



SoftChalk LessonBuilder 3

Importing Lessons into Blackboard CMS

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Introduction

Importing your LessonBuilder lesson into the Blackboard course management system (CMS) is very easy. There are two different ways to package and import your lesson into Blackboard – using a standard zip format, or using a SCORM zip format.

Which Packaging Format Should I Use?

You may be wondering what is the difference between packaging and importing your lesson as standard zip versus SCORM zip. The standard zip packaging and the SCORM zip packaging both present your LessonBuilder content in similar ways to the student. The primary benefit of using SCORM packaging is that it allows you to have your student's lesson score automatically recorded in the Blackboard gradebook, and it allows you to track the amount of time the student spent on the lesson, as well as whether you students have completed a lesson.

Whether you use the standard zip packaging format, or the SCORM zip packaging format also depends on your whether your Blackboard system supports SCORM. The SCORM packaging format should only be used if your Blackboard system supports SCORM. Below is information about SCORM support for different versions of Blackboard:

Blackboard 6.3 or newer: SCORM is supported in both Basic and Enterprise versions of the Blackboard Learning System. Both SCORM 1.2 and SCORM 2004 are supported.

Blackboard 6.0-6.2: SCORM is supported only in the Enterprise version of the Blackboard Learning System. Only SCORM 1.2 is supported.

Blackboard versions 5 and previous: SCORM is not supported in these versions of Blackboard.

If you aren't sure what version of the Blackboard system you have or whether your Blackboard CMS supports SCORM, check with your Blackboard system administrator.

If your Blackboard system administrator needs additional information about SCORM support in Blackboard, please have them review the following section titled *What is SCORM* and the section titled *SCORM information for Blackboard System Admins* below.

All versions of Blackboard allow you to import your lesson using the standard zip format. The standard zip format allows you to import your LessonBuilder lesson

and then unpackage it in Blackboard. Lessons packaged using the standard zip format do **not** allow the quiz results to be automatically added into the Blackboard gradebook.

What is SCORM?

What is SCORM and how is it useful?

The Sharable Content Object Reference Model (SCORM) is a set of technical standards that have been developed with the specific purpose of enabling the reuse of Web-based learning content across multiple environments and products. If your lesson content is SCORM compliant, then you can use the content in any course management system that supports SCORM without having to make any modifications to the content. Additionally, the SCORM standards allow your content to interface automatically with specific components of the course management system, for example the gradebook.

The result is that if you package your LessonBuilder lesson in a SCORM zip format and then import it into a SCORM conformant version of Blackboard, then the quiz results from your LessonBuilder lessons can be automatically recorded by Blackboard in its gradebook. Additionally, using SCORM, Blackboard can keep track of the amount of time a student spent on the lesson, and whether a student has completed a LessonBuilder lesson. In the future, as the SCORM standard is further developed, additional integrations between a SCORM formatted lesson and Blackboard will become available.

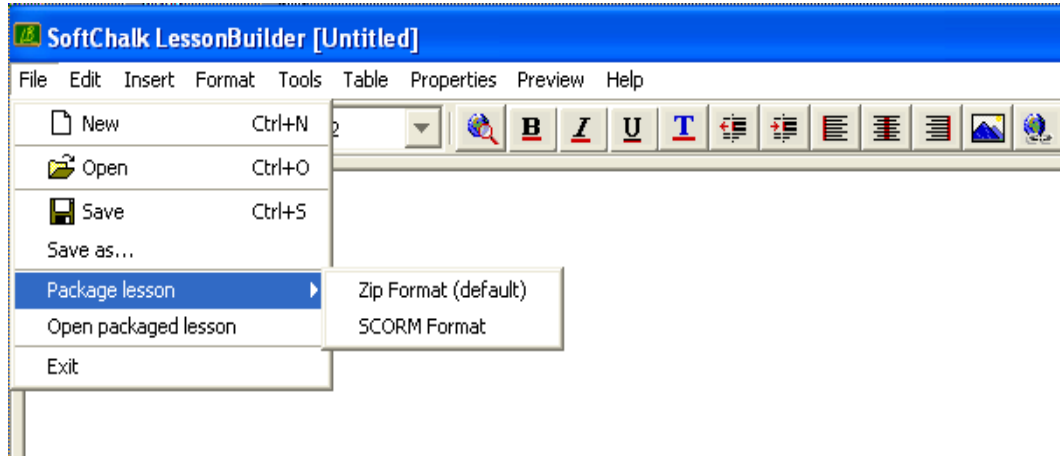
Another benefit of using SCORM is that a lesson that is packaged in SCORM format can be readily used in any course management system that is SCORM compliant. Therefore, if you wish to create content that is not “stuck” in a proprietary format and useable in only one course management system, SCORM allows you to create content that can be readily reused in many different course management systems with no need to revise the content.

Using Standard Zip Format

All versions of Blackboard allow you to import your lesson using the standard zip format. The standard zip format allows you to import your LessonBuilder lesson and then unpackage it in Blackboard. Lessons packaged using the standard zip format do **not** allow the quiz results to be automatically added into the Blackboard gradebook.

Step-by-Step for Standard zip Format

When you have completed creation of your LessonBuilder lesson, use LessonBuilder's Package feature to package the lesson into a "zip" file for easy portability to a web site, or import into most course management systems.



Save the lesson before packaging it.

Choose the **File** menu, **Package lesson/Zip Format**

LessonBuilder will create a zip file archive containing your lesson and all of its associated files. Once the packaging process is complete, LessonBuilder displays a message telling you the location of the packaged zip file. Note this location.

Login to Blackboard and access the **Control Panel** of your course.

Click to select one of the Content Areas of your course, such as **Course Documents** or **Assignments**.

Click **Add Item** and specify a name for your lesson.

On the Add Item form that is displayed, leave the Text Box blank, and click the **Browse** button associated with **File to Attach**. Browse your computer's disk drive to locate the zip file that was created when you packaged your lesson. Then, click the **Open** button.

In the **Special Action** menu, select **Unpackage this file**.

2 Content

Files may be attached to the above information. Click the Browse button to select the file to attach from your file.

File to Attach:

Name of Link to File:

Special Action:

Currently Attached Files:

Submit the Blackboard form.

The **Package Entry Point** form will be displayed. You will be prompted to select an Entry Point for the lesson. Your LessonBuilder lesson will contain many files. The entry point file is always an html file that has the name "index.html".

Submit the form.

Your LessonBuilder lesson will be displayed within Blackboard.

If you need to modify your lesson, you should modify it in LessonBuilder. Then, remove the existing lesson from Blackboard and replace it with the revised version of your lesson using the same procedure as described above.

Using SCORM Format

Blackboard version 6.3 and higher

Following are step-by-step instructions for packaging a LessonBuilder lesson and importing it into the Blackboard CMS version 6.3 or higher.

When you have completed creation of your LessonBuilder lesson, use LessonBuilder's Package feature to package the lesson into a "zip" file for easy portability to a web site, or import into most course management systems.

Save the lesson before packaging it.

Choose the **File** menu, **Package lesson/SCORM 1.2 format**. (Note: SCORM 2004 format is supported in this version of Blackboard; however our initial testing found problems with the SCORM 2004 format. We suggest you use the SCORM 1.2 format if you experience any problems with the SCORM 2004 format. Both formats provide the same functionality.)

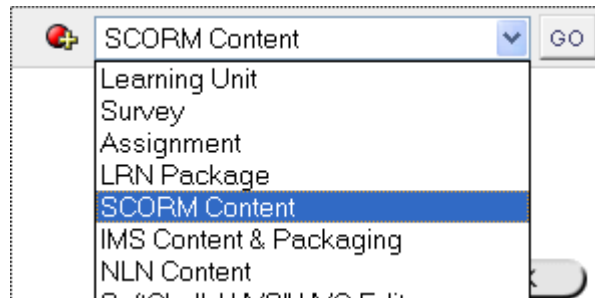
LessonBuilder will create a zip file archive in SCORM format containing your lesson and all of its associated files. Once the packaging process is complete, LessonBuilder displays a message telling you the name of the packaged zip file. The packaged zip file is always named the same as your lesson filename with the addition of **_sco.zip** (for SCORM 1.2 formats) or **_sco2004.zip** (for SCORM 2004 formats).

So, for example, if your lesson file is named Jefferson, the SCORM 1.2 zip file will be named **Jefferson_sco.zip**, and it will be located in the folder where you saved your lesson.

Login to Blackboard and access the **Control Panel** of your course.

Click to select one of the Content Areas of your course, such as **Course Documents** or **Assignments**.

Look for the drop-down menu at the top of the Content Area window that has **Learning Unit** displayed. Click the drop-down menu arrow to view all of the types of content you can add to Blackboard. Choose **SCORM Content** from the drop-down menu. Then click the **GO** button.



NOTE: If you do not see an option for SCORM Content in the drop-down menu, then your Blackboard system does not currently support SCORM, or it has not been enabled in your system. Ask your Blackboard System Administrator for assistance. For more information, see the section below titled *SCORM information for Blackboard System Admins*

On the Add SCORM Content form that is displayed, enter a title for your lesson, and then click the **Browse** button associated with **Attach Local File**, or click the **Browse** button associated with **copy file from Content Collection**. Browse your computer's disk drive (or the content system) to locate the SCORM zip file that was created when you packaged your lesson. Then, click the **Open** button.

Make any other selections you wish under Options (we suggest you choose the **Flow** navigation option), and then Submit the form.

Under **Gradebook Options**, if you choose the option to **Add Gradebook Item**, you will be presented with a screen to select and name the gradebook item. You may also select to **Track Attempt Details**. This will allow question specific responses for each student to be tracked in the gradebook.

After completing the SCORM dialog and Gradebook dialogs, your LessonBuilder lesson will be displayed within Blackboard.

If you chose to Add SCORM scores to the Gradebook, you should now be able to find an item in your Blackboard gradebook related to the Lesson.

If you need to modify your lesson, you should modify it in LessonBuilder. Then, remove the existing lesson from Blackboard and replace it with the revised version of your lesson using the same procedure as described above.

Blackboard version 6.0-6.2

Following are step-by-step instructions for packaging a LessonBuilder lesson and importing it into the Blackboard CMS version 6.0-6.2.

When you have completed creation of your LessonBuilder lesson, use LessonBuilder's Package feature to package the lesson into a "zip" file for easy portability to a web site, or import into most course management systems.

Save the lesson before packaging it.

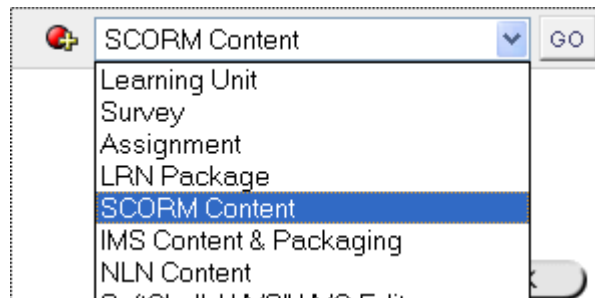
Choose the **File** menu, **Package lesson/SCORM 1.2 format**. (Note: SCORM 2004 format is not supported in this version of Blackboard.)

LessonBuilder will create a zip file archive in SCORM format containing your lesson and all of its associated files. Once the packaging process is complete, LessonBuilder displays a message telling you the name of the packaged zip file. The packaged zip file is always named the same as your lesson filename with the addition of **_sco.zip**. So, for example, if your lesson file is named Jefferson, the SCORM zip file will be named Jefferson_sco.zip, and it will be located in the folder where you saved your lesson.

Login to Blackboard and access the **Control Panel** of your course.

Click to select one of the Content Areas of your course, such as **Course Documents** or **Assignments**.

Look for the drop-down menu at the top of the Content Area window that has **Learning Unit** displayed. Click the drop-down menu arrow to view all of the types of content you can add to Blackboard. Choose **SCORM Content** from the drop-down menu. Then click the **GO** button.



NOTE: If you do not see an option for SCORM Content in the drop-down menu, then your Blackboard system does not currently support SCORM, or it has not been enabled in your system. Ask your Blackboard System

Administrator for assistance. For more information, see the section below titled *SCORM information for Blackboard System Admins*

On the Add SCORM Content form that is displayed, enter a title for your lesson, and then click the **Browse** button associated with **Content Package**. Browse your computer's disk drive to locate the zip file that was created when you packaged your lesson. Then, click the **Open** button.

Make any other selections you wish under Options (we suggest you choose the Flow navigation option), and then Submit the form.

If you chose the option to **Add SCORM scores to the Online Gradebook**, you will be presented with a screen to select and name the gradebook item. (Note that if two items with the same name are presented, choose the second item in the list.) Submit the form.

SCORM Lesson	Gradebook Item	Points Possible
<input type="checkbox"/> demo1		
<input checked="" type="checkbox"/> demo1	demo1	

Your LessonBuilder lesson will be displayed within Blackboard. (Note that in this version of Blackboard, SCORM content is always added as the second item in the list of items on a page, rather than at the end of the list of items on a page. You may use the standard Blackboard content ordering drop-down menus to modify the order of the content.)

If you chose to Add SCORM scores to the Gradebook, you should now be able to find an item in your Blackboard gradebook related to the Lesson.

You may also view a list of students who have attempted or completed a lesson by navigating to your Blackboard course menu (the button bar of your course), and then choose **Tools**. From the Tools Menu, choose **SCORM Learning Plan**.

If you need to modify your lesson, you should modify it in LessonBuilder. Then, remove the existing lesson from Blackboard and replace it with the revised version of your lesson using the same procedure as described above.

Blackboard version 5.0/5.5

SCORM is not supported in these versions of the Blackboard Learning Management System.

SCORM information for Blackboard System Admins

Blackboard 6.2 and higher: Both Blackboard Basic Edition and Blackboard Enterprise edition support SCORM in this version. It is included as part of the standard Blackboard system.

Blackboard 6.0 and 6.1: Only the Enterprise Edition of the Blackboard Learning System supports SCORM in this version. In these versions, SCORM is supported through a Blackboard Building Block plugin. The Blackboard System Administrator must install the ***Blackboard Content Player Building Block***, in order to allow SCORM content to be added to the Blackboard system. Please consult your Blackboard documentation or contact Blackboard technical support for additional information about installing the Blackboard Content Player Building Block.

Blackboard 5 does not support the SCORM format.

The SCORM tool is available to instructors through the Control Panel. From an Instructor perspective they can use this tool within the content areas as they add/modify content items within their course. Instructors and Students interact with IMS, SCORM, and NLN content just as they would with other types of Content Items.

Need Assistance?

If you have any problems, questions, or comments regarding installation or use of SoftChalk LessonBuilder with the Blackboard CMS, please contact us at help@softchalk.com , or visit the web site at <http://www.softchalk.com>

Thank you for your support! We hope you enjoy using SoftChalk LessonBuilder!

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