

# Blackboard Help

[Home](#) / [Learn](#) / [Administrator](#) / [Self- and Managed-Hosting](#) / [Release Notes](#) / [Individual Releases](#) /  
9.1 SP 14

## Features and Functions No Longer Supported in Blackboard Learn 9.1 SP 14

---

As software development evolves and programming languages change, features and functions are replaced with newer and more efficient options. For Blackboard to deliver the most modern and effective user experience, we will over time change parts of our applications. This section of release notes lists features and functions that are no longer supported or targeted for end of life. To learn more about deprecated and unsupported applications, see [Browser Support](#).

### Themes

Three legacy themes were deprecated in Blackboard Learn SP 10.

- Blackboard Classic
- WebCT Classic 1
- WebCT Classic 2

This means that all new features built for SP 10 and beyond are not styled in these three themes. If you wish to continue using them, you need to include some additional steps in planning your upgrade to SP 12. See [CSS DIFF Tool](#) for more information.

If you continue using one of these themes with your default brand beyond SP 9, or if you have licensed Community Engagement and are using one of these themes with any of your institution brands, it will be converted to a custom theme on your system. If you are not using one of these themes on your system, the theme will be intentionally removed during your upgrade to SP 12.

### 32-bit Environments

With the release of Blackboard Learn Service Pack 8, and going forward, Blackboard only supports operating in a 64-bit environment. You must be operating in a 64-bit environment to use any direct upgrade path to SP9 and SP10. If you are currently running Blackboard Learn in a 32-bit environment, you must migrate to a 64-bit environment first. This is especially relevant to Academic Suite 8.0 SP 7 running on Windows.

➞ [More on migrating to a 64-bit environment](#)

## SSL Choice

Secure Sockets Layer (SSL) is a protocol for protecting Internet communications. [SSL Choice](#) is a feature that allows administrators to select which areas of Blackboard Learn are secured using SSL and which areas are not using encrypted communications. With the release of Blackboard Learn, Release 9.1 Service Pack 15, SSL Choice will be removed following the deprecation announcement made with the release of 9.1 SP 10. To provide better security all of Blackboard Learn will need to be delivered over SSL. Please contact your Client Support representative for more information if you need additional help.

## Application Frameset

To facilitate future user experience changes, Blackboard is beginning the process of replacing the current application frameset. Prior to 9.1 SP 10, the application's user interface (UI) elements were presented in a frameset including a top frame for application tabs, institutional branding and other links that persisted across application areas and a bottom frame that contained content pertaining the activity the user was involved in.

In SP 10, the top level frameset, top frame, and bottom frame are replaced by a standard HTML page with two iframes representing the same content elements as the frames prior to SP 10. This change does not require any changes to building blocks or customizations that use the frames as the transition to iframes is transparent to any Javascript logic that interacts with the frames. If you have customized your application, Blackboard will provide you with test instances to check any customizations you think may be affected prior to your upgrade to SP 12.

Beyond SP 10, Blackboard will continue to migrate Learn away from using frames completely. As progress is made towards removing frames from Learn, we will provide additional communication to the developer community.

## Basic Licenses

In an effort to provide the best user experience, Blackboard is standardizing on the Enterprise version of Blackboard Learn 9.1 with Service Pack 10. Blackboard Learning System - Basic Edition and Blackboard Learn - Basic Edition clients must move to an Enterprise version of Learn to upgrade to SP 12. A Basic license can only be upgraded as far as 9.1 SP 9.

Contact your Blackboard Learn account representative for advice on the paths to transition from the Basic license to an Enterprise version.

## Open Standards Content Player

The [Rustici SCORM Engine Player](#) is the default SCORM player in Blackboard Learn for SP 10 and beyond. The Rustici SCORM player supports Rustici Tin Can packages in addition to supporting all previous SCORM

content.

Any content imported with the Open Standards Content Player will continue to be played with that player, but new content will be imported and executed by the Rustici SCORM Engine Player. To convert content that was imported with the Open Standards Content Player to the Rustici SCORM Engine Player, simply re-import the old package and it will default to the new player.

## Bboogle Building Block

The Bboogle Building Block developed by Blackboard (generally available October 2011) is a way to easily integrate licensed Google Apps with Blackboard Learn. Schools that have licensed Google Apps for Education or Business can use Bboogle to initiate a single sign-on request to Google Apps so that users can link to any Google App tool from inside their Blackboard Learn courses. Instructors can create content item links to Google calendars, sites, and documents to provide direct access to specific items in the Google Apps system.

After monitoring adoption over the past 16 months, we determined that there was greater adoption of the open source version of Bboogle. We are happy to have contributed to this open source version and believe the open source community is in the ideal position to further innovate Bboogle and address maintenance issues more quickly. If you want to use Bboogle, download the [OSCELOT](#) version to use with Google Apps for Education.

---

Copyright©2018. Blackboard Inc.