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Banner Student Release Guide

Release 8.6.7
September 2014



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Introduction

This release guide documents Release 8.6.7 of the Banner® Student System. This release contains database changes required to support the Banner Student Academic History Release 9.0 Controlled Release. Change request resolutions are also included.

Banner Student 8.6.7 is dependent on Banner Student 8.6.5. Banner Student 8.6.7 is not cumulative.

Delivered in 8.6.7

This document describes the following changes, which are delivered for Release 8.6.7.

- Database changes used with Banner Student Academic History 9.0 are delivered, including SQL objects and seed data.
- An Idea and updated functionality are delivered for use with Banner Student Academic History 9.0.



1 Technical Data

This section contains technical data for the Banner Student 8.6.7 release which supports Banner Student Academic History Controlled Release 9.0.

- [“SQL objects for new tables and columns” on page 7](#)
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- [“Objects new to Banner Security” on page 19](#)

SQL objects for new tables and columns

Here is list of SQL objects for new and changed tables that support Banner 9.x Academic History. The new tables and database columns support electronic gradebook processing and repeat processing.

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
shbgctl_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new columns to SHBGCTL table
shbgctl_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
shbrptr_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
shrcmrk_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new columns to SHRCMRK table for grade change reason, grade comment, and summary
shrcmrk_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add Foreign Key for grade change reason
shrcmrk_080607_03.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add Foreign Key for grade comment
shrcmrk_080607_04.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
shrgcom_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new column to SHRGCOM table to support anonymous marketing
shrgcom_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Set default value to N
shrgcom_080607_03.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comment

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
shrmrks_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new column for summary to SHRMRKS table
shrmrks_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comment
shrrpeq_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new columns to SHRRPEQ table
shrrpeq_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
shrscom_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new column to SHRSKOM table to support anonymous marketing
shrscom_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Set new column default value to N
shrscom_080607_03.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comment
shrsmrk_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new column for summary to SHRSMRK table
shrsmrk_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comment
shrtcad_080607_01.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Create new SHRTCAD temporary table
shrtcad_080607_02.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Add Primary Key

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
shrtcad_080607_03.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
shrtcag_080607_01.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Create new SHRTCAG temporary table
shrtcag_080607_02.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Add Primary Key
shrtcag_080607_03.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
shrtcal_080607_01.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Create new SHRTCAL temporary table
shrtcal_080607_02.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Add Primary Key
shrtcal_080607_03.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
shrtcan_080607_01.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Create new SHRTCAN temporary table
shrtcan_080607_02.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Add Primary Key
shrtcan_080607_03.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
sobptrm_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new columns to SOBPTRM table

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
sobptrm_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
sobterm_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new columns to SOBTERM table
sobterm_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
ssbsect_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new columns to SSBSECT table
ssbsect_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
ssbssec_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new columns to SSBSSEC table
ssbssec_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
stvgcat_080607_01.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Create STVGCAT table
stvgcat_080607_02.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Add Primary Key
stvgcat_080607_03.sql	ddl	New	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments
stvgchg_080607_01.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add new columns to STVGCHG table

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
stvgchg_080607_02.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add Foreign Key
stvgchg_080607_03.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Set new columns to default value of N
stvgchg_080607_04.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Set new columns to Not Null
stvgchg_080607_05.sql	ddl	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Add column comments

SQL objects for updated packages and triggers

Here is list of SQL objects for updated packages and triggers that support Banner 9.x Academic History.

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
shkegbh.sql	dbprocs	New	banner-baseline-dbupgrade	Electronic Gradebook	Package changes
shkegb1.sql	dbprocs	New	banner-baseline-dbupgrade	Electronic Gradebook	Package changes
shkegrb.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Package changes

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
shkegr1.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Package changes
shkgcom.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Package changes
shkgcol.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Package changes
shkmods.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Package changes
shkmod1.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Package changes
shkrols.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Package changes
shkroll.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Package changes
shkrpts.sql	dbprocs	Existing	banner-baseline-dbupgrade	Repeat Processing	Package changes for Ideas
shkrpt1.sql	dbprocs	Existing	banner-baseline-dbupgrade	Repeat Processing	Package changes for Ideas
shtcmrk1.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Trigger changes
shtcmrk2.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Trigger changes

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
shtmrks2.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Trigger changes
shtsmrk0.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Trigger changes
shtsmrk4.sql	dbprocs	Existing	banner-baseline-dbupgrade	Electronic Gradebook	Trigger changes

SQL objects for PL/SQL APIs and Banner views

Here is a list of the SQL PL/SQL objects that have been modified to support new table columns used by APIs and Banner views.

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
sokb_term0.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SOBTERM API
sokb_term1.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SOBTERM API
sokb_term_r0.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SOBTERM API rules

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
sokb_term_r1.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SOBTERM API rules
sokd_sobterm0.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SOBTERM dml API
sokd_sobterm1.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SOBTERM dml API
sokb_section0.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SSBSECT API
sokb_section1.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SSBSECT API
sokb_section_r0.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SSBSECT API rules
sokb_section_r1.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SSBSECT API rules
sokd_ssbsect0.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SSBSECT dml API
sokd_ssbsect1.sql	dbprocs	Existing	banner_baseline_dbupgrade	Electronic Gradebook	SSBSECT dml API

Seed data

Here is a list of the seed data scripts used with Banner 9.x Academic History.

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
sgjbpdefi_080607.sql	dml	New	banner_baseline_dbupgrade	Repeat Processing	Adds new parameter to SHRRPTS
sgjbpdfi_080607.sql	dml	New	banner_baseline_dbupgrade	Repeat Processing	Adds default value for the parameter
sgtvsdaxi_080607.sql	dml	New	banner_baseline_dbupgrade	Electronic Gradebook	Adds GTVSDAX rules for: <ul style="list-style-type: none"> grade change reason codes used with electronic gradebook component and subcomponent comments used with SHACMRK
sgubmepoi_080607.sql	dml	New	banner_baseline_dbupgrade	Menu, MEP	Enable MEP in the following tables: <ul style="list-style-type: none"> SHRTCAD SHRTCAG SHRTCAL SHRTCAN STVGCAT
sgubobjsi_080607.sql	dml	New	banner_baseline_dbupgrade	Objects	Create new Banner General object entries (GUBOBS)
sgubobjsu_080607.sql	dml	New	banner_baseline_dbupgrade	Objects	Update existing Banner General object entries (GUBOBS)

Object Name	SVN directory (dbprocs, plus, ddl, view)	New/ Existing	Plugin/App	Enhancement	Description
sgurmenui_080607.sql	dml	New	banner_baseline_dbupgrade	Menu	Create new Banner General menu entries (GURMENU)
sgurmenuu_080607.sql	dml	New	banner_baseline_dbupgrade	Menu	Update existing Banner General menu entries (GURMENU)

Baseline (INB) forms that need to be regenerated

The following forms/pages need to be regenerated due to PL/SQL API and package signature changes:

- SFAMREG
- SHAGCOM
- SHARPTR
- SHATCKN
- SOATERM
- SSAACCL
- SSAPREQ
- SSASECT

Baseline (INB) forms converted to Banner 9.x pages

Here is a list of the Banner 8.X forms which have been converted to 9.x pages for Banner Student Academic History Controlled Release 9.0.

Form	Banner 9.x Name	Application	New/Existing	GUAPAGE Module	Description
SGACOOB	cooperativeEducation	StudentGeneralStudent History	Existing	SG	Cooperative Education
SHAEGBC	electronicGradebookControl	StudentGeneralStudent History	New	SH	Electronic Gradebook Control (converted from European Solution Center SKAEGBC)
SHAGCOM	gradableComponentDefinition	StudentOverall	Existing	SO	Gradable Component Definition
SHAINST	studentTermCourse Maintenance	StudentGeneralStudent History	Existing	SH	Student Term Course Maintenance
SHATCKN	studentCourseMaintenance	StudentGeneralStudent History	Existing	SH	Student Course Maintenance
STVGCHG	gradeChangeReasonValidation	StudentOverall	Existing	SO	Grade Change Reason Validation

Updated Pro C processes used with Banner 9.x

The following C processes have been modified for use with Banner 9.x Student Academic History.

Object Name	New/Existing	Plugin/App	Enhancement	Description
shrrpts.pc	Existing	banner_student_generalstudent_history_app	Repeat Processing	Repeat/Equivalency Course Check Report
ssrroll.pc	Existing	banner_student_generalstudent_history_app	Schedule	Term Roll Report Due date for students using gradebook late rule for work submission is now set to <i>Null</i> instead of SYSDATE.

Objects new to Banner Security

The following object has been added to Banner Security in the Banner Student 8.6.7 release.

DML with GUBOBS	Description
sgubobjsi_080607.sql	This script is used to create an entry in the GUBOBS table for SHAEGBC page.



2 Miscellaneous Enhancements

This section discusses functional changes delivered with this release.

Idea 1-T85HN9 for SHARPTR

This Idea (RPE) is delivered as part of the redesigned functionality for the Banner Student Academic History 9.0 Controlled Release.

A request was made to include a new selection rule, *Greatest or Latest*, on the SHARPTR page. This has been added to the **Repeat Limit Selection Rule** and **Repeat Hours Selection Rule** fields as a choice in the pulldown list of values.

If a student repeats a course and received the same grade as before, and if the selection rule is set to *Greatest or Latest*, then the process picks the latest grade of the two equal grades (the latest attempted grade).

If a student repeats a course and receives a higher grade than the previous attempt, and if the selection rule is set to *Greatest or Latest*, then the process picks the greatest of the two grades (the higher grade).

Repeat/Equivalent Course Check Report (SHRRPTS)

A new, optional parameter for Reset Repeat Indicator has been added to the Repeat/Equivalent Course Check Report (SHRRPTS), Enter *Y* to remove all the **Repeat** indicator messages. Enter *N* to run SHRRPTS as an incremental process. The repeat indicator settings are not updated. The default is *N*.

For the term and level, if the SHARPTR rule is changed to reflect a new selection rule and evaluation grade, the SHATCKN repeat status is updated (Include/Exclude). After changes have been made on SHARPTR, if the SHRRPTS process is run again, the new repeat status on the report is updated, and the SHATCKN repeat statuses for the evaluated courses are updated.

Grade change reason code mapping

The codes on Grade Change Code Validation Form (STVGCHG) are used in Academic History 9.0. These codes can be used to map the grade change reason attribute to the relevant grade change reason code. New codes are delivered with the Academic History 9.0 Controlled Release for use with electronic gradebook processing.

If your institution is not using Academic History 9.0, the STVGCHG page will not be available. In this case, the mapping can be performed using a rule on GTVSDAX. When STVGCHG is used for the mapping, these settings override the GTVSDAX settings.

In GTVSDAX, the grade change reason codes defined in the **External Code** field must be mapped to the relevant internal codes for the rule to work as expected. The following grade change reason codes can be associated with the following GTVSDAX internal codes.

Grade Change Reason Code	GTVSDAX Internal Code
RE	REROLL
RC	SHAGCOM
SA	SHAGCOMCAL
TP	TEMPAH
ZG	ZEROGCHG

You can define the *RR*, *RC*, *SA*, *TP*, and *ZG* grade change reason codes in the **External Code** field using the GTVSDAX internal codes. For example, the *RR* code can be entered for the **Internal Code** field value of *REROLL*. Each grade change reason code that is defined will be mapped to the GTVSDAX internal code for the rule.

Another example could be where the **Internal Code** is *SHAGCOMCAL*, and the **External Code** is *SA*. *SA* will be the default grade change reason code that is used when there is any change to a component on *SHAGCOM* (such as a change in the composite mark due to a change in the component grade).

 **Note**

Your institution can define other grade change reason codes, but the codes must be mapped to the appropriate GTVSDAX internal codes. ■

Please refer to the *Banner Student Academic History Release Guide 9.0 Controlled Release* for more information on these changes.

3 Resolutions

The *Banner Student Resolutions Report 8.6.7* is a companion to this release guide. The Resolutions Report provides summary information about the change requests that are resolved in Banner Student Release 8.6.7. Use the following steps to access the Resolutions Report on the Ellucian Support Center:

1. Go to the Ellucian Client Support web site: <http://www.ellucian.com/Solutions/Ellucian-Client-Support>.
2. Click the **Ellucian Hub** button to log in to the Ellucian Hub.
3. Choose the Ellucian Download Center application.

or

Choose the Ellucian Support Center application.

