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Introduction

Purpose/Audience

The purpose of this document is to introduce Texas Connection Consortium institutions to the TCC enhancements provided for the Banner General module. The objective of the TCC General objects is to provide information which may be related to the other Banner modules.

How to Use This Guide

This guide is organized to provide information regarding the Texas Connection Consortium modifications to the Banner General System. TCC Menus and Forms are included in sections which are described below:

- Introduction
  - This section introduces the TCC modifications to the Banner General System.
- TCC Menu Reference
  - This section lists the TCC menus provided for the Banner General system.
- TCC Forms Reference
  - This section lists the TCC Forms and includes recommendations regarding configuration and setup.

Related Documentation

In addition to the TCC Modifications General User Guide the following documentation supports work with the Banner General System:

*Banner Getting Started Guide* – a user/reference manual that describes the features and components of the Banner system and Banner Online Help.

*Banner General User Guide* – a user/reference manual that describes the features and components of the Banner Student system.
How to Contact Ellucian & Texas Connection Consortium

**Customer Support Center:**
- The Ellucian Customer Support Center refers to the secured area of the *Ellucian* World Wide Web site dedicated to ActionLine and other related services available to clients. Users must be registered to obtain access to the secured site. Users can request an account to gain access to *Ellucian’s* secured web pages by accessing [http://connect.ellucian.com](http://connect.ellucian.com).
  - Note: Temporarily the legacy site [http://connect.sungardhe.com](http://connect.sungardhe.com) remains active.
- When submitting a Service Request via the Customer Support Center, a determination is made if the issue is ‘baseline’ or TCC-related. If the issue is TCC-related then designating ‘Student Texas Modifications’ in the ‘Product’ field will ensure the request is directed to the Texas Connection Shared Services Center.

**Texas Connection Home:** [http://texas-connection.org/](http://texas-connection.org/) *(NEW!)*

**Ellucian Commons:**
- The Ellucian Commons is the location used to collaborate on TCC requirements. Everyone is welcome to log on, read, contribute to discussions, and download solution information. Each institution’s TCC BUGS representative may make use of this area to communicate their school’s ideas, thoughts and support of needed solutions. Sharing your thoughts with the institution’s BUGS representative will also allow them to provide input onto these pages as a representative of your institution.
- Instructions for gaining access to the TCC commons area are included below:
  1) If you have not already registered with Edu1World, please do so. This includes entering various information about the type of work you do, etc. Proceed to the Edu1World registration Link - Ellucian Commons Registration Site [http://www.edu1world.org/submitform/SunGardHECommonsInvitation/](http://www.edu1world.org/submitform/SunGardHECommonsInvitation/).
    - Note: This step is only performed once.
  2) After registering, click on the Login at the top of the page and sign in. If already registered, another option to access the Ellucian Commons Community is to use the URL [http://www.edu1world.org/CommonsSunGardHE/](http://www.edu1world.org/CommonsSunGardHE/)
  3) After signing in, click on Community Index in the top left corner. Under Member’s Favorites, click on *Ellucian* Commons. NOTE that under the picture in the middle of the screen is a link to a tutorial to help you get started with the Commons.
  4) Under the *Ellucian* banner, and to the right of Commons Home in the dark blue line, click on All Communities. From there choose each community that you want to join. TCC Communities have locks next to them which means you will need to request an invitation.
  5) You will receive a confirmation email for each private community you request access to.
  6) Sign in to the communities and look around!

*Note* the Email Notifications link in the right hand column in the Feeds block. This link allows setting up daily digests for each Community in which you are interested. A daily digest delivers one email a day to your email address containing all updates in each Community for which you are registered for this feature.

- Following is a URL which can be used to directly connect to the TCC Student Commons community: [http://www.edu1world.org/CommonsUSTCCStudent/](http://www.edu1world.org/CommonsUSTCCStudent/).
Software Version

This User Guide addresses the TCC modifications for Banner General 8.5.0 including all Texas Connection Shared Services Center patches released as of June 28, 2012.

Following is a list of TCC RTEs released since Jan. 1, 2012 and included with this version:

<table>
<thead>
<tr>
<th>RTE #</th>
<th>Description</th>
<th>Date of Release (CCYYMMDD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001</td>
<td>TCC Version Reporting</td>
<td>20120628</td>
</tr>
</tbody>
</table>

Banner General Pre-requisite Setup

Preliminary Setup

Complete the following steps for the preliminary setup:

1. Install appropriate Banner modules.
2. Install TCC modifications.

Note: All software released by the TCC for Banner General is chronological in nature which means the software should be installed in the order released. Any release may be dependent upon software released in a previous version.

See the TCC General Technical Reference Manual (TRM) for additional information.

Technical Note

Users need security access granted to the General Menu (TCCGENERAL), General forms (GZITCCV and GZIERRS) and the General process (GZRTCCV) documented below.
Technical Note
Users need security access granted to the General Menu (TCCGENERAL) documented below.

General Menu (TCCGENERAL)

The TCC modifications include additions to the baseline menu (GUAGMNU) which allow selection of the TCC delivered General forms.
Technical Note
Users need security access granted to the General forms (GZIERRS and GZITCCV) documented below.

General Errors Inquiry Form (GZIERRS)

A TCC inquiry form entitled General Errors Inquiry (GZIERRS) is used to report Oracle related errors produced by a TCC process.

This form displays errors that are not otherwise easily identified and which may be produced by a number of TCC reports or processes from any of the Banner modules in use at this institution. This form is potentially used by both Texas Public Universities and Community Colleges for all modules (Finance, Financial Aid, Human Resources, and Student).

Note: PII in the above screen print is intentionally falsified.
The number of errors posted to this form by a particular process may be included in the Job Submission LIS file. See below for an example:

<table>
<thead>
<tr>
<th>Total Header Records</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Trailer Records</td>
<td>1</td>
</tr>
<tr>
<td>GZIERRS ERRORS *****</td>
<td>1</td>
</tr>
</tbody>
</table>

**Recommendation:** Review the LIS file after every submission to determine if errors were posted to GZIERRS.

**Operation**

- **Procedure Name**: The name of the procedure ie: PZRUDTL.sql which was running when the error occurred.
- **Procedure Section**: Section of the procedure code in which the error was produced.
- **Error Code**: Oracle Error Code produced by the error
- **Error Text**: Oracle Error Text associated with the error.
- **Activity Date**: Date the error was encountered.
- **Un-labeled Selector Box**: Check this box if this error may be deleted.
- **Delete All?**: If selected then all errors viewable via this form will delete upon entry of a SAVE command.
- **Delete Selected?**: If selected then only those errors with a check in the Un-labeled Selector box will delete upon entry of a SAVE command.
- **Note**: Data viewed in the bottom section of the form relates to only the highlighted row in the top section of the form. This data in the bottom section may change with each row high-lighted in the top section of the form.
- **PIDM**: If the error is PIDM related (insert, update or delete) then the PIDM is displayed here for the corresponding error above.
- **ID**: If the error is pidm related then the ID associated with that PIDM is displayed.
- **Key Value 3, 4 etc.**: These fields will display additional key values for the process that encountered the error.
The TCC Version Install Inquiry Form (GZITCCV) may be utilized to determine the current version of the TCC modifications installed at this institution. This table is updated after installation of each TCC Banner modification (including patches).

<table>
<thead>
<tr>
<th>Operation</th>
<th>The baseline Banner module for which the enhancement was developed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Banner System</td>
<td>The baseline Banner release for which this enhancement is compatible. This modification should be installed with this baseline Banner release only.</td>
</tr>
<tr>
<td>Install Date</td>
<td>Date the install was performed on your database.</td>
</tr>
<tr>
<td>TCC Release</td>
<td>The TCC Support Center Release name of the enhancement.</td>
</tr>
<tr>
<td>Note:</td>
<td>This form is inquiry only. Any field or combination of fields may be used for query purposes. The Install Date field may be queried by using ‘&lt;’ or ‘&gt;’ to designate dates before or after the date entered.</td>
</tr>
<tr>
<td>Example:</td>
<td>‘&lt;01-Mar-2009’ will return all Install Dates prior to March 1, 2009</td>
</tr>
</tbody>
</table>
TCC Processes and Reports

Technical Note

Users need security access granted to the General process (GZRTCCV) documented below.

TCC Version Reporting (GZRTCCV)

The GZRTCCV process provides a user-friendly interface for listing all TCC patches and releases installed at the institution.

Program Parameters:

Filename Required.
Enter filename which will include the results of this GZRTCCV process. This filename may also include a folder path such as /user/gzrtccv. This parameter value cannot exceed 30 characters. By default the output file is created in the Banner baseline Job Submission folder where the LOG and LIS files are created. The file type is automatically assigned as CSV. The file created is a comma delimited file which is compatible with spreadsheet software.

Recommendation

The output file may be attached to Service Requests submitted to the Customer Support Center as the contents are requested for each SR submitted.

Technical Note

Users need security access granted to the General process (GZRTCCV) documented below.

See the parameter example below:

![Parameter example image]
Output – LIS file

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parameter Seq No</td>
<td>13154</td>
</tr>
<tr>
<td>Name and directory</td>
<td>grntcsv-20120622.dat</td>
</tr>
<tr>
<td>Total TCCVers Records</td>
<td>207</td>
</tr>
</tbody>
</table>

Output – CSV file

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Product</td>
<td>Embedded Date</td>
<td>TCC Release</td>
<td>Banner Vers</td>
<td>Date Applied</td>
<td>DB Name</td>
</tr>
<tr>
<td>2</td>
<td>AR</td>
<td>20100929</td>
<td>TCC_T_8.1.0_20100929_R_5093</td>
<td>8.1.0</td>
<td>7/27/2011 9:54</td>
<td>TX85D011</td>
</tr>
<tr>
<td>3</td>
<td>AR</td>
<td>20110816</td>
<td>TCC_T_8.3.0_20110816_B</td>
<td>8.3.0</td>
<td>8/15/2011 12:19</td>
<td>TX85D011</td>
</tr>
<tr>
<td>4</td>
<td>AR</td>
<td>20120315</td>
<td>TCC_T_8.4.1_20120315_P_beta1</td>
<td>8.4</td>
<td>2/24/2012 3:56</td>
<td>TX85D011</td>
</tr>
<tr>
<td>5</td>
<td>AR</td>
<td>20120430</td>
<td>TCC_T_8.4.1_20120430_B</td>
<td>8.4</td>
<td>4/2/2012 3:20</td>
<td>TX85D011</td>
</tr>
<tr>
<td>6</td>
<td>FINANCE</td>
<td>20110308</td>
<td>TCC_F_8.5_20110308_A_2078_beta1</td>
<td>8.5</td>
<td>6/10/2011 15:18</td>
<td>TX85D011</td>
</tr>
<tr>
<td>7</td>
<td>FINANCE</td>
<td>20110515</td>
<td>TCC_F_8.5_20110515_P</td>
<td>8.5</td>
<td>6/10/2011 15:34</td>
<td>TX85D011</td>
</tr>
<tr>
<td>8</td>
<td>FINANCE</td>
<td>20110615</td>
<td>TCC_F_8.5_20110615_P</td>
<td>8.5</td>
<td>6/15/2011 14:34</td>
<td>TX85D011</td>
</tr>
<tr>
<td>9</td>
<td>FINANCE</td>
<td>20110720</td>
<td>TCC_F_8.5_20110720_R_2075_beta3</td>
<td>8.5</td>
<td>7/20/2011 16:52</td>
<td>TX85D011</td>
</tr>
<tr>
<td>10</td>
<td>FINANCE</td>
<td>20110802</td>
<td>TCC_F_8.5_20110802_R_2075_beta4</td>
<td>8.5</td>
<td>8/2/2011 15:17</td>
<td>TX85D011</td>
</tr>
<tr>
<td>11</td>
<td>FINANCE</td>
<td>20110810</td>
<td>TCC_F_8.5_20110810_R_2075</td>
<td>8.5</td>
<td>8/3/2011 11:32</td>
<td>TX85D011</td>
</tr>
<tr>
<td>12</td>
<td>FINANCE</td>
<td>20110815</td>
<td>TCC_F_8.5_20110815_P</td>
<td>8.5</td>
<td>8/15/2011 11:45</td>
<td>TX85D011</td>
</tr>
<tr>
<td>13</td>
<td>FINANCE</td>
<td>20110915</td>
<td>TCC_F_8.6_20110915_P</td>
<td>8.6</td>
<td>9/13/2011 10:00</td>
<td>TX85D011</td>
</tr>
<tr>
<td>14</td>
<td>FINANCE</td>
<td>20111107</td>
<td>TCC_F_8.6_20111107_STA_P</td>
<td>8.5</td>
<td>11/11/2011 18:26</td>
<td>TX85D011</td>
</tr>
<tr>
<td>15</td>
<td>FINANCE</td>
<td>20111111</td>
<td>TCC_F_8.6_20111111_STA_P</td>
<td>8.5</td>
<td>11/14/2011 11:54</td>
<td>TX85D011</td>
</tr>
<tr>
<td>16</td>
<td>FINANCE</td>
<td>20111201</td>
<td>TCC_F_8.6_20111201_R_2095_beta1</td>
<td>8.6</td>
<td>12/29/2011 11:08</td>
<td>TX85D011</td>
</tr>
<tr>
<td>17</td>
<td>FINANCE</td>
<td>20120315</td>
<td>TCC_F_8.6_20120315_TTN_P</td>
<td>8.6</td>
<td>1/18/2012 15:51</td>
<td>TX85D011</td>
</tr>
</tbody>
</table>

Recommendation: The output CSV file may be attached to Service Requests submitted to the Customer Support Center as the contents are requested for each SR submitted.