displayed on the Constituent Staging (CTM) and Prospect/Admissions Staging components. Return to the Constituent Staging component and search for the transactions you are processing which have errors.



Example of searching for transactions with an error

Correct the errors indicated on each transaction. Then, run the Transaction Management process again to post these records.

Depending on the transaction and your business processes, the manner in which you post the staged data may vary. A couple examples of how you might go about this are listed below.

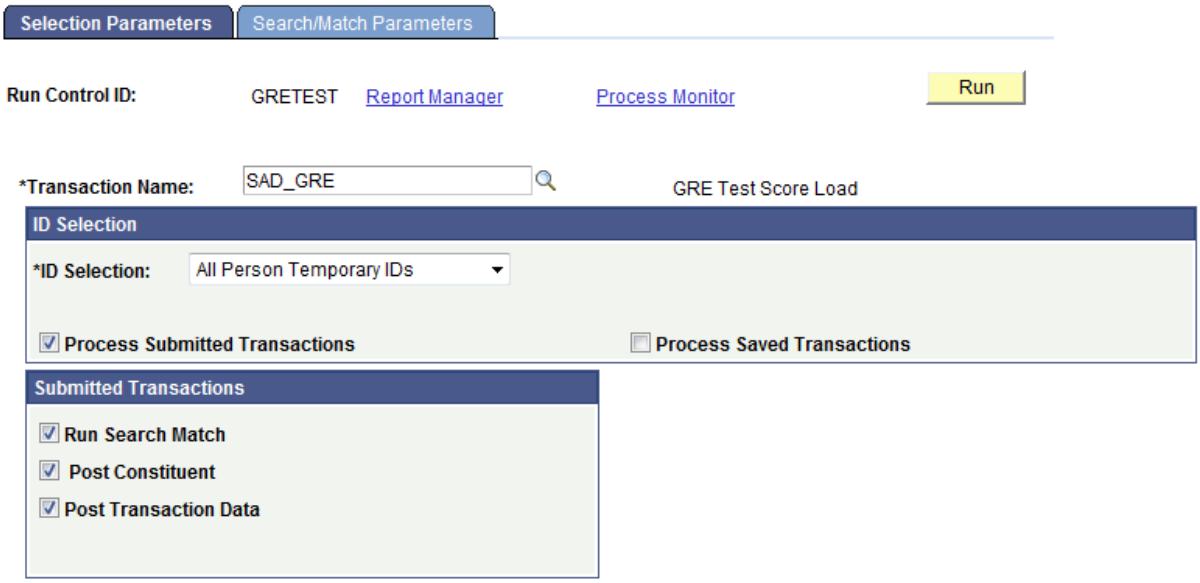
Processing steps for posting all staged data for a specific transaction:

1. Run the File Parser process to populate staging records based on incoming data file. Set SAD_PDL_HDR_STG.SCC_TRANS_STS = *SB* (Submitted).

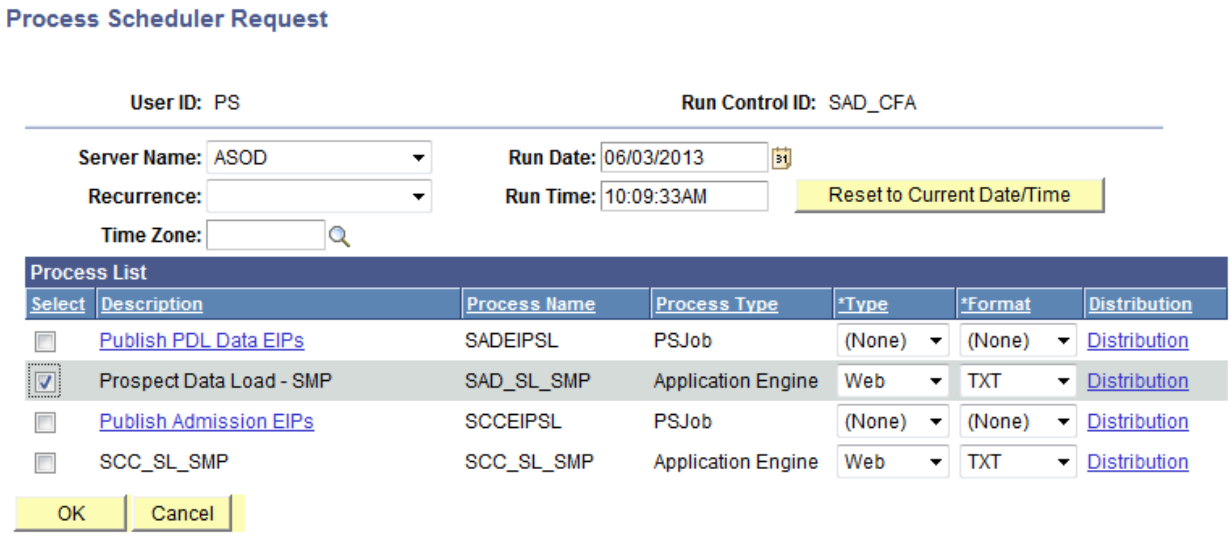
   Bundle 32
   In the following step "Select the Process Submitted Transactions and Run Search Match check boxes." has been changed to "Select the Process Submitted Transactions, Run Search Match,

Post Constituent, and Post Transaction Data check boxes."

2. Run the Transaction Management process to perform search/match and post staging data for the transaction loaded. Set the ID Selection field to *All Person Temporary IDs*. Select the Process Submitted Transactions, Run Search Match, Post Constituent, and Post Transaction Data check boxes. On clicking the Run button, the Process Scheduler Request page appears. Select the Prospect Data Load – SMP process on this page.



Example of Transaction Management process when posting all data for a transaction



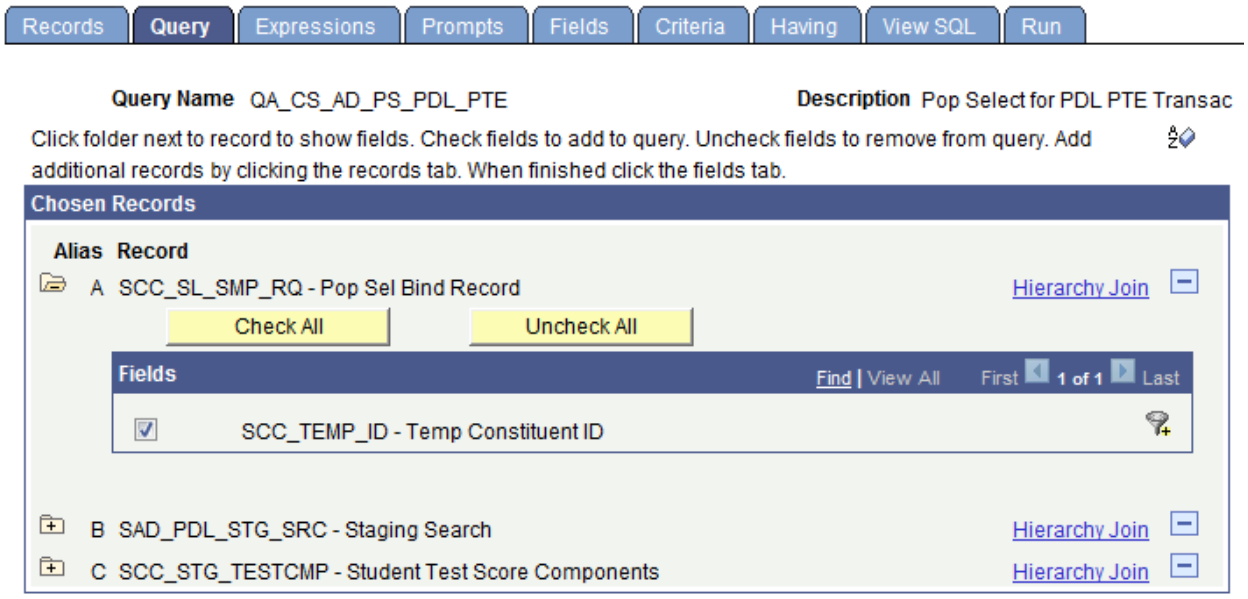
Example of Transaction Management process list

3. Review staging records not posted based on search/match rules or validation errors. Determine if new record should be created or existing record updated. Correct errors and save.

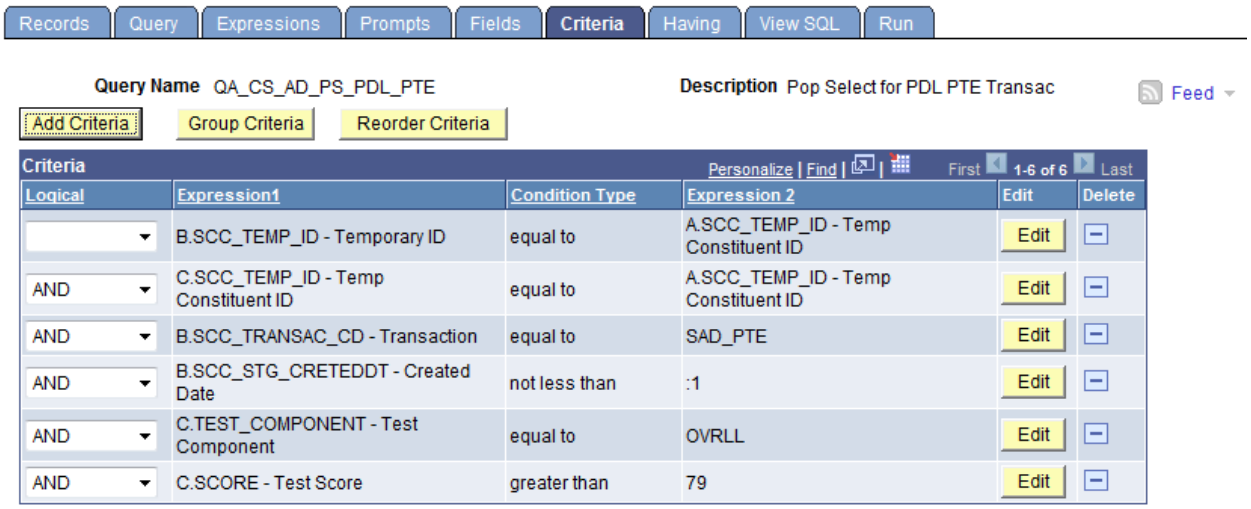
4. Manually post individual records or run the Transaction Management process again to post remaining records that were reviewed.

Processing steps for posting a subset of staged data for a specific transaction:
Let's say you only want to post test scores for those persons who received a minimum scores on a test you have loaded.

1. Run the File Parser process to populate staging records based on incoming data file. Set SAD_PDL_HDR_STG.SCC_TRANS_STS = *SB* (Submitted).
2. Build a query in Query Manager to select your population based on your criteria defined. The Pop Select Bind Record of SCC_SL_SMP_RQ must be the first record in your query and SCC_TEMP_ID must be the first field returned in the query results. Add other staging records as needed to select your population. Test your query to make sure the correct population is returned.



Example of Query Manager Chosen Records



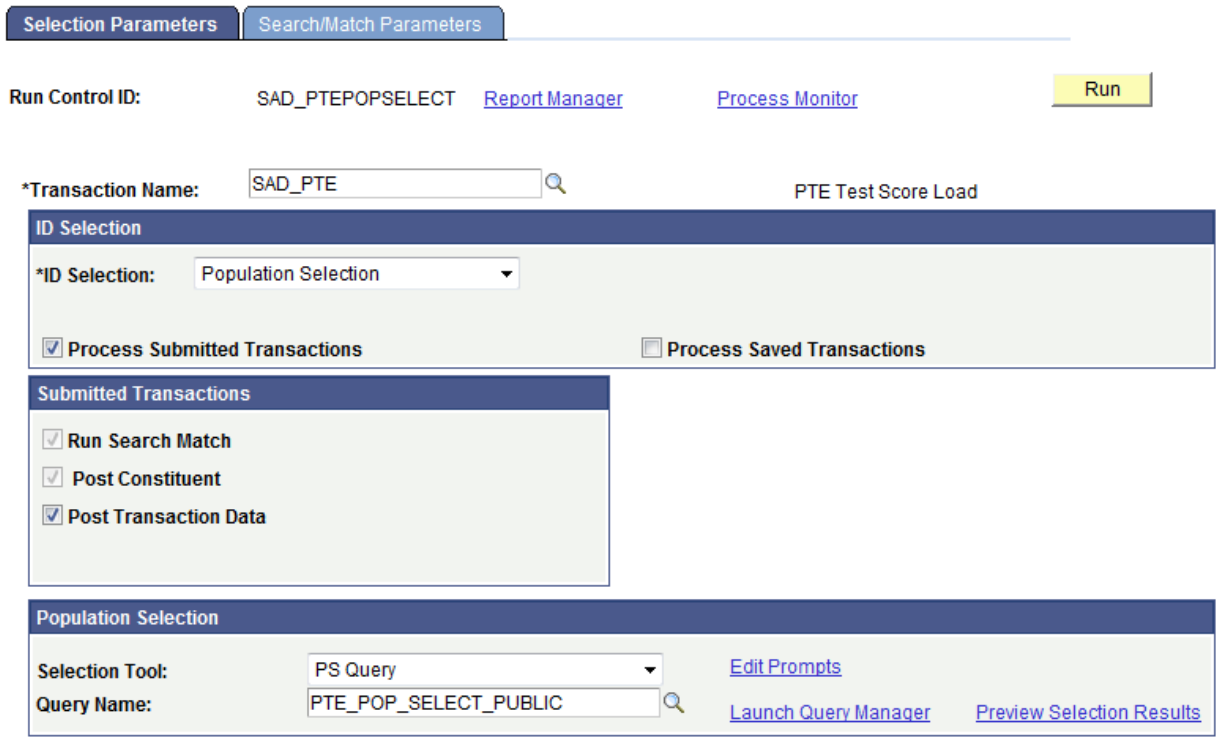
Example of Query Manager Criteria

Bundle 32

In the following step "Select the Process Submitted Transactions and Run Search Match check boxes."

has been changed to "Select the Process Submitted Transactions, Run Search Match, Post Constituent, and Post Transaction Data check boxes."

3. Run the Transaction Management process to perform search/match and post staging data for the transaction loaded. Set the ID Selection field to *Population Selection*. Select the Process Submitted Transactions, Run Search Match, Post Constituent, and Post Transaction Data check boxes. In the Population Selection section, enter *PS Query* in the Selection Tool field and select the query name defined in Step 2. Test your results once again before running the process. On clicking the Run button, the Process Scheduler Request page appears. Select the Prospect Data Load – SMP process on this page.



Example of Transaction Management process when posting a subset of test takers for a transaction

4. Review staging records not posted based on search/match rules or validation errors. Determine if new record should be created or existing record updated. Correct errors and save.
5. Manually post individual records or run the Transaction Management process again to post remaining records that were reviewed.

Processing steps for posting all test scores but create prospects for only a subset of the test takers for a specific transaction:

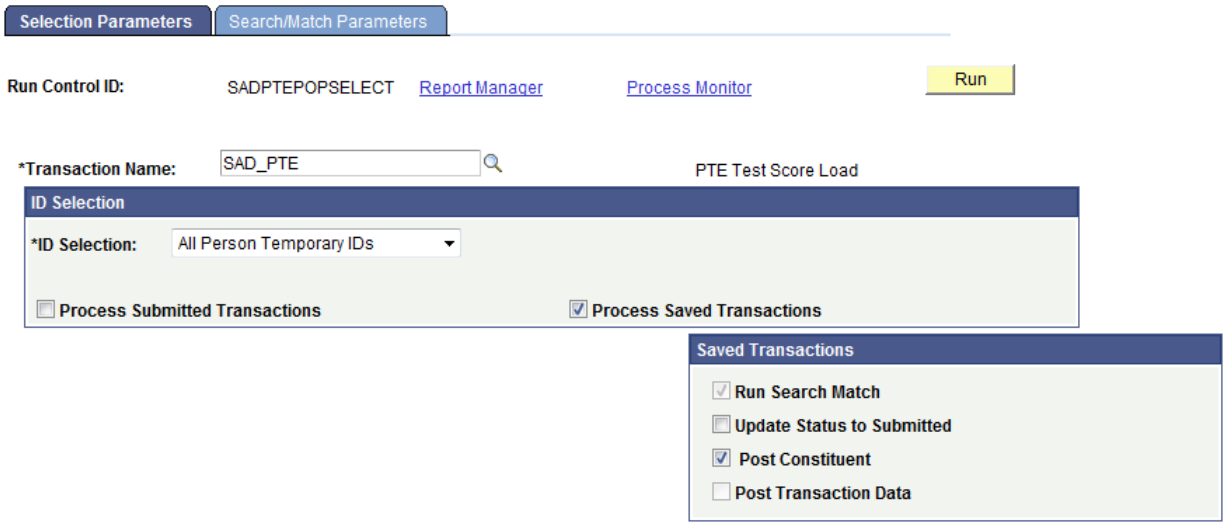
Let's say you want to post test scores for all test takers who sent you scores but you only want to create prospects for a subset of those test takers.

1. Run the File Parser process to populate staging records based on incoming data file. Set the SAD_PDL_HDR_STG.SCC_TRANS_STS = *SV* (Saved). Set up your File Parser mapping definition to populate the appropriate prospect staging records as well as the test results staging records.
2. Build a query in Query Manager to select your prospect population based on your criteria defined. The Pop Select Bind Record of SCC_SL_SMP_RQ must be the first record in your query and

SCC_TEMP_ID must be the first field returned in the query results. Add other staging records as needed to select your population. Test your query to make sure the correct population is returned.

Bundle 32
In the following step "Set the ID Selection field to Population Selection. Select the Process Saved Transactions and Run Search Match check boxes." have been changed to "Set the ID Selection field to All Person Temporary IDs. Select the Process Saved Transactions, Run Search Match, and Post Constituent check boxes."

3. Run the Transaction Management process to perform search/match and post staging data for the transaction loaded. Set the ID Selection field to *All Person Temporary IDs*. Select the Process Saved Transactions, Run Search Match, and Post Constituent check boxes. On clicking the Run button, the Process Scheduler Request page appears. Select the Prospect Data Load – SMP process on this page. Running this process with these settings will run search/match and post the constituent data ONLY for these saved records. Test results are considered part of constituent data therefore test scores will be posted for everyone. The status of the transaction will remain at *Saved*. Staged prospect data will not post at this point.



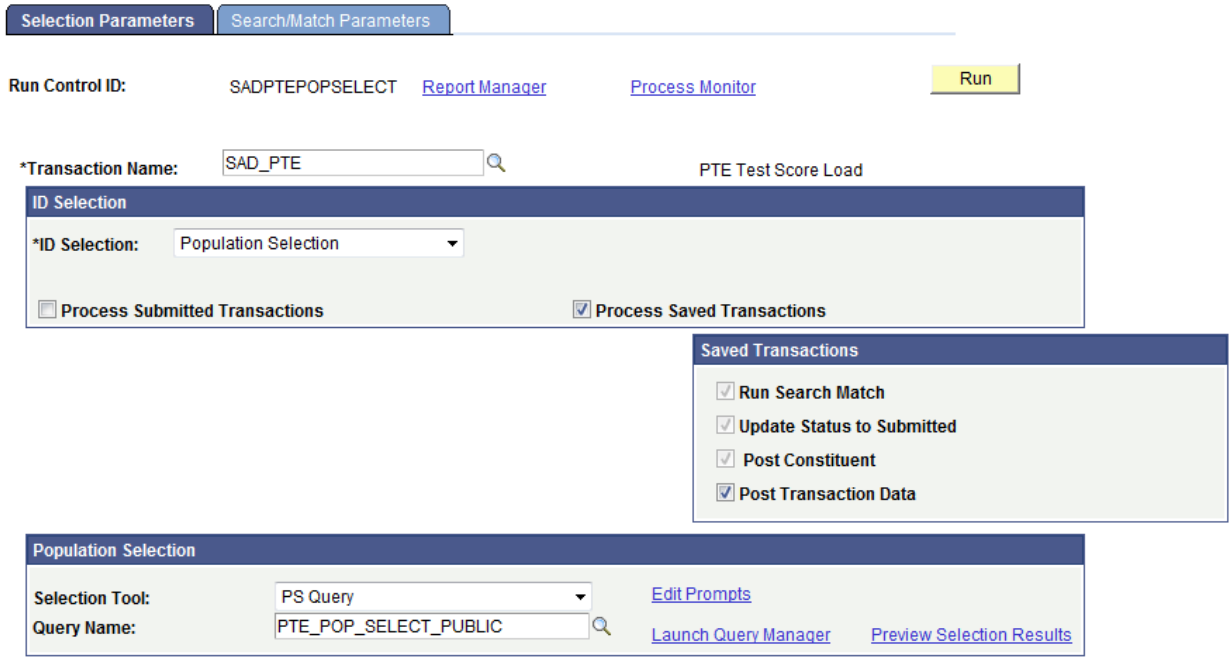
Example of Transaction Management process when posting all test data for a transaction

4. Review staging records not posted based on search/match rules or validation errors. Determine if new record should be created or existing record updated. Correct errors and save.
5. Manually post individual records or run the Transaction Management process again to post remaining records that were reviewed using the same criteria as above.

Bundle 32
In the following step "Select the Process Saved Transaction, Update Status to Submitted, Run Search Match, and Post Transaction Data check boxes." has been changed to "Select the Process Saved Transaction, Run Search Match, Update Status to Submitted, Post Constituent, and Post Transaction Data check boxes."

6. Once you have posted all test data, run the Transaction Management process again to post the prospect data for your selected population. Set the ID Selection field to *Population Selection*. Select the Process Saved Transaction, Run Search Match, Update Status to Submitted, Post Constituent, and Post Transaction Data check boxes. On clicking the Run button, the Process

Scheduler Request page appears. Select the Prospect Data Load – SMP process on this page. Running this process with these settings will post the prospect data for only those records selected in the query. The status of the transaction for those selected will be set to *Posted*.



Example of Transaction Management process when creating prospects for a subset of test takers for a transaction

Note: If the prospect record already exists for the institution and career of the transaction, the system updates the prospect record to insert program and plan data that does not exist, and also inserts values for the Admit Term, Admit Type, Campus, Academic Load, Academic Level, Referral Source, Source Date, Region, Region From, Housing Interest, Financial Aid Interest, Last School Attended and Graduation Date fields if not previously populated.

Commonly Used PDL Calculated Mapping Application Class Objects

This section discusses how to derive:

- Recruiting center.
- Academic interests – description.

Recruiting Center

```
import SCC_FILE_PARSER:MODEL:Results:ResultsField;
import SCC_FILE_PARSER:MODEL:Results:ResultsRecord;
import SCC_FILE_PARSER:UTIL:FieldCalculationAbstract;
import SCC_FILE_PARSER:MODEL:Results:ResultsCollection;
import SCC_FILE_PARSER:UTIL:Exception:FileParserException;

/**
 *  class Recruiting_Center
 *
 *  @version 1.0
 *  @author Campus Solutions
 *
 *  Module: Campus Community / Common
 *  Description:
 */


class Recruiting_Center extends SCC_FILE_PARSER:UTIL:FieldCalculationAbstract
   /* public methods */

   method Recruiting_Center();
   method calculateValue(&ResultsFieldIn As SCC_FILE_PARSER:MODEL:Results:ResultsField, &ResultsCollectionIn As
SCC_FILE_PARSER:MODEL:Results:ResultsCollection) Returns any;

private
   method GetFileData();
   method GetFieldReferences();

   instance string &adm_recr_ctrOut;
   instance string &RecruitingCenter;

   instance SCC_FILE_PARSER:MODEL:Results:ResultsField &ResultsField;
   instance SCC_FILE_PARSER:MODEL:Results:ResultsCollection &ResultsCollection;
   instance SCC_FILE_PARSER:MODEL:Results:ResultsField &InstitutionField;
   instance SCC_FILE_PARSER:MODEL:Results:ResultsField &CareerField;
   instance SCC_FILE_PARSER:MODEL:Results:ResultsField &ProgramField;
   instance SCC_FILE_PARSER:MODEL:Results:ResultsField &PlanField;

end-class;


/**
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *
    * This method obtains the Recruiting Center based on incoming data.
    *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    */

method Recruiting_Center

   %Super = create SCC_FILE_PARSER:UTIL:FieldCalculationAbstract();

end-method;
```

```
/**
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *
    * This method is the driver for deriving the Recruiting Center
    *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    */

method calculateValue
   /+ &ResultsFieldIn as SCC_FILE_PARSER:MODEL:Results:ResultsField, +/
   /+ &ResultsCollectionIn as SCC_FILE_PARSER:MODEL:Results:ResultsCollection +/
   /+ Returns Any +/
   /+ Extends/implements SCC_FILE_PARSER:UTIL:FieldCalculationAbstract.CalculateValue +/

   &ResultsCollection = &ResultsCollectionIn;
   &ResultsField = &ResultsFieldIn;

   %This.GetFileData();

   &RecruitingCenter = &adm_recr_ctrOut;

   Return &RecruitingCenter;

end-method;


/**
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *
    * This method gets the Institution, Career, Program, and Plan from
    * the incoming data. Based on what data was supplied, there is an
    * iterative approach to obtaining the Recruiting Center
    *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    */

method GetFileData
   Local string &Institution, &Career, &Program, &Plan, &adm_recr_ctr;

   %This.GetFieldReferences();

   &Institution = "";
   If &InstitutionField <> Null Then
      &Institution = &InstitutionField.FieldValue;
   End-If;

   &Career = "";
   If &CareerField <> Null Then
      &Career = &CareerField.FieldValue;
   End-If;

   &Program = "";
   If &ProgramField <> Null Then
      &Program = &ProgramField.FieldValue;
   End-If;

   &Plan = "";
   If &PlanField <> Null Then
      &Plan = &PlanField.FieldValue;
   End-If;

   &adm_recr_ctr = "";
   If All(&Institution, &Career, &Program, &Plan) Then
      SQLExec("SELECT ADM_RECR_CTR FROM PS_SAD_PDL_SETUP WHERE INSTITUTION = :1 AND ACAD_CAREER = :2 AND
ACAD_PROG = :3 AND ACAD_PLAN = :4", &Institution, &Career, &Program, &Plan, &adm_recr_ctr);
   End-If;

   If &adm_recr_ctr = "" Then
      If All(&Institution, &Career, &Program) Then
         &Plan = " ";
```

```
      SQLExec("SELECT ADM_RECR_CTR FROM PS_SAD_PDL_SETUP WHERE INSTITUTION = :1 AND ACAD_CAREER = :2 AND
ACAD_PROG = :3 AND ACAD_PLAN = :4", &Institution, &Career, &Program, &Plan, &adm_recr_ctr);
    End-If;
  End-If;

  If &adm_recr_ctr = "" Then
    If All(&Institution, &Career) Then
      &Program = " ";
      &Plan = " ";

      SQLExec("SELECT ADM_RECR_CTR FROM PS_SAD_PDL_SETUP WHERE INSTITUTION = :1 AND ACAD_CAREER = :2 AND
ACAD_PROG = :3 AND ACAD_PLAN = :4", &Institution, &Career, &Program, &Plan, &adm_recr_ctr);
    End-If;
  End-If;

  &adm_recr_ctrOut = &adm_recr_ctr;

end-method;


/**
   * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
   *
   * This method obtains the Institution, Academic Career, Program and
   * Plan - if available.
   *
   * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
   */

method GetFieldReferences

  Local integer &SegmentNbr;
  Local integer &RowNbr = 1;

  Local SCC_FILE_PARSER:MODEL:Results:ResultsRecord &obj_SAD_PRS_CAR_STG;
  Local SCC_FILE_PARSER:MODEL:Results:ResultsRecord &obj_SAD_PRS_PRG_STG;
  Local SCC_FILE_PARSER:MODEL:Results:ResultsRecord &obj_SAD_PRS_PLN_STG;

  &SegmentNbr = &ResultsField.ResultsRecord.SegmentNbr;

  &obj_SAD_PRS_CAR_STG = &ResultsCollection.GetResultsRecord(&SegmentNbr, "SAD_PRS_CAR_STG", &RowNbr);
  &obj_SAD_PRS_PRG_STG = &ResultsCollection.GetResultsRecord(&SegmentNbr, "SAD_PRS_PRG_STG", &RowNbr);
  &obj_SAD_PRS_PLN_STG = &ResultsCollection.GetResultsRecord(&SegmentNbr, "SAD_PRS_PLN_STG", &RowNbr);

  If &obj_SAD_PRS_CAR_STG <> Null Then
    &InstitutionField = &obj_SAD_PRS_CAR_STG.GetResultsField("INSTITUTION");

    &CareerField = &obj_SAD_PRS_CAR_STG.GetResultsField("ACAD_CAREER");
  End-If;

  If &obj_SAD_PRS_PRG_STG <> Null Then
    &ProgramField = &obj_SAD_PRS_PRG_STG.GetResultsField("ACAD_PROG");
  End-If;

  If &obj_SAD_PRS_PLN_STG <> Null Then
    &PlanField = &obj_SAD_PRS_PLN_STG.GetResultsField("ACAD_PLAN");
  End-If;

end-method;
```

Academic Interests - Description

```
import SCC_FILE_PARSER:UTIL:FieldCalculationAbstract;
import SCC_FILE_PARSER:MODEL:Results:ResultsField;
import SCC_FILE_PARSER:MODEL:Results:ResultsRecord;
import SCC_FILE_PARSER:MODEL:Results:ResultsCollection;
import SCC_FILE_PARSER:UTIL:Exception:FileParserException;

/**
 *  class FetchSubjectDescr
 *
 *  @version 1.0
 *  @author Campus Solutions
 *
 *  Module: Recruiting and Admissions / Common App.
 *  Description:
 */


class FetchSubjectDescr extends SCC_FILE_PARSER:UTIL:FieldCalculationAbstract
   /* public methods */

   method FetchSubjectDescr();
   method calculateValue(&ResultsFieldIn As SCC_FILE_PARSER:MODEL:Results:ResultsField, &ResultsCollectionIn As
SCC_FILE_PARSER:MODEL:Results:ResultsCollection) Returns any;

private
   method GetFileData();
   method GetFieldReferences();

   instance string &SubjectArea;
   instance string &SubjectAreaDescrOut;

   instance SCC_FILE_PARSER:MODEL:Results:ResultsField &ResultsField;
   instance SCC_FILE_PARSER:MODEL:Results:ResultsCollection &ResultsCollection;
   instance SCC_FILE_PARSER:MODEL:Results:ResultsField &SubjectAreaField;

end-class;


/**
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *
    * This method obtains the Subject Description based on incoming data.
    *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    */

method FetchSubjectDescr

   %Super = create SCC_FILE_PARSER:UTIL:FieldCalculationAbstract();

end-method;

/**
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *
    * This method is the driver for deriving the Subject Description.
    *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    */

method calculateValue
   /+ &ResultsFieldIn as SCC_FILE_PARSER:MODEL:Results:ResultsField, +/
   /+ &ResultsCollectionIn as SCC_FILE_PARSER:MODEL:Results:ResultsCollection +/
   /+ Returns Any +/
   /+ Extends/implements SCC_FILE_PARSER:UTIL:FieldCalculationAbstract.CalculateValue +/
```

```
   &ResultsCollection = &ResultsCollectionIn;
   &ResultsField = &ResultsFieldIn;

   %This.GetFileData();

   Return &SubjectAreaDescrOut;

end-method;


/**
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *
    * This method obtains the Subject Description based on incoming
    * Subject Area.
    *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    */

method GetFileData

   Local string &SubjectAreaDescr;

   If &SubjectAreaField = Null Then
      %This.GetFieldReferences();
   End-If;

   &SubjectArea = "";

   If &SubjectAreaField <> Null Then
      &SubjectArea = &SubjectAreaField.FieldValue;

      SQLExec("SELECT A.DESCR FROM PS_EXT_SUBJECT_TBL A WHERE A.EXT_SUBJECT_AREA =:1 AND A.EFF_STATUS = 'A'
AND A.EFFDT = (SELECT MAX(A1.EFFDT) FROM PS_EXT_SUBJECT_TBL A1 WHERE A1.EXT_SUBJECT_AREA =
A.EXT_SUBJECT_AREA AND A1.EFFDT <= %DateIn(:2))", &SubjectArea, %Date, &SubjectAreaDescr);

      If &SubjectAreaDescr = "" Then
         &SubjectAreaDescrOut = "NOT FOUND";
      Else
         &SubjectAreaDescrOut = &SubjectAreaDescr;
      End-If;
   End-If;

end-method;

/**
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *
    * This method obtains the Subject Area from the incoming data.
    *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    */

method GetFieldReferences

   Local integer &SegmentNbr;
   Local integer &RecordRow;

   Local SCC_FILE_PARSER:MODEL:Results:ResultsRecord &obj_SCC_STG_ADMINT;

   &SegmentNbr = &ResultsField.ResultsRecord.SegmentNbr;
   &RecordRow = &ResultsField.ResultsRecord.RecordRow;

   &obj_SCC_STG_ADMINT = &ResultsCollection.GetResultsRecord(&SegmentNbr, "SCC_STG_ADMINT", &RecordRow);

   If &obj_SCC_STG_ADMINT <> Null Then
      &SubjectAreaField = &obj_SCC_STG_ADMINT.GetResultsField("EXT_SUBJECT_AREA");
   End-If;

end-method;
```

Refer to the *PeopleSoft Campus Community Fundamentals 9.0 PeopleBook*, “Using the File Parser Process” PeopleBook chapter for additional commonly used calculated mapping application class objects.

Appendices for Delivered Templates

This section will provide additional information about each of the templates we deliver for usage with Prospect/Admissions data loads. As more templates are delivered, we will expand this section for each transaction.

Bundle 32

New PDL templates for GMAT and GRE

This section discusses the templates for:

- College Fair Automation (CFA).
- International English Language Testing System (IELTS).
- Pearson Test of English (PTE).
- Test Of English as a Foreign Language (TOEFL).
- Graduate Management Admission Test (GMAT).
- Graduate Record Examinations (GRE).

Appendix A - College Fair Automation (CFA)

Delivered Transaction Code: SAD_CFA

Modify the delivered transaction as follows:

- Update the data update rule with one defined by your institution based on your constituent data update policies.
- Search/Match Setup: Update the search parameter, search result codes and update rules based on your institution's needs.

File Parser Field Conversion Definition Template: SAD_CFA

Conversion examples have been delivered for the following fields:

- Academic Plan based on incoming AcademicInterestCD1 values.
- Academic Program based on incoming AcademicInterestCD1 values.
- Citizenship Status based on incoming Citizenship values.
- Ethnicity based on incoming Ethnicity values.
- Admit Type based on incoming FreshmanTransfer values.
- Admit Term based on incoming StartingTerm values.

Each of these conversions will need to be modified based upon your internal values. Either create a new field conversion definition or copy the delivered definition and modify as needed.

Context Definition Template: SAD_CFA

Review the delivered template and determine if any records need to be added. Modify this delivered version. It will be used on the File Mapping Definition component. Create a copy before doing so to keep an original version. If you choose to use a copy of a delivered context definition and reference the copied version in your file mapping definition, the system forces you to redefine the file layout and file mapping setup.

File Mapping Definition Template: SAD_CFA_PROSPECTS

This file mapping definition can be used to create prospects and populate supporting data such as academic interests and extracurricular activities. You will need to make changes to this delivered template to reflect institution defined default values. Before doing so, make a copy of the delivered template.

File Definition Tab: Important: Leave the context definition as SAD_CFA. If you change this, all the file layout and mapping setup will disappear.
Modify the conversion definition to the one you have created.
Change the delimiter if needed based on your file characteristics.
File Layout Tab: Depending upon which college fair (NACAC, Regional, etc.) you are loading data for, the file layout may differ from the layout defined. Review this tab to ensure the fields appear in the exact order as that of the CFA layout you are using. Modify default values on the Date Day and Date Month columns for the field HSGradYear.
Mapping Tab:
The default values for the following fields will need to be reviewed and probably modified depending upon your institution's business practices:

- SCC_STG_NAMES.NAME_TYPE
- SCC_STG_ADDR.ADDRESS_TYPE
- SCC_STG_EMAIL.E_ADDR_TYPE
- SCC_STG_PHONE.PHONE TYPE – Two rows
- SCC_STG_EXTRACU.INSTITUTION – Twelve rows
- SCC_STG_STD_CAR.ACAD_CAREER
- SAD_PRS_CAR_STG.ACAD_CAREER
- SAD_PRS_CAR_STG.INSTITUTION
- SAD_PRS_CAR_STG.RECRUITING_STATUS
- SAD_PRS_CAR_STG.ADM_REFRL_SRCE
- SAD_PRS_PRG_STG.RECRUITING_STATUS
- SAD_STG_PRS_CAF.ACAD_CAREER – Seven rows
- SAD_STG_PRS_CAF.INSTITUTION – Seven rows
- SCC_STG_ADMIHD.ACAD_CAREER
- SCC_STG_ADMINT.ACAD_CAREER – Three rows

Calculated Fields: The following calculated fields have been delivered for CFA:

- SCC_STG_NAMES.LAST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.FIRST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SAD_PRS_CAR_STG.ADM_RECR_CTR – Looks at the prospect setup you have defined to determine recruiting center. If you don't set up the Prospect Setup page, you will need to change this to a default recruiting center.
- SAD_PRS_CAR_STG. LAST_SCH_ATTEND – Uses the incoming value from CEEBCode to determine the EXT_ORG_ID to populate based on the EXT_ORG_TBL_ADM.ATP_CODE.
- SAD_PRS_PRG_STG.ADM_RECR_CTR – Looks at the prospect setup you have defined to determine recruiting center. If you don't set up the Prospect Setup page, you will need to change this to a default recruiting center.
- SCC_STG_ACADHST.EXT_ORG_ID - Uses the incoming value from CEEBCode to determine the EXT_ORG_ID to populate based on the EXT_ORG_TBL_ADM.ATP_CODE.

Common Attribute Framework:
The following sample common attributes have been delivered for the incoming field indicated:

- CFA_CLASSRANK for ClassRank
- CFA_PARENTSCOLLEGE for ParentSiblingCollege

- CFA_PARENTSGRAD for ParentsGrad
- CFA_SCHLINOUTSTPREF for SchoolInOutOfState
- CFA_SCHLSETTINGPREF for SchoolSetting
- CFA_SCHLSIZEPREF for SchoolSize
- CFA_TEXTOK for TextOK

Set up additional common attributes for other fields that have not been mapped on the File Mapping Definition component. In addition to creating the common attribute and adding them to the record context for ADM_PRSPCT_CAR, you will need to add rows for each common attribute on the File Mapping Definition component. Additional fields that were not mapped include:

- Religion
- TransferFrom
- LastCompletedSemester
- SocialMediaLink
- CanMessage
- DrivingTime
- RateSchoolSetting
- RateSchoolInOutOfState
- RateSchoolSize
- RateSDrivingTime

Appendix B - International English Language Testing System (IELTS)

Delivered Transaction Code: SAD_IELTS

Modify the delivered transaction as follows:

- Update the data update rule with one defined by your institution based on your constituent data update policies.
- Search/Match Setup: Update the search parameter, search result codes and update rules based on your institution's needs.

File Parser Field Conversion Definition Template: Not needed

Context Definition Template: SAD_IELTS

Review the delivered template and determine if any records need to be added. Modify this delivered definition. It will be used on the File Mapping Definition component. Create a copy before doing so to keep an original version. If you choose to use a copy of a delivered context definition and reference the copied version in your file mapping definition, the system forces you to redefine the file layout and file mapping setup.

File Mapping Definition Template: SAD_IELTS_TESTRESULTS

This file mapping definition can be used to post IELTS test scores. You will need to make changes to this delivered template to reflect institution defined default values. Before doing so, make a copy of the delivered template.

File Definition Tab: Important: Leave the context definition as SAD_IELTS. If you change this, all the file layout and mapping setup will disappear.

Change the delimiter if needed based on your file characteristics.

File Layout Tab: Review this tab to ensure the fields appear in the exact order as that of the IELTS layout you are using.

Mapping Tab:

The default values for the following fields will need to be reviewed and probably modified depending upon your institution's business practices:

- SCC_STG_NAMES.NAME_TYPE

- SCC_STG_TEST.TEST_ID
- SCC_STG_TEST.CHKLST_ITM_UPDT
- SCC_STG_TESTCMP.TEST_COMPONENT – Five rows
- SCC_STG_TESTCMP.LS_DATA_SOURCE– Five rows
- SCC_STG_TESTDT.TEST_ID
- SAD_STG_TST_CAF.TEST_ID – Six rows

Calculated Fields: The following calculated fields have been delivered for IELTS:

- SCC_STG_NAMES.LAST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.FIRST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_TESTCMP.SCORE – Looks at the incoming score value for ListeningTestScore, ReadingTestScore, WritingTestScore, SpeakingTestScore or OverallScore (depending on the application class ID populated). If the incoming value is *0* or *-1*, population of the row is skipped.

Common Attribute Framework:

The following sample common attributes have been delivered for the incoming field indicated:

- IELTS_DOWNLOADID for DownloadID
- IELTS_PARTNO for PartNo
- IELTS_CENTRENUMBER for CentreNumber
- IELTS_CANDIDATENUMBR for CandidateNumber
- IELTS_CANDIDATEID for CandidateID
- IELTS_TRFNUMBER for TRFNumber

Set up additional common attributes for other fields that have not been mapped on the File Mapping Definition component. Add each new attribute with the SAD_TESTDT record context. In addition to creating the common attribute and adding them to the record context, you will need to add rows for each common attribute on the File Mapping Definition component.

Additional fields that were not mapped include:

- StartDate
- EndDate

Appendix C - Pearson Test of English (PTE)

Delivered Transaction Code: SAD_PTE

Modify the delivered transaction as follows:

- Update the data update rule with one defined by your institution based on your constituent data update policies.
- Search/Match Setup: Update the search parameter, search result codes and update rules based on your institution's needs.

File Parser Field Conversion Definition Template: SAD_PTE

Conversion examples have been delivered for the following fields:

- Academic Career based on incoming Program Receiving Scores values.
- Academic Plan based on incoming Program Receiving Scores values.
- Academic Program based on incoming Program Receiving Scores values.
- STATE/PROVINCE/COUNTY based on incoming Country Of Residence and State/Province/County values. Used with a delivered calculated field.

Each of these conversions will need to be modified based upon your internal values. Either create a new field conversion definition or copy the delivered definition and modify as needed.

Context Definition Template: SAD_PTE

Review the delivered template and determine if any records need to be added. Modify this delivered definition. It will be used on the File Mapping Definition component. Create a copy before doing so to keep an original version. If you choose to use a copy of a delivered context definition and reference the copied version in your file mapping definition, the system forces you to redefine the file layout and file mapping setup.

File Mapping Definition Template: SAD_PTE_TESTRESULTS

This file mapping definition can be used to post PTE test scores only. You will need to make changes to this delivered template to reflect institution defined default values. Before doing so, make a copy of the delivered template.

File Definition Tab: Important: Leave the context definition as SAD_PTE. If you change this, all the file layout and mapping setup will disappear.

Modify the conversion definition to the one you have created.

Change the delimiter if needed based on your file characteristics.

File Layout Tab: Review this tab to ensure the fields appear in the exact order as that of the PTE layout you are using.

Mapping Tab:

The default values for the following fields will need to be reviewed and probably modified depending upon your institution's business practices:

- SCC_STG_NAMES.NAME_TYPE
- SCC_STG_ADDR.ADDRESS_TYPE
- SCC_STG_EMAIL.E_ADDR_TYPE
- SCC_STG_PHONE.PHONE TYPE – Two rows
- SCC_STG_TEST.TEST_ID
- SCC_STG_TEST.CHKLST_ITM_UPDT
- SCC_STG_TESTCMP.TEST_COMPONENT – Eleven rows
- SCC_STG_TESTCMP.LS_DATA_SOURCE– Eleven rows
- SCC_STG_TESTDT.TEST_ID
- SAD_STG_TST_CAF.TEST_ID – Five rows

Calculated Fields: The following calculated fields have been delivered for PTE:

- SCC_STG_NAMES.LAST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.FIRST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_ADDR.STATE – Concatenates the incoming values for Country of Residence and State/Province/County and compares them to the Field Conversion Definition for STATE/PROVINCE/COUNTY to determine the value to populate.

File Mapping Definition Template: SAD_PTE_TESTPROSPECT

This file mapping definition can be used to post PTE test scores and create a prospect record. You will need to make changes to this delivered template to reflect institution defined default values. Before doing so, make a copy of the delivered template.

File Definition Tab: Modify context definition and conversion definition to those you have created. Change the delimiter if needed based on your file characteristics.

File Layout Tab: Review this tab to ensure the fields appear in the exact order as that of the PTE layout you are using.

Mapping Tab:

The default values for the following fields will need to be reviewed and probably modified depending upon your institution's business practices.

- SCC_STG_NAMES.NAME_TYPE
- SCC_STG_ADDR.ADDRESS_TYPE
- SCC_STG_EMAIL.E_ADDR_TYPE
- SCC_STG_PHONE.PHONE TYPE – Two rows
- SCC_STG_TEST.TEST_ID
- SCC_STG_TEST.CHKLST_ITM_UPDT
- SCC_STG_TESTCMP.TEST_COMPONENT – Eleven rows
- SCC_STG_TESTCMP.LS_DATA_SOURCE– Eleven rows
- SCC_STG_TESTDT.TEST_ID
- SAD_STG_TST_CAF.TEST_ID – Five rows
- SAD_PRS_CAR_STG.INSTITUTION
- SAD_PRS_CAR_STG.RECRUITING_STATUS
- SAD_PRS_CAR_STG.ADM_REFRL_SRCE
- SAD_PRS_PRG_STG.INSTITUTION
- SAD_PRS_PRG_STG.RECRUITING_STATUS
- SAD_PRS_PLN_STG.INSTITUTION

Calculated Fields: The following calculated fields have been delivered for PTE:

- SCC_STG_NAMES.LAST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.FIRST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_ADDR.STATE – Concatenates the incoming values for the Country of Residence and State/Province/County fields and compares them to the field conversion definition for STATE/PROVINCE/COUNTY to determine the value to populate.
- SAD_PRS_CAR_STG.ADM_RECR_CTR – Looks at the prospect setup you have defined to determine recruiting center. If you don't set up the Prospect Setup page, you will need to change this to a default recruiting center.

Common Attribute Framework:

The following sample common attributes have been delivered for the incoming field indicated:

- PTE_DTSCORESAVAIL for Date Scores Available To Program
- PTE_FIRSTTIMETESTTKR for First-Time Test Taker
- PTE_PROGRECSCORES for Program Receiving Scores
- PTE_REGISTRATIONID for Registration Id
- PTE_SCORESVALIDUNTIL for Scores Valid Until

Set up additional common attributes for other fields that have not been mapped on the File Mapping Definition component. Add each new attribute with the SAD_TESTDT record context. In addition to creating the common attribute and adding them to the record context, you will need to add rows for each common attribute on the File Mapping Definition component. Additional fields that were not mapped include:

- Irregularity Code

Appendix D - Test Of English as a Foreign Language (TOEFL)

Delivered Transaction Code: SAD_TOEFL

Modify the delivered transaction as follows:

- Update the data update rule with one defined by your institution based on your constituent data update policies.
- Search/Match Setup: Update the search parameter, search result codes and update rules based on your institution's needs.

File Parser Field Conversion Definition Template: SAD_TOEFL

Conversion examples have been delivered for the following fields:

- Gender based on incoming Gender values.
- Language Code based on incoming Native Language Code values.
- Academic Career based on incoming Department Code values.

Each of these conversions may need to be modified based upon your internal values. Either create a new field conversion definition or copy the delivered definition and modify as needed.

Note: Not all Native Language Code values have been mapped. The following incoming language codes are not mapped: AKA (Akan), ALB (Albanian), ASM (Assamese), AZE (Azerbaijani), BAM (Bambara), BAK (Bashkir), BAQ (Basque), BEL (Belarusian), BEN (Bemba), BER (Berber), BIK (Bikol), BOS (Bosnian), CAT (Catalan), CEB (Cebuano), NYA (Chichewa (Nyanja)), CHV (Chuvash), DYU (Dyula), EFI (Efik), EST (Estonian), EWE (Ewe), FIJ (Fijian), FIN (Finnish), FUL (Fulah), GAA (Ga), GLA (Galician), LUG (Ganda), GEO(Georgian), GRN (Guarani), GUJ (Gujarati), GWI (Gwichin), HAU (Hausa), HIL (Hiligaynon), IBO (Igbo), ILO (Iloko), IPK (Inupiaq), JAV (Javanese), KAU (Kanuri), KAS (Kashmiri), KAZ (Kazakh), KHM (Khmer), KIK (Kikuyu), KIN (Kinyarwanda), KOS (Kosraean), KUR (Kurdish), KUS (Kusaiean), LIN (Lingala), LUA (Luba-Lulua), LUO (Luo), LTZ (Luzembourgish), MAC (Macedonian), MAD (Madurese), MLG (Malagasy), MAL (Malayalam), MLT (Maltese), MAN (Mandingo), MAR (Marathi), MAH (Marshallese), MEN (Mende), MIN (Minangkabau), MON (Mongolian), MOS (Mossi), NAU (Nauru), NEP (Nepali), ORI (Orlya), ORM (Oromo), PAU (Palauan), PON (Pohnpeian), PAN (Punjabi), PUS (Pushto), SMO (Samoan), SAT (Santali), SNA (Shona), SND (Sindhi), SIN (Sinhalese), SLO (Slovak), SLV (Slovenian), SOL (Somali), SUN (Sundanese), TGK (Tajik), TAT (Talar), TIB (Tibetan), TIR (Tigrinya), TON (Tonga), TUK (Turkmen), UIG (Uighar), UZB (Uzbek), WOL (Wolof), XHO (Xhosa), YAP (Yapese), YID (Yiddish), YOR (Yoruba), YPK (Yupik), ZHA (Zhuang), ZUL (Zulu).

Context Definition Template: SAD_TOEFL

Review the delivered template and determine if any records need to be added. Modify this delivered definition. It will be used on the File Mapping Definition component. Create a copy before doing so to keep an original version. If you choose to use a copy of a delivered context definition and reference the copied version in your file mapping definition, the system forces you to redefine the file layout and file mapping setup.

File Mapping Definition Template: SAD_TOEFL_TESTRESULTS

This file mapping definition can be used to post TOEFL test scores only. You will need to make changes to this delivered template to reflect institution defined default values. Before doing so, make a copy of the delivered template.

File Definition Tab: Important: Leave the context definition as SAD_TOEFL. If you change this, all the file layout and mapping setup will disappear.

Modify the conversion definition to the one you have created.

Change the delimiter if needed based on your file characteristics.

File Layout Tab: Review this tab to ensure the fields appear in the exact order as that of the TOEFL layout you are using.

Mapping Tab:

The default values for the following fields will need to be reviewed and probably modified depending upon your institution's business practices:

- SCC_STG_NAMES.NAME_TYPE
- SCC_STG_ADDR.ADDRESS_TYPE
- SCC_STG_EMAIL.E_ADDR_TYPE
- SCC_STG_TEST.TEST_ID
- SCC_STG_TEST.CHKLST_ITM_UPDT
- SCC_STG_TESTCMP.TEST_COMPONENT – Ten rows
- SCC_STG_TESTCMP.LS_DATA_SOURCE – Ten rows
- SCC_STG_TESTDT.TEST_ID
- SAD_STG_TST_CAF.TEST_ID – Ten rows

Calculated Fields: The following calculated fields have been delivered for TOEFL:

- SCC_STG_NAMES.LAST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.FIRST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.LAST_NAME, SCC_STG_NAMES.FIRST_NAME and SCC_STG_NAMES.MIDDLE_NAME – Parses the incoming value in Last (Family) Name in position 43 into LAST_NAME, FIRST_NAME and MIDDLE_NAME when the Test Type = *P* (PBT) in field position 556. If the Test Type is *I* (IBT), the name parts will appear in the three separate fields Last (Family) Name, First (Given) Name and Middle Name and will populate LAST_NAME, FIRST_NAME and MIDDLE_NAME from the three fields.
- SCC_STG_TESTCMP.SCORE - Looks at the incoming score value for IBT Listening, IBT Speaking, IBT Total Score, P/B Section I Score and Total Score (depending on the application class ID populated). If the incoming value is ** or ***, population of the row is skipped.

File Mapping Definition Template: SAD_TOEFL_TESTPROSPECT

This file mapping definition can be used to post TOEFL test scores and create a prospect record. You will need to make changes to this delivered template to reflect institution defined default values. Before doing so, make a copy of the delivered template.

File Definition Tab: Modify context definition and conversion definition to those you have created. Change the delimiter if needed based on your file characteristics.

File Layout Tab: Review this tab to ensure the fields appear in the exact order as that of the TOEFL layout you are using.

Mapping Tab:

The default values for the following fields will need to be reviewed and probably modified depending upon your institution's business practices.

- SCC_STG_NAMES.NAME_TYPE
- SCC_STG_ADDR.ADDRESS_TYPE
- SCC_STG_EMAIL.E_ADDR_TYPE
- SCC_STG_TEST.TEST_ID
- SCC_STG_TEST.CHKLST_ITM_UPDT
- SCC_STG_TESTCMP.TEST_COMPONENT – Ten rows
- SCC_STG_TESTCMP.LS_DATA_SOURCE – Ten rows
- SCC_STG_TESTDT.TEST_ID

- SAD_STG_TST_CAF.TEST_ID – Ten rows
- SAD_PRS_CAR_STG.INSTITUTION
- SAD_PRS_CAR_STG.RECRUITING_STATUS
- SAD_PRS_CAR_STG.ADM_REFRL_SRCE

Calculated Fields: The following calculated fields have been delivered for TOEFL:

- SCC_STG_NAMES.LAST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.FIRST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.LAST_NAME, SCC_STG_NAMES.FIRST_NAME and SCC_STG_NAMES.MIDDLE_NAME – Parses the incoming value in Last (Family) Name in position 43 into LAST_NAME, FIRST_NAME and MIDDLE_NAME when the Test Type = *P* (PBT) in field position 556. If the Test Type is *I* (IBT), the name parts will appear in the three separate fields Last (Family) Name, First (Given) Name and Middle Name and will populate LAST_NAME, FIRST_NAME and MIDDLE_NAME from the three fields.
- SCC_STG_TESTCMP.SCORE - Looks at the incoming score value for IBT Listening, IBT Speaking, IBT Total Score, P/B Section I Score and Total Score (depending on the application class ID populated). If the incoming value is ** or ***, population of the row is skipped.
- SAD_PRS_CAR_STG.ADM_RECR_CTR – Looks at the prospect setup you have defined to determine recruiting center. If you don't set up the Prospect Setup page, you will need to change this to a default recruiting center.

Common Attribute Framework:

The following sample common attributes have been delivered for the incoming field indicated:

- TOEFL_REG_NBR for Registration or Appointment Number
- TOEFL_TESTCTR_CD for Test Center Code
- TOEFL_LIST_IND for Listening Indicator
- TOEFL_SPK_IND for Speaking Indicator
- TOEFL_REASON_TKN for Reason for taking TOEFL
- TOEFL_DEGREE for Degree
- TOEFL_INTINFO_YEAR for Interpretive Info Year
- TOEFL_NBR_TAKEN for Number of times taken
- TOEFL_IBT_TESTCTR for IBT Test Center Code
- TOEFL_TSTCTR_CNTRY for Test Center Country

Important! You need to associate these attributes with the Record Context = SAD_TESTDT before running the File Parser process.

To associate the delivered TOEFL common attributes with the SAD_TESTDT Record Context:

1. Access the Record Context search page (Set Up SACR, Common Definitions, Common Attributes Setup, Record Context).
2. Enter Record (Table) Name = *SAD_TESTDT*.
3. Click Search.
4. In the Attributes section, add a row and populate the Common Attribute field for each common attribute listed above. Add a new row for each common attribute.
5. Click Save.

Set up additional common attributes for other fields that have not been mapped on the File Mapping Definition component. Add each new attribute with the SAD_TESTDT record context. In addition to creating the common attribute and adding them to the record context, you will need to add rows for each common attribute on the File Mapping Definition component. Additional fields that were not mapped include:

- Institution Code
- Department Code
- Address Country Name
- Native Country Name
- Test Type
- No Resp/Off Topic

Appendix E - Graduate Management Admission Test (GMAT)

Bundle 32

New

Delivered Transaction Code: SAD_GMAT

Modify the delivered transaction as follows:

- Update the data update rule with one defined by your institution based on your constituent data update policies.
- Search/Match Setup: Update the search parameter, search result codes and update rules based on your institution's needs.

File Parser Field Conversion Definition Template: SAD_GMAT

Conversion examples have been delivered for the following fields:

- Admit Term based on incoming Graduation Date values.
- Gender based on incoming Gender values.
- STATE/PROVINCE based on incoming Country Of Residence and State/Province values. Used with a delivered calculated field.

Each of these conversions may need to be modified based upon your internal values. Either create a new field conversion definition or copy the delivered definition and modify as needed.

Note: Not all State/Province Codes have been mapped. See the rows populated for the following provinces in Pakistan: PAKICT (Islamabad Capital Territory), PAKNWF (North West Frontier), PAKPUN (Punjab) and PAKSIN (Sindh) and enter an internal values for these states.

Context Definition Template: SAD_GMAT

Review the delivered template and determine if any records need to be added. Modify this delivered version. It will be used on the File Mapping Definition component. Create a copy before doing so to keep an original version. If you choose to use a copy of a delivered context definition and reference the copied version in your file mapping definition, the system forces you to redefine the file layout and file mapping setup.

File Mapping Definition Template: SAD_GMAT_TESTPROSPECT

This file mapping definition can be used to create prospects in addition to populating test scores. You will need to make changes to this delivered template to reflect institution defined default values. Before doing so, make a copy of the delivered template.

File Definition Tab: Important: Leave the context definition as SAD_GMAT. If you change this, all the file layout and mapping setup will disappear.

Modify the conversion definition to the one you have created.

Change the delimiter if needed based on your file characteristics.

File Layout Tab: Review this tab to ensure the fields appear in the exact order as that of the GMAT layout you are using. Modify default values on the Date Day column for the fields:

- Administration Date
- Administration Date2
- Administration Date3
- Graduation Date

Mapping Tab:

The default values for the following fields will need to be reviewed and probably modified depending upon your institution's business practices:

- SCC_STG_NAMES.NAME_TYPE
- SCC_STG_ADDR.ADDRESS_TYPE
- SCC_STG_EMAIL.E_ADDR_TYPE
- SCC_STG_PHONE.PHONE TYPE
- SCC_STG_TEST.TEST_ID
- SCC_STG_TEST.CHKLST_ITM_UPDT
- SCC_STG_TESTCMP.TEST_ID – Fifteen rows
- SCC_STG_TESTCMP.TEST_COMPONENT – Fifteen rows
- SCC_STG_TESTCMP.LS_DATA_SOURCE – Fifteen rows
- SCC_STG_TESTDT.TEST_ID – Three rows
- SAD_STG_TST_CAF.TEST_ID – Eight rows
- SCC_STG_STD_CAR.ACAD_CAREER
- SAD_PRS_CAR_STG.ACAD_CAREER
- SAD_PRS_CAR_STG.INSTITUTION
- SAD_PRS_CAR_STG.RECRUITING_STATUS
- SAD_PRS_CAR_STG.ADM_REFRL_SRCE
- SAD_PRS_PRG_STG.ACAD_CAREER
- SAD_PRS_PRG_STG.INSTITUTION
- SAD_PRS_PRG_STG.ACAD_PROG
- SAD_PRS_PRG_STG.RECRUITING_STATUS
- SAD_PRS_PLN_STG.ACAD_CAREER
- SAD_PRS_PLN_STG.INSTITUTION
- SAD_PRS_PLN_STG.ACAD_PROG
- SAD_PRS_PLN_STG.ACAD_PLAN
- SAD_STG_PRS_CAF.ACAD_CAREER - Three rows.
- SAD_STG_PRS_CAF.INSTITUTION - Three rows.

Calculated Fields: The following calculated fields have been delivered for GMAT:

- SCC_STG_NAMES.LAST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.FIRST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_ADDR.STATE - Concatenates the incoming values for the Country of Residence and State/Province/County fields and compares them to the field conversion definition for STATE/PROVINCE to determine the value to populate.
- SCC_STG_TESTCMP.SCORE - Looks at the incoming score value for the Verbal Converted Score, Quantitative Converted Score, Total Converted Score, Analytical Writing Converted Score and Integrated Reasoning Converted Score (depending on the

application class ID populated). If the incoming value is *++* or *+++* or ~~~, population of the row is skipped.

- SCC_STG_TESTCMP.PERCENTILE - Looks at the incoming percentile value for the Verbal Percentage Below, Quantitative Percentage Below, Total Score Percentage Below, Analytical Writing Percentage Below or Integrated Reasoning Percentage (depending on the application class ID populated). If the incoming value is *++* or ~~, population of the field is skipped.
- SAD_PRS_CAR_STG.ADM_RECR_CTR - Looks at the prospect setup you have defined to determine recruiting center. If you don't set up the Prospect Setup page, you will need to change this to a default recruiting center.
- SAD_PRS_CAR_STG.LAST_SCH_ATTEND - Uses the incoming value from Attending Institution Code to determine the EXT_ORG_ID to populate based on the EXT_ORG_TBL_ADM.ATP_CODE.

File Mapping Definition Template: SAD_GMAT_TESTRESULTS

This file mapping definition can be used to post GMAT test scores. You will need to make changes to this delivered template to reflect institution defined default values. Before doing so, make a copy of the delivered template.

File Definition Tab: Important: Leave the context definition as SAD_GMAT. If you change this, all the file layout and mapping setup will disappear.

Modify the conversion definition to the one you have created.

Change the delimiter if needed based on your file characteristics.

File Layout Tab: Review this tab to ensure the fields appear in the exact order as that of the GMAT layout you are using. Modify default values on the Date Day column for the fields:

- Administration Date
- Administration Date2
- Administration Date3
- Graduation Date

Mapping Tab:

The default values for the following fields will need to be reviewed and probably modified depending upon your institution's business practices:

- SCC_STG_NAMES.NAME_TYPE
- SCC_STG_ADDR.ADDRESS_TYPE
- SCC_STG_EMAIL.E_ADDR_TYPE
- SCC_STG_PHONE.PHONE TYPE
- SCC_STG_TEST.TEST_ID
- SCC_STG_TEST.CHKLST_ITM_UPDT
- SCC_STG_TESTCMP.TEST_ID – Fifteen rows
- SCC_STG_TESTCMP.TEST_COMPONENT – Fifteen rows
- SCC_STG_TESTCMP.LS_DATA_SOURCE – Fifteen rows
- SCC_STG_TESTDT.TEST_ID – Three rows
- SAD_STG_TST_CAF.TEST_ID – Eleven rows

Calculated Fields: The following calculated fields have been delivered for GMAT:

- SCC_STG_NAMES.LAST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.FIRST_NAME_SRCH - Removes all special characters and puts the field into upper case.

- SCC_STG_ADDR.STATE - Concatenates the incoming values for the Country of Residence and State/Province/County fields and compares them to the field conversion definition for STATE/PROVINCE to determine the value to populate.
- SCC_STG_TESTCMP.SCORE - Looks at the incoming score value for the Verbal Converted Score, Quantitative Converted Score, Total Converted Score, Analytical Writing Converted Score and Integrated Reasoning Converted Score (depending on the application class ID populated). If the incoming value is *++* or *+++* or ~~~, population of the row is skipped.
- SCC_STG_TESTCMP.PERCENTILE - Looks at the incoming percentile value for the Verbal Percentage Below, Quantitative Percentage Below, Total Score Percentage Below, Analytical Writing Percentage Below or Integrated Reasoning Percentage (depending on the application class ID populated). If the incoming value is *++* or ~~, population of the field is skipped.

Common Attribute Framework:

The following sample common attributes have been delivered for the incoming field indicated:

- GMAT_DT_SCORE - Date Scores Published to Program.
- GMAT_EDU_LVL - Education Level.
- GMAT_ID_NBR - GMAT ID Number.
- GMAT_IN_GRD_STUDY - Intended Graduate Study.
- GMAT_IRR_CD - Irregularity Code.
- GMAT_PROG_CD - GMAT Program Code.
- GMAT_REG_NBR - Registration/Appt Number.
- GMAT_UGRD_MJCD - Undergraduate Major Code.
- GMAT_UGRD_PTAVG - Undergraduate Grade Point Average.

Important! You need to associate these attributes with the Record Context = SAD_TESTDT and ADM_PRSPCT_CAR before running the File Parser process.

To associate the delivered GMAT common attributes with the SAD_TESTDT Record Context:

1. Access the Record Context search page (Set Up SACR, Common Definitions, Common Attributes Setup, Record Context).
2. Enter Record (Table) Name = *SAD_TESTDT*.
3. Click Search.
4. In the Attributes section, add a row and populate the Common Attribute field for each common attribute listed above. Add a new row for each common attribute.
5. Click Save.

To associate the delivered GMAT common attributes with the ADM_PRSPCT_CAR Record Context:

1. Access the Record Context search page (Set Up SACR, Common Definitions, Common Attributes Setup, Record Context).
2. Enter Record (Table) Name = *ADM_PRSPCT_CAR*.
3. Click Search.
4. In the Attributes section, add a row and populate the Common Attribute field for only these common attributes:
    - GMAT_EDU_LVL
    - GMAT_UGRD_PTAVG

- GMAT_UGRD_MJCD

Add a new row for each common attribute.

5. Click Save.

Appendix F - Graduate Record Examinations (GRE)

Bundle 32

New

Delivered Transaction Code: SAD_GRE

Modify the delivered transaction as follows:

- Update the data update rule with one defined by your institution based on your constituent data update policies.
- Search/Match Setup: Update the search parameter, search result codes and update rules based on your institution's needs.

File Parser Field Conversion Definition Template: SAD_GRE

Conversion examples have been delivered for the following fields:

- ACAD CAREER based on incoming Department Code value.
- ACAD_PROG based on incoming Department Code value.
- ACAD PLAN based on incoming Intended Graduate Major Field value.
- GENDER based on incoming Gender value.

Each of these conversions may need to be modified based upon your internal values. Either create a new field conversion definition or copy the delivered definition and modify as needed.

Context Definition Template: SAD_GRE

Review the delivered template and determine if any records need to be added. Modify this delivered version. It will be used on the File Mapping Definition component. Create a copy before doing so to keep an original version. If you choose to use a copy of a delivered context definition and reference the copied version in your file mapping definition, the system forces you to redefine the file layout and file mapping setup.

File Mapping Definition Template: SAD_GRE_TESTPROSPECT

This file mapping definition can be used to create prospects, populate test scores and supporting data such as academic interests. You will need to make changes to this delivered template to reflect institution defined default values. Before doing so, make a copy of the delivered template.

File Definition Tab: Important: Leave the context definition as SAD_GRE. If you change this, all the file layout and mapping setup will disappear.

Modify the conversion definition to the one you have created.

Change the delimiter if needed based on your file characteristics.

File Layout Tab: Review this tab to ensure the fields appear in the exact order as that of the GRE layout you are using.

Mapping Tab:

The default values for the following fields will need to be reviewed and probably modified depending upon your institution's business practices:

- SCC_STG_NAMES.NAME_TYPE
- SCC_STG_ADDR.ADDRESS_TYPE
- SCC_STG_EMAIL.E_ADDR_TYPE
- SCC_STG_PHONE.PHONE TYPE
- SCC_STG_TEST.TEST_ID
- SCC_STG_TEST.CHKLST_ITM_UPDT

- SCC_STG_TESTCMP.TEST_ID – Twenty-one rows
- SCC_STG_TESTCMP.TEST_COMPONENT – Twenty-one rows
- SCC_STG_TESTCMP.LS_DATA_SOURCE – Twenty-one rows
- SCC_STG_TESTDT.TEST_ID
- SAD_STG_TST_CAF.TEST_ID – Seven rows
- SAD_PRS_CAR_STG.INSTITUTION
- SAD_PRS_CAR_STG.RECRUITING_STATUS
- SAD_PRS_CAR_STG.ADM_REFRL_SRCE
- SAD_PRS_PRG_STG.INSTITUTION
- SAD_PRS_PRG_STG.RECRUITING_STATUS
- SAD_PRS_PLN_STG.INSTITUTION
- SCC_STG_ADMINT.LS_DATA_SOURCE

Calculated Fields: The following calculated fields have been delivered for GRE:

- SCC_STG_NAMES.LAST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.FIRST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_TESTCMP.SCORE - Twenty one rows. Formats the incoming score.
    - Verbal Reasoning Score: If Test Code is 02 and Score Type is V, then Scaled Score should be populated.
    - Quantitative Reasoning Score: If Test Code is 02 and Score Type is Q, then Scaled Score should be populated.
    - New Verbal Reasoning Score: If Test Code is 03 and Score Type is V, then Scaled Score should be populated. OR If Test Code is 02 and Score Type is V, then Estimated Current Score should be populated.
    - New Quantitative Reasoning Score: If Test Code is 03 and Score Type is Q, then Scaled Score should be populated. OR If Test Code is 02 and Score Type is Q, then Estimated Current Score should be populated.
    - Analytical Writing Score: If Test Code is 02 or 03 and Score Type is W, then Scaled Score should be populated.
    - Biochemistry, Cell, Molecular Biology Score: If Test Code is 22 and Score Type is S, then Scaled Score should be populated.
    - Biochemistry Subscore: If Test Code is 22 and Score Type is 1, then Scaled Score should be populated.
    - Cell Biology Subscore: If Test Code is 22 and Score Type is 2, then Scaled Score should be populated.
    - Molecular Bio & Genetics Subscore: If Test Code is 22 and Score Type is 3, then Scaled Score should be populated.
    - Biology Score: If Test Code is 24 and Score Type is S, then Scaled Score should be populated.
    - Cellular & Molecular Bio Subscore: If Test Code is 24 and Score Type is 1, then Scaled Score should be populated.
    - Organismal Biology Subscore: If Test Code is 24 and Score Type is 2, then Scaled Score should be populated.
    - Ecology & Evolution Subscore: If Test Code is 24 and Score Type is 3, then Scaled Score should be populated.
    - Chemistry Score: If Test Code is 27 and Score Type is S, then Scaled Score should be populated.

    - Computer Science Score: If Test Code is 29 and Score Type is S, then Scaled Score should be populated.
    - Literature in English Score: If Test Code is 64 and Score Type is S, then Scaled Score should be populated.
    - Mathematics Score: If Test Code is 68 and Score Type is S, then Scaled Score should be populated.
    - Physics Score: If Test Code is 77 and Score Type is S, then Scaled Score should be populated .
    - Psychology Score: If Test Code is 81 and Score Type is S, then Scaled Score should be populated.
    - Experimental Psychology Subscore: If Test Code is 81 and Score Type is 1, then Scaled Score should be populated.
    - Social Psychology Subscore: If Test Code is 81 and Score Type is 2, then Scaled Score should be populated.
- SCC_STG_TESTCMP.PERCENTILE - Twenty One rows. Formats the incoming percentile.
    - Verbal Reasoning Percentage: If Test Code is 02 and Score Type is V, then Percentage Rank should be populated.
    - Quantitative Reasoning Percentage: If Test Code is 02 and Score Type is Q, then Percentage Rank should be populated.
    - New Verbal Reasoning Percentage: If Test Code is 03 and Score Type is V, then Percentage Rank should be populated.
    - New Quantitative Reasoning Percentage: If Test Code is 03 and Score Type is Q, then Percentage Rank should be populated.
    - Analytical Writing Percentage: If Test Code is 02 or 03 and Score Type is W, then Percentage Rank should be populated.
    - Biochemistry, Cell, Molecular Biology Percentage: If Test Code is 22 and Score Type is S, then Percentage Rank should be populated.
    - Biochemistry Percentage: If Test Code is 22 and Score Type is 1, then Percentage Rank should be populated.
    - Cell Biology Percentage: If Test Code is 22 and Score Type is 2, then Percentage Rank should be populated.
    - Molecular Bio & Genetics Percentage: If Test Code is 22 and Score Type is 3, then Percentage Rank should be populated.
    - Biology Percentage: If Test Code is 24 and Score Type is S, then Percentage Rank should be populated.
    - Cellular & Molecular Bio Percentage: If Test Code is 24 and Score Type is 1, then Percentage Rank should be populated.
    - Organismal Biology Percentage: If Test Code is 24 and Score Type is 2, then Percentage Rank should be populated.
    - Ecology & Evolution Percentage: If Test Code is 24 and Score Type is 3, then Percentage Rank should be populated.
    - Chemistry Percentage: If Test Code is 27 and Score Type is S, then Percentage Rank should be populated.
    - Computer Science Percentage: If Test Code is 29 and Score Type is S, then Percentage Rank should be populated.
    - Literature in English Percentage: If Test Code is 64 and Score Type is S, then Percentage Rank should be populated.

    - Mathematics Percentage: If Test Code is 68 and Score Type is S, then Percentage Rank should be populated.
    - Physics Percentage: If Test Code is 77 and Score Type is S, then Percentage Rank should be populated.
    - Psychology Percentage: If Test Code is 81 and Score Type is S, then Percentage Rank should be populated.
    - Experimental Psychology Percentage: If Test Code is 81 and Score Type is 1, then Percentage Rank should be populated.
    - Social Psychology Percentage: If Test Code is 81 and Score Type is 2, then Percentage Rank should be populated.
- SAD_PRS_CAR_STG. ADM_RECR_CTR - Derives the Recruiting Center based on the incoming Institution, Career, Program, and Plan.

File Mapping Definition Template: SAD_GRE_TESTRESULTS

This file mapping definition can be used to post GRE test scores. You will need to make changes to this delivered template to reflect institution defined default values. Before doing so, make a copy of the delivered template.

File Definition Tab: Important: Leave the context definition as SAD_GRE. If you change this, all the file layout and mapping setup will disappear.

Modify the conversion definition to the one you have created.

Change the delimiter if needed based on your file characteristics.

File Layout Tab: Review this tab to ensure the fields appear in the exact order as that of the GRE layout you are using.

Mapping Tab:

The default values for the following fields will need to be reviewed and probably modified depending upon your institution's business practices:

- SCC_STG_NAMES.NAME_TYPE
- SCC_STG_ADDR.ADDRESS_TYPE
- SCC_STG_EMAIL.E_ADDR_TYPE
- SCC_STG_PHONE.PHONE TYPE
- SCC_STG_TEST.TEST_ID
- SCC_STG_TEST.CHKLST_ITM_UPDT
- SCC_STG_TESTCMP.TEST_ID – Twenty-one rows
- SCC_STG_TESTCMP.TEST_COMPONENT – Twenty-one rows
- SCC_STG_TESTCMP.LS_DATA_SOURCE – Twenty-one rows
- SCC_STG_TESTDT.TEST_ID
- SAD_STG_TST_CAF.TEST_ID – Seven rows

Calculated Fields: The following calculated fields have been delivered for GRE:

- SCC_STG_NAMES.LAST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_NAMES.FIRST_NAME_SRCH - Removes all special characters and puts the field into upper case.
- SCC_STG_TESTCMP.SCORE - Twenty one rows. Formats the incoming score.
    - Verbal Reasoning Score: If Test Code is 02 and Score Type is V, then Scaled Score should be populated.
    - Quantitative Reasoning Score: If Test Code is 02 and Score Type is Q, then Scaled Score should be populated.

    - New Verbal Reasoning Score: If Test Code is 03 and Score Type is V, then Scaled Score should be populated. OR If Test Code is 02 and Score Type is V, then Estimated Current Score should be populated.
    - New Quantitative Reasoning Score: If Test Code is 03 and Score Type is V, then Scaled Score should be populated. OR If Test Code is 02 and Score Type is Q, then Estimated Current Score should be populated.
    - Analytical Writing Score: If Test Code is 02 or 03 and Score Type is W, then Scaled Score should be populated.
    - Biochemistry, Cell, Molecular Biology Score: If Test Code is 22 and Score Type is S, then Scaled Score should be populated.
    - Biochemistry Subscore: If Test Code is 22 and Score Type is 1, then Scaled Score should be populated.
    - Cell Biology Subscore: If Test Code is 22 and Score Type is 2, then Scaled Score should be populated.
    - Molecular Bio & Genetics Subscore: If Test Code is 22 and Score Type is 3, then Scaled Score should be populated.
    - Biology Score: If Test Code is 24 and Score Type is S, then Scaled Score should be populated.
    - Cellular & Molecular Bio Subscore: If Test Code is 24 and Score Type is 1, then Scaled Score should be populated.
    - Organismal Biology Subscore: If Test Code is 24 and Score Type is 2, then Scaled Score should be populated.
    - Ecology & Evolution Subscore: If Test Code is 24 and Score Type is 3, then Scaled Score should be populated.
    - Chemistry Score: If Test Code is 27 and Score Type is S, then Scaled Score should be populated.
    - Computer Science Score: If Test Code is 29 and Score Type is S, then Scaled Score should be populated.
    - Literature in English Score: If Test Code is 64 and Score Type is S, then Scaled Score should be populated.
    - Mathematics Score: If Test Code is 68 and Score Type is S, then Scaled Score should be populated.
    - Physics Score: If Test Code is 77 and Score Type is S, then Scaled Score should be populated.
    - Psychology Score: If Test Code is 81 and Score Type is S, then Scaled Score should be populated.
    - Experimental Psychology Subscore: If Test Code is 81 and Score Type is 1, then Scaled Score should be populated.
    - Social Psychology Subscore: If Test Code is 81 and Score Type is 2, then Scaled Score should be populated.
- SCC_STG_TESTCMP.PERCENTILE - Twenty One rows. Formats the incoming percentile.
    - Verbal Reasoning Percentage: If Test Code is 02 and Score Type is V, then Percentage Rank should be populated.
    - Quantitative Reasoning Percentage: If Test Code is 02 and Score Type is Q, then Percentage Rank should be populated.
    - New Verbal Reasoning Percentage: If Test Code is 03 and Score Type is V, then Percentage Rank should be populated.

- New Quantitative Reasoning Percentage: If Test Code is 03 and Score Type is Q, then Percentage Rank should be populated.
- Analytical Writing Percentage: If Test Code is 02 or 03 and Score Type is W, then Percentage Rank should be populated.
- Biochemistry, Cell, Molecular Biology Percentage: If Test Code is 22 and Score Type is S, then Percentage Rank should be populated.
- Biochemistry Percentage: If Test Code is 22 and Score Type is 1, then Percentage Rank should be populated.
- Cell Biology Percentage: If Test Code is 22 and Score Type is 2, then Percentage Rank should be populated.
- Molecular Bio & Genetics Percentage: If Test Code is 22 and Score Type is 3, then Percentage Rank should be populated.
- Biology Percentage: If Test Code is 24 and Score Type is S, then Percentage Rank should be populated.
- Cellular & Molecular Bio Percentage: If Test Code is 24 and Score Type is 1, then Percentage Rank should be populated.
- Organismal Biology Percentage: If Test Code is 24 and Score Type is 2, then Percentage Rank should be populated.
- Ecology & Evolution Percentage: If Test Code is 24 and Score Type is 3, then Percentage Rank should be populated.
- Chemistry Percentage: If Test Code is 27 and Score Type is S, then Percentage Rank should be populated.
- Computer Science Percentage: If Test Code is 29 and Score Type is S, then Percentage Rank should be populated.
- Literature in English Percentage: If Test Code is 64 and Score Type is S, then Percentage Rank should be populated.
- Mathematics Percentage: If Test Code is 68 and Score Type is S, then Percentage Rank should be populated.
- Physics Percentage: If Test Code is 77 and Score Type is S, then Percentage Rank should be populated.
- Psychology Percentage: If Test Code is 81 and Score Type is S, then Percentage Rank should be populated.
- Experimental Psychology Percentage: If Test Code is 81 and Score Type is 1, then Percentage Rank should be populated.
- Social Psychology Percentage: If Test Code is 81 and Score Type is 2, then Percentage Rank should be populated.

Common Attribute Framework:

The following sample common attributes have been delivered for the incoming field indicated:

- GRE_LAST4_SSN - Social Security Number – Last 4 Digits
- GRE_REG_NBR - Registration Number
- GRE_TEST_NAME - Test Name
- GRE_EXAM_SEQ_NO - Examinee Sequence No.
- GRE_REC_SRL_NBR - Record Serial Number
- GRE_CYCLE_NO - Cycle Number
- GRE_PROC_DT - Process Date

Important! You need to associate these attributes with the Record Context = SAD_TESTDT before running the File Parser process.

To associate the delivered GRE common attributes with the SAD_TESTDT Record Context:

1. Access the Record Context search page (Set Up SACR, Common Definitions, Common Attributes Setup, Record Context).
2. Enter Record (Table) Name = *SAD_TESTDT*.
3. Click Search.
4. In the Attributes section, add a row and populate the Common Attribute field for each common attribute listed above. Add a new row for each common attribute.
5. Click Save.

Set up additional common attributes for other fields that have not been mapped on the File Mapping Definition component. Add each new attribute with the SAD_TESTDT record context. In addition to creating the common attribute and adding them to the record context, you will need to add rows for each common attribute on the File Mapping Definition component. Additional fields that were not mapped include:

- Institution Name
- Department Name
- Country
- Test Code