

BANNER WEB TAILOR RELEASE GUIDE

Release 8.4.2
July 2011



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Prepared by: SunGard Higher Education

4 Country View Road
Malvern, Pennsylvania 19355
United States of America

Customer Support Center Website

<http://connect.sungardhe.com>

Documentation Feedback

<http://education.sungardhe.com/survey/documentation.html>

Distribution Services E-mail Address

distserv@sungardhe.com

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Banner Web Tailor 8.4.2

Release Guide

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1 Introduction

This release guide documents Release 8.4.2 of Banner® Web Tailor. Release 8.4.2 includes enhancements and problem resolutions since Release 8.4.1.

Enhancements for 8.4.2

This document describes the following enhancements, which are new for Release 8.4.2:

- New GIF files for Faculty and Advisor Self-Service
- Retrieve Banner ID in a non-Web Tailor specific trigger
- Support for Arabic and Hebrew
- Firefox 4 compatible with Cascade
- Internet Explorer 9 compatible with Cascade
- Input and output validation

System requirements

Before upgrading to Web Tailor 8.4.2, make sure you are running the required releases of Banner General and Banner Web Tailor. At the minimum, the following releases are required to be installed in the following order:

1. Banner General 8.4
2. Banner Web Tailor 8.4.1



2 RPEs

The section describes the RPEs and impacted objects for Web Tailor 8.4.2:

- New GIF files for Faculty and Advisor Self-Service
- Retrieve Banner ID in a non-Web Tailor specific trigger

1-PCWQBP New GIF files for Faculty and Advisor Self-Service

`web_item_open.gif, web_item_close.gif`

Two GIF files `web_item_open.gif` and `web_item_close.gif` are delivered with Web Tailor 8.4.2. These GIF files were delivered with the Release 8.5.1 for the Faculty and Advisor Self-Service and are a part the new faculty feedback enhancement. The GIF files are arrow icons that appear next to student names on the Faculty Feedback pages. For more information about the faculty feedback enhancement, refer to the *Faculty and Advisor Self-Service 8.5.1 Release Guide*.

1-QCK3PW Retrieve Banner ID in a non-Web Tailor specific trigger

`twbkwbi1.sql, twbklog1.sql`

A new procedure, `goksels.f_get_ssb_id_context`, has been added to GOKSELS (as part of General 8.4.2) that allows the Banner ID to be retrieved in a non-Web Tailor trigger. Previously, `twbklogn.f_get_banner_id` was only accessible from Self-Service Banner (SSB) packages. In some cases, there were objects that were used by Self-Service Banner which could not call SSB packages. This new implementation uses a context variable that is set and is retrieved by a General package, GOKSELS. This implementation allows all non-SSB objects to access the Banner ID.

If the new procedure, `goksels.f_get_ssb_id_context`, is called and no SSB context is set, the value will return identified by `gb_common.f_sct_user`. This function will return `f_sct_user` when a non-SSB session or SSB sessions that have the Web Tailor parameter `AUDITUSERID` set to a value other than `BANNERID`. Therefore, objects that need the updated SSB Banner ID can replace the use of `gb_common.f_sct_user` with the procedure `goksels.f_get_ssb_id_context`, and the results will be the same.



3 Miscellaneous Enhancements

This section describes the following miscellaneous enhancements:

- Support for Arabic and Hebrew
- Firefox 4 compatible with Cascade
- Internet Explorer 9 compatible with Cascade
- Input and output validation

Support for Arabic and Hebrew

```
twbkfrm1.sql
```

Support for Arabic and Hebrew characters in the tabs has been improved. Previously, Arabic and Hebrew characters caused tab borders and colors to be misaligned. The formatting has been realigned to improve the left to right alignment.

This enhancement resolves defect 1-59C9I6.

Firefox 4 compatible with Cascade

```
cascade-controls.js, cascade-parser.js, cascade-controls-min.js,  
cascade-parser-min.js
```

Firefox 4 is now compatible with the Cascade user interface. Previous versions of Web Tailor (Cascade user interface) were not compatible with Firefox 4.

The enhancement resolves defect 1-MBW4CP.

Internet Explorer 9 compatible with Cascade

`cascade-controls.js`, `cascade-controls-min.js`

Internet Explorer 9 is now compatible with the Cascade user interface. Previously, the Cascade user interface was not compatible with Internet Explorer 9.

The enhancement resolves defect 1-MNQG6F.

Input and output validation

`twbkfrm1.sql`, `twgbparmi_080402.sql`

Changes have been made to enhance Self-Service input and output validation in Banner Web Tailor 8.4.2. Specifically, user inputted “on event” HTML will be inhibited from executing. Any errors found during this process will be reported to the currently displayed web page as well as being logged to the Violations Table (GURALOG). New parameters can disable this restriction on execution if needed.

This enhancement resolves defect 1-QS3YYB.

New parameters

New parameters have been added that activates or disables input and output validation for “on event” HTML, such as `onblur`, `onclick`, `onchange`, and so on. These parameters are named `ONEVENT_xxxx`, where `xxx` represents the first four characters of a package. For example, `ONEVENT_BWCK`.

By default, parameters are set to *IGNORE* and will be updated to *REPORT ERRORS* when each application posts their required changes. *IGNORE* disables input and output validation for packages that start with the characters identified with the `ONEVENT_xxxx` parameter. This same convention can be used for local packages if required. If the parameter is set to a value other than *IGNORE* (for example, *REPORT ERRORS* or *NULL*), input and output validation is activated for the package.

The following parameters are delivered for Web Tailor 8.4.2:

- `ONEVENT_BWCK`
- `ONEVENT_BWFK`
- `ONEVENT_BWGK`
- `ONEVENT_BWLK`

- ONEVENT_BWPW
- ONEVENT_BWRK
- ONEVENT_BWSK
- ONEVENT_EWKW



4 Problem Resolutions

The following problem resolutions are delivered with this release.

Note

For comprehensive and detailed problem, impact, and resolution information for all defects corrected in this release, refer to the supplemental problem resolutions file (wtlweb80402resolutions.txt) delivered along with your release guide. The information in this text file is extracted directly from the Customer Support Center just prior to release of the product and may include additional defects that were resolved after this document was finalized. ■

Object	Number	Summary
banner-ssb-ws.ear	1-KVN7B7	If a submenu appeared on two or more menus in Cascade, the menu items were repeated. This issue was related to the roles the user had and how many menus the submenu is assigned to display.
banner-ssb-ws.ear	1-LA2IV8	In the Cascade user interface, the menu was not loaded if there was no text (TWGRINFO_TEXT) defined for an information text record on a menu. For example, <code>bmenu.P_GenMnu</code> had an information text record of DEFAULT. There was no text defined for this DEFAULT record. The Personal Information Menu (<code>bmenu.P_GenMnu</code>) did not load. This issue happened only to the menu pages.
cascade_11g.sql	1-DC1DL0	<p>In Oracle 11G or 10.2.0.5, Cascade menus were not displayed and tabs were frozen. The application log was showing:</p> <pre>10/08/12 20:37:39.981 banner-ssb-ws: Servlet error java.lang.StringIndexOutOfBoundsException: String index out of range: -11 at java.lang.String.substring(String.java:1768)...</pre> <p>The cause of the issue was that the ROLE for Cascade was delivered as <code>BAN_CASCADER</code>, and it needed to be <code>USR_CASCADER</code> in the 11g environment.</p>

Object	Number	Summary
cascade-controls.js, banner-ssb-ws.ear, cascade-controls- min.js	1-J413RX	In Cascade, the menus did not load or an error occurred when Information Text contained HTML tags, quotes, or carriage returns.
cascade-controls.js, cascade-controls- min.js	1-Q6KMRB	If help text was added that contained a URL, Internet Explorer 7 displayed a blank page. Internet Explorer 8 and Firefox correctly displayed the page.
cascade-controls.js, cascade-controls- min.js	1-QCCOP0	Google Analytics snippet caused code to display on a web page.
cascade-controls.js, cascade-controls- min.js	1-QKOH2J	If the information text had an HTML tag with list items and HREF items, the information text was displayed as a plain text. However, these HTML tags were rendered correctly in the default User Interface.
cascade-controls.js, cascade-controls- min.js	1-RADAVX	After applying the Web Tailor 8.4.1.1 patch, information text on submenus displayed %20 for space characters. Information text for a top level menu displayed with the spaces properly.
cascade-controls.js, cascade-controls- min.js	1-RNN90S	When information text was defined for a menu and it consisted of many lines, a large space remained between the menu buttons and the menu items after it was closed.
cascade-controls.js, cascade-controls- min.js	1-RT469O	In the Cascade user interface, links at the bottom of the web pages were incorrectly positioned in Cascade user interface.
cascade-controls.js, cascade-controls- min.js	1-S5LDK0	If a previous page had a comment on it and then the Home button was clicked, the last message was displayed on the Home page.
cascade-controls.js, cascade-controls- min.js, banner-ssb- ws.ear, cascade.sql	1-RT469R	The selected image did not override the green checkmark when information text was added. When a comment text was added to the menu through the Customize Information Text , the default image, the green checkmark (<code>web_info</code>), was not overridden when a user-defined image was added.

Object	Number	Summary
cascade-controls.js, cascade-controls- min.js, twbkmen1.sql	1-S57O57	On the Personal Information page, FAU added a new process called Update FAU Alert Phone Numbers . “FAU Alert” was set to display red, bold, and italic. Once an item was selected from the menu and then returned to the Personal Information page, the HTML format on “FAU Alert” was gone when the Personal Information tab was selected.
cascade-controls.js, cascade-parser.js, cascade-controls- min.js, cascade-parser- min.js	1-DOWLR9	The following buttons did not respond when clicked in Financial Aid - Award for aid year: <ul style="list-style-type: none"> • Submitting Answers or Resource on the Resources tab • Accepting awards on the Accept Award Offer tab
cascade-controls.js, cascade-parser.js, cascade-controls- min.js, cascade-parser- min.js	1-FDT7L1	Submit buttons did not work in Internet Explore 8 with Cascade.
cascade-controls.js, cascade-parser.js, cascade-controls- min.js, cascade-parser- min.js	1-MBW4CP	A JavaScript error prevented Self-Service from being accessed through Firefox 4. The <code>cascade.parser.js</code> and <code>cascade.controls.js</code> files used the <code>pageDepth</code> and <code>homepageBanner</code> variables. These variables were not declared. When the variable was accessed via Firefox 4, an error occurred that the variables was undeclared.
cascade-controls.js, cascade-parser.js, cascade-controls- min.js, cascade-parser- min.js	1-MKRX28	When Cascade was used with Internet Explorer, a JavaScript error occurred on pages that had JavaScript events waiting for a return value.
cascade-print.css	1-COMZFW	In Cascade, multiple pages could not be printed in Firefox 3.6.3. Only the first page printed. This occurred for pages, such as the students transcripts, degree evaluations, the 1098-T Tax Notification, and finance budget queries.
cascade-print.css	1-HWI8R9	For Cascade only, Web Tailor 8.3 and 8.4 had alignment problems when the 1098-T was printed through Internet Explorer 7. Firefox and Internet Explorer 6 had the correct alignment.

Object	Number	Summary
<code>cascade-print.css</code>	1-KLB28H	When a user printed a Self-Service page in Internet Explorer in landscape mode with Cascade, the column headers overlapped their respective columns. Some table data also had the right most character partially cut off.
<code>cascade.control.js</code>	1-MNQG6F	In Internet Explorer 9, clicking a Submit button in the Cascade user interface caused an 404 error to appear. With Cascade turned off, Internet Explorer 9 worked.
<code>twbkfrm1.sql</code>	1-59C9I6	In the Arabic version of Web Tailor, tab borders and colors did not align correctly when Arabic version of Banner for the Solution Center Banner 7.4.1 (SCB741) and Arabic (ARSA) was installed successfully. The tabs on the Self-Service main page were not properly aligned left to right. As a result, the tab borders and colors did not align correctly.
<code>twbkfrm1.sql</code> , <code>twgbparmi_080402.sql</code>	1-QS3YYB	There was potential issue with input/output validation.
<code>twbkglu1.sql</code>	1-EHKA05	The <code>G\$_NLS.get</code> needed to be added to multiple lines for internationalization.
<code>twbklog1.sql</code>	1-LLAJF6	<p>In the Cascade user interface only, the following JavaScript error occurred when the user's PIN expired:</p> <p><i>Can't move focus to the control because it is invisible, not enabled, or of a type that does not accept the focus.</i></p> <p><i>Line: 161</i></p> <p><i>Char: 2</i></p> <p><i>Code: 0</i></p> <p><i>URI: http://aura.lcc.edu:9075/IDEV/twbkwbis.P_ValLogin</i></p> <p>This error occurred only in Internet Explorer 7 and 8. It did not occur in Firefox or the Default user interface.</p>

Object	Number	Summary
twbksrc1.sql	1-EFUIKI	If a user performed a search using a string that contained special characters and the search returned no results, the search string was displayed again with the special characters encoded. For example, if the user searched on <i>hello world</i> , it was displayed again as <i>hello%20world</i> . The search string displayed to the user should not have had special characters encoded.
twbkuro1.sql	1-PGSVYT	The User Roles page (twbkuro1.P_UpdateUserRoles) displayed the user's name and included HTML tags. If the script tags were entered, they were executed by the user's web browser.
twbkwbi1.sql	1-JU1R7H	<p>When the single sign-on was used, the client was taken to the General Menu page in Self-Service (twbkwbis.P_GenMenu?name=bmenu.P_MainMnu).</p> <p>When the client was taken to the page, the Default user interface was displayed. The client expected to see the General Menu (twbkwbis.P_GenMenu?name=bmenu.P_MainMnu) in Cascade format. If they selected any link, the Cascade user interface was invoked. The problem was the initial landing page used the Default user interface.</p>
twbkwbi1.sql	1-RT469L	In Internet Explorer 8, a portion of the text bar was still displayed when information text was closed in the Cascade user interface.

Object	Number	Summary
web_defaultapp.css	1-EO84OX	<p>The following anchor rules were duplicated in the web_defaultapp.css file:</p> <ul style="list-style-type: none"> • A.whitespacelink • A.largelinktext • A.sitemaplevel1 • A.sitemaplevel1:visited • A.sitemaplevel1:hover • A.sitemaplevel2 • A.sitemaplevel2:visited • A.sitemaplevel2:hover • A.sitemaplevel3 • A.sitemaplevel3:visited • A.sitemaplevel3:hover
web_defaultmenu.css	1-EAHW65	<p>There was an error in the web_defaultmenu.css file on Line 570. The HEIGHT variable was specified as HEIGHT=2px instead of HEIGHT:2px.</p> <pre> HR { color: #CCCC33; text-align: left; vertical-align: top; margin-top: -10px; HEIGHT=2px } </pre>





4 Country View Road
Malvern, Pennsylvania 19355
United States of America
www.sungardhe.com