



Blackboard

## Learn 3rd Party Building Blocks and Java 11 Readiness

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**Product:** Blackboard Learn

**Type:**Support Bulletin

### Bulletin/Advisory Information:

To address recent changes in Oracle’s Java support model, Blackboard Learn is transitioning to adopt a more recent version of Java, Java 11 Corretto JDK. To find details regarding the targeted versions and release dates please review the [latest announcement details](#).

To ensure 3rd Party Building Blocks along with partner Building Blocks built with Blackboard are ready, Blackboard has also been proactively reviewing and reaching out to Blackboard partners. Below you will find a summary of the status of key Learn Building Blocks and the current status with JDK 11 support.

It is important to be aware that if Building Blocks are not updated for Java 11, issues may occur:

- A Building Block that is not compatible with Java 11 or over time becomes incompatible with the Blackboard Learn version can fail to start, can cause performance issues and in some cases can cause an outage.
- Should a Building Block become incompatible and cause issues for a SaaS or Managed Hosted sites, Blackboard Support may ask you to turn off the Building Block. In more extreme cases,Blackboard Support may change the status of the Building Block to inactive to get the system back to an appropriate operational condition.
- The Building Block will remain off until a properly working Building Block is provided and tested on the client’s test system.

Please take time to review this Building Blocks status list carefully:

- If any Building Blocks are critical to your Learn site and not yet in a status of VERIFIED, Blackboard encourages you to reach out to the vendor/owner and request an update be provided to Blackboard support for review.
- If any Building Blocks are critical to your Learn site and not listed in the review below, Blackboard requests you to engage with us in the [Community Preview Program](#).

Building Block	JDK11 Status*	Owner	JDK11 Version	JDK8 Compatible
Ares Course Reserves	VERIFIED	Atlas Systems	2.7.1	
Atomic Learning	VERIFIED	Hoonuit LLC	2.2.2	Yes
Aviso Coaching Connector	VERIFIED	Aviso Coaching LLC	4.4.10.0	Yes
Barnes and Noble	AT RISK	Barnes and Noble College		

Biometric Signature ID	VERIFIED	Biometric Signature ID	2.3800.0	No
Campus Labs	AT RISK	Campus Labs		
Cengage MindLinks	VERIFIED	Blackboard		
Collegis Education	Contact partner for new integration option	Collegis Education		
DataSense	AT RISK	Authenitca Solutions		
Digication	VERIFIED	Digication	1.1	Yes
Dropbox	VERIFIED	Blackboard		
EAC	VERIFIED	Educational Assessments Corporation	5.1.11021	Yes
Echo360	VERIFIED	Echo360	1.0.9	Yes
EesySoft Connector	VERIFIED	EesySoft	2.3.104	Yes
Ensemble Video	VERIFIED	Ensemble Video	3.6.190905	No
Evaluation Kit	VERIFIED	Evaluation KIT LLC/Watermark Insights LLC	7730.3100.10	Yes
Examity EDI	AT RISK	Examity		
Examity SSO	VERIFIED	Examity	1.8.2	Yes
ExamSoft	VERIFIED	Examsoft Worldwide Inc	1.11.1	No
ExamSoft V2	VERIFIED	Examsoft Worldwide Inc	2.0.8	
eXplorance	AT RISK	eXplorance		
Fischer Connector	AT RISK	Fischer International Identity LLC		
GoSignMeUp	AT RISK	GoSignMeUp		
Gradebook Extract	VERIFIED	Blackboard		
Harvard Business Publishing	AT RISK	Harvard Business Publishing		
Hawkes Course Sync Tool	VERIFIED	Hawkes Learning Systems	4.1.0	Yes
Honorlock	VERIFIED	Honorlock	3.2.0	Yes
iClicker	VERIFIED	Macmillan New Ventures	5.3.9	Yes
ILP Integration JDK11 Beta	AT RISK	Ellucian		
IntelliBoard	IN PROCESS	IntelliBoard		
ITSI	AT RISK	ITSI		
Kaltura Video	VERIFIED	Kaltura	5.2.8	Yes
Kortext Bookshelf	AT RISK	Kortext		
KuraCloud	Contact partner for new integration option	KuraCloud		
LAMS Integration Module 2	VERIFIED	LAMS International Pty Limited	1.2.28	Yes
Lynda.com	Clients are advised to reach out to LinkedIn Learning to upgrade to the new LinkedIn Learning integration; see more details <a href="#">here</a> .	LinkedIn Learning		
McGraw-Hill Campus	VERIFIED	McGraw-Hill Higher Education	9.2.76.11	No

McGraw-Hill Connect and Create	VERIFIED	Blackboard		
Mediasite	VERIFIED	Sonic Foundry	7.0.2623	Yes
Mediasite for VTBE	VERIFIED	Sonic Foundry	1.0.1017	
MyBusinessCourse LTI Integration	VERIFIED	Ublish	1.0.2017040	
NBC Content Integration	AT RISK	NBC Universal		
Panopto	VERIFIED	Panopto	2019.4.5	Yes
Partner Cloud	VERIFIED	Blackboard		
Pearson Custom Integration	VERIFIED	Blackboard		
Pearson MyLabs and Mastering	VERIFIED	Blackboard		
Poll Everywhere	VERIFIED	Poll Everywhere	1.0.7	Yes
Qwickly	VERIFIED	Qwickly LLC	5.4.2.1	Yes
ReadSpeaker for Blackboard	VERIFIED	ReadSpeaker B.V.	1.0.11	Yes
Remark Grade Import	VERIFIED	Gravic, Inc.	1.0.8	Yes
Respondus LockDown Browser	VERIFIED	Respondus	4.0.1	Yes
Ruffalo Noel-Levitz CSI Survey Link Generator	AT RISK	Ruffalo Noel-Levitz		
ShareStream Tools	VERIFIED	ShareStream	5.7.44	Yes
SmartEvals	VERIFIED	SmartEvals LLC	1.0.37	Yes
SoftChalk	VERIFIED	SoftChalk	1.3.3	Yes
Software Secure	AT RISK	Software Secure		
Soomo Publishing	VERIFIED	Soomo Publishing	1.5.8.3800	Yes
Starfish	VERIFIED	Hobsons	7.6.105	Yes
Streaming	AT RISK	Streaming Ltd.		
Studiosity	VERIFIED	Studiosity	1.1.3	
StudyMate Class	Contact partner for new integration option	Respondus		
TaskStream Connectivity	Contact partner for new integration option	Watermark Insights LLC		
TechSmith Relay	Contact partner for new integration option	TechSmith		
TestOut Integration	VERIFIED	TestOut Corporation	2.4.0.1	Yes
TopHat Monocle	VERIFIED	Top Hat Monocle	1.2.1	
Tripleplay	AT RISK	Tripleplay Services		
Turning Technologies	Contact partner for new integration option	Turning Technologies		
Turnitin Basic Assignment	VERIFIED	Turnitin LLC	2.8.3	No
Turnitin Direct Assignment for Blackboard	VERIFIED	Turnitin LLC	20190805.1.0	No
Urkund Plagirism B2	Contact partner for new integration option	Prio Infocenter		
VidGrid	VERIFIED	VidGrid	1.3.1	Yes
VitalSource Bookshelf	VERIFIED	Blackboard		

WebAssign	VERIFIED	Cengage Learning	2.3.0	Yes
WileyPlus	VERIFIED	Blackboard		
Yuja	VERIFIED	Yuja	5.8.12	Yes

\* AT RISK = The 3rd party has not provided an updated Building Block, IN PROCESS = an updated Building Block has been provided to Blackboard and verification is in process, VERIFIED = an updated Building Block has been provided to Blackboard and verification is complete.

To maintain a clean Blackboard Learn environment, Blackboard recommends best practices that keep your Blackboard Learn environment focused on only relevant Building Blocks. System administrators should review their system for all 3rdparty Building Blocks and clean up (remove) Building Blocks to help improve stability and performance, potentially shorten system upgrades, and reduce the risks associated with the Coretto 11 JDK Updates:

1. Review all inactive Building Blocks and if not needed/desired, open a Support ticket to have the Building Block(s) removed. NOTE: For any self-hosted or managed hosted sites, the system administrator can remove the Building Block(s).
2. Review all active, available and unavailable Building Blocks.
  - If a Building Blocks is not being used but still desired to have on the system, make the Building Block inactive. This improves stability, application start up times, and potentially performance.
  - If a Building Blocks is not being used and not needed on the system, open a Support ticket to have the Building Block(s) removed. NOTE: For any self-hosted or managed hosted sites, the system administrator can remove the Building Block(s).

TIP: How can you tell if a Building Block may be a 3rd party Building Block? The easiest way to do that is to go into the Admin Panel > Building Blocks > Installed Tools and sort the list by VERSION. Blackboard core Building Blocks will have the same version that will match the Blackboard Learn release version posted at the top of the System Admin panel; those can be ignored. All other Building Blocks should be looked at.

This list will be updated weekly to keep you informed ahead of the Learn release supporting JDK11. For additional questions around the JDK11 update, Blackboard requests you to engage with us in the [Community Preview Program](#).