

AICC remote launching of e-LfH content

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| Version: | 1.2 |
| Date: | 18/05/2016 |
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Introduction

A number of e-LfH Session URL's will be made available to external organisations to launch from their own Learning Management Systems (LMS) via the AICC e-learning session communication standard. This will enable the external LMS to record launching, duration, score and status of sessions held on e-LfH's content server.

This documentation is designed purely as an advisory guide on how to configure a standard Moodle LMS to launch remote AICC enabled sessions. Whilst we expect other iterations of Moodle derived platforms to be similar, we cannot test or advise on the specific Moodle instance.

Our internal testing has been carried out on version 3.0 of Moodle. Note that there are earlier versions of Moodle that have issues with the AICC communication, such as 2.4.1, which will not work.

<https://docs.moodle.org/dev/Releases>

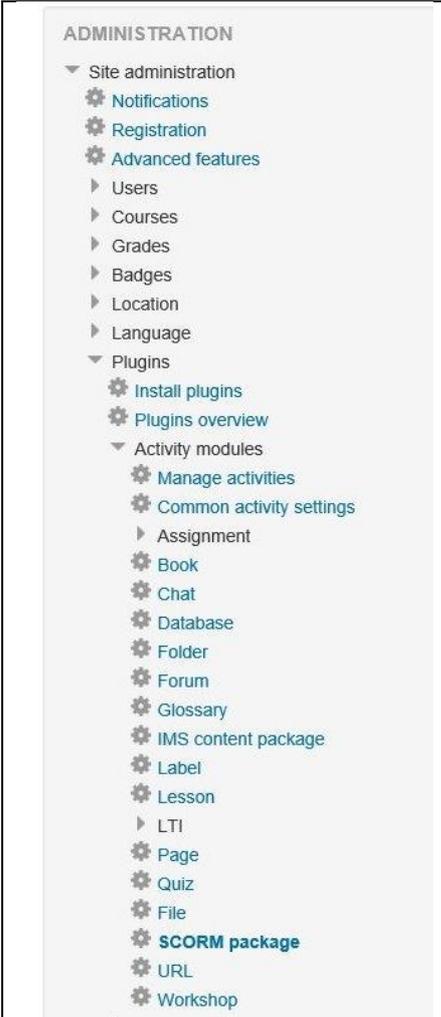
Note that only e-LfH developed content can be made available via AICC. Initially we have prepared the following programmes:

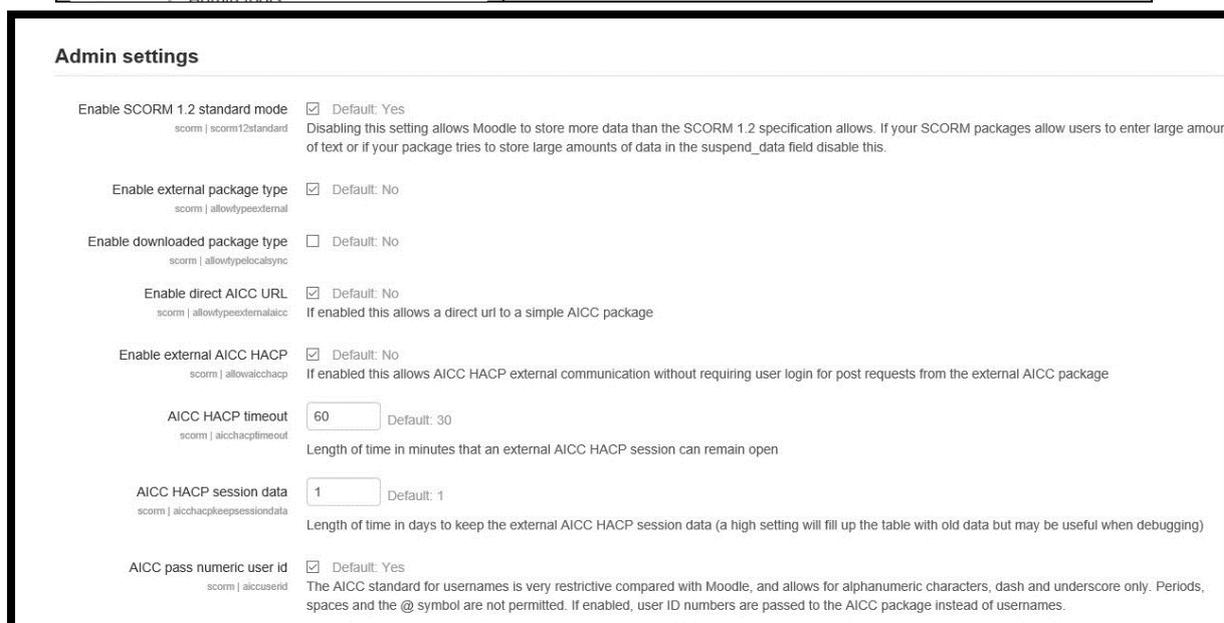
- Safeguarding Children (SGC)
- Safeguarding Adults (SGA)
- Venous Thromboembolism (VTE)
- Female Genital Mutilation (FGM)

Note that the LMS referring URL and IP address for each external organisation is required for white listing purposes.

An appendix is included to show how to set-up a course on a Kallidus LMS with an e-LfH AICC enabled session.

General AICC configuration

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|  <p>The screenshot shows the Moodle Administration menu. The 'SCORM package' option is highlighted in blue. The menu structure is as follows:</p> <ul style="list-style-type: none">ADMINISTRATION<ul style="list-style-type: none">Site administration<ul style="list-style-type: none">NotificationsRegistrationAdvanced features<ul style="list-style-type: none">UsersCoursesGradesBadgesLocationLanguagePlugins<ul style="list-style-type: none">Install pluginsPlugins overview<ul style="list-style-type: none">Activity modules<ul style="list-style-type: none">Manage activitiesCommon activity settings<ul style="list-style-type: none">AssignmentBookChatDatabaseFolderForumGlossaryIMS content packageLabelLesson<ul style="list-style-type: none">LTIPageQuizFileSCORM packageURLWorkshopAdmin tools | <p>Before the session can be configured within a course, Moodle requires some general site configuration changes to enable the option on the course for the external AICC URL.</p> <p>To navigate to this area, select Site Administration, Plugins, Activity Modules followed by SCORM package</p> <p>Within this option is an 'Admin Settings' section</p> <p>The following settings are applicable for remote launching of AICC enabled sessions:</p> <ul style="list-style-type: none">Enable Direct AICC URLEnable external ACC HACPAICC HACP Timeout - 60AICC HACP Session data - 1 (default)AICC pass numeric user id Yes (default) <p>The values set are shown in the screen shot below</p> |
|--|---|

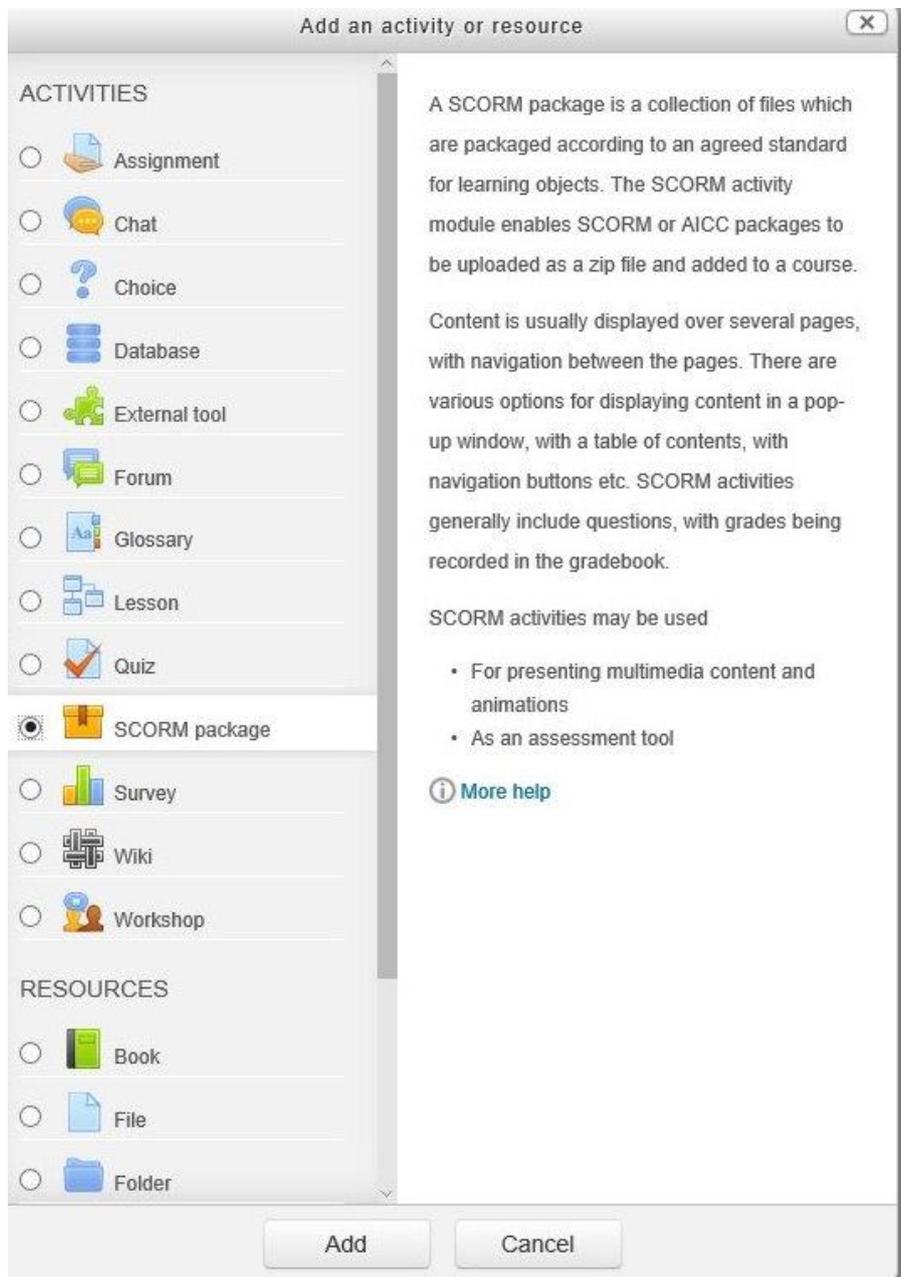


The screenshot shows the 'Admin settings' page for SCORM. The following settings are visible:

- Enable SCORM 1.2 standard mode** Default: Yes
Disabling this setting allows Moodle to store more data than the SCORM 1.2 specification allows. If your SCORM packages allow users to enter large amount of text or if your package tries to store large amounts of data in the suspend_data field disable this.
- Enable external package type** Default: No
- Enable downloaded package type** Default: No
- Enable direct AICC URL** Default: No
If enabled this allows a direct url to a simple AICC package
- Enable external AICC HACP** Default: No
If enabled this allows AICC HACP external communication without requiring user login for post requests from the external AICC package
- AICC HACP timeout** Default: 30
Length of time in minutes that an external AICC HACP session can remain open
- AICC HACP session data** Default: 1
Length of time in days to keep the external AICC HACP session data (a high setting will fill up the table with old data but may be useful when debugging)
- AICC pass numeric user id** Default: Yes
The AICC standard for usernames is very restrictive compared with Moodle, and allows for alphanumeric characters, dash and underscore only. Periods, spaces and the @ symbol are not permitted. If enabled, user ID numbers are passed to the AICC package instead of usernames.

Session (Activity/Resource) configuration

To add an AICC enabled session URL within a course on Moodle click on 'Add an Activity or Resource' and select the 'SCORM Package' option



If the General AICC configuration is correct, the Package Type the drop down list should now display the 'External AICC URL' option.

▼ Package

Type ? External AICC URL ▼

URL ?

Package file ?

Enter the e-LfH Supplied URL in the corresponding URL field:

E.g. https://portal.e-lfh.org.uk/AICC/InitialiseRelay?CONTENT_URL=/AICC_Content/SGC_10_01_001

▼ Package

Type ? External AICC URL ▼

URL ?

Package file ?

Click on 'Save and return to Course'. Note that Moodle may not allow you to save the setting if the AICC URL cannot be reached. If Moodle shows this error, please ensure that you have correctly entered the URL supplied by e-LfH.

Appendix 1 – Kallidus set-up

From discussions with Kallidus the following is required to set up an AICC link to an e-LfH Session

1. Create a new lesson in Kallidus
2. Set the type to AICC
3. Under 'elearning set up' set the URL and parameters to match those provided by e-LfH for each course. Sample below for the "Safeguarding for Adults" course

[Return to Activity list](#) Activity > Safeguarding AICC Test > E-Learning set-up

Activity Administration

- Details
- Custom fields
- E-Learning set-up**
- Forum
- Domain
- Course
- Notification
- Continuous requirement
- Element
- CPD programmes
- Refresher training
- Results
- Evaluation form
- Document
- Notes
- Email templates
- Send email

Safeguarding AICC Test

This activity was created on 21 March 2016. The details were last modified on 06 April 2016.

Set-up

Tracking type AICC

URL

Parameters

Version

Mastery score

Options

Show the browser window full screen

Show the window in kiosk mode (only available with Microsoft Internet Explorer)
Ensure that the activity provides an exit function when using kiosk mode

Show the browser window resized to:

Left Width

Top Height

As the communication is all over http there are no ports, security, firewall issues etc.