Open Badges Specification v2

Test instruction

This document describes test instruction on what NashTech implemented to upgrade open badge to version 2.

The implementation is based on open badge specification 2.0

https://www.imsglobal.org/sites/default/files/Badges/OBv2p0/history/2.0.html

https://www.imsglobal.org/sites/default/files/Badges/OBv2p0/examples/index.html#Internationalization

# Admin creates a new badge

We focus on describing new details in v2 in the steps below.

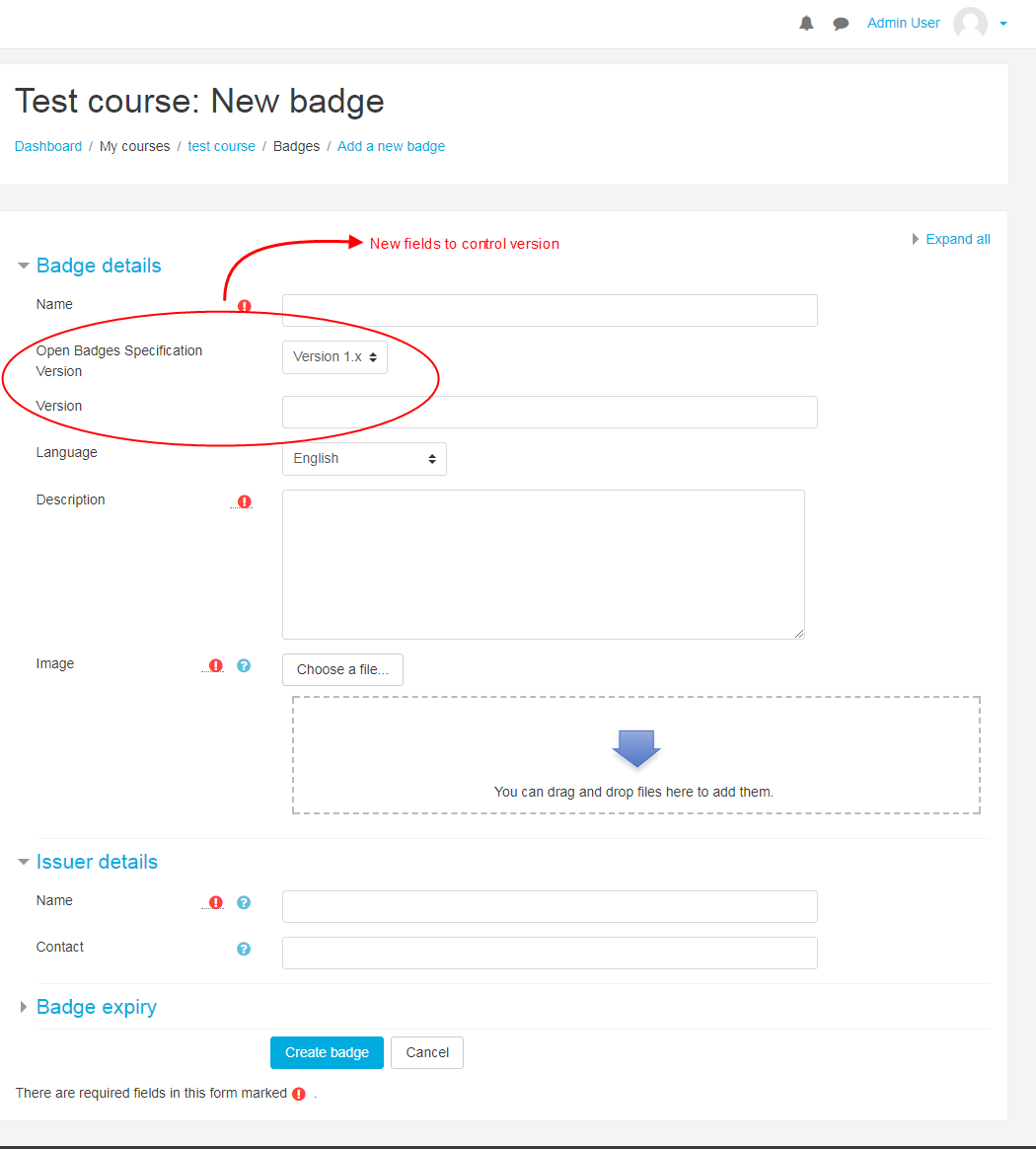
Steps:

1. Login as Admin
2. Create a new course or find an existing course e.g course A
3. Click add new badge

Expected result: Create new badge screen displays

These fields are new in openbadge v2

* Openbadge specification version: This field allows us to create our badge in v1 or v2. Version 2 provides new details such as version control, language identifier, endorsement, competency alignment.
* Version: make year-to-year qualitative improvements to the badge and keep track of the history behind the badge's development so that consumers of the badge can understand its history. When you have multiple badges, a badge could be version 1, the others is version 2 and 3. Version can be numeric or text
* Language: declare which language a Badge Object is expressed in.



1. Fill in the form. Select ‘Version 2.x’ at Open Badges Specification dropdown. Click ‘Create badge’ button

Expected result: Badge is created successfully. Overview, Edit details, Criteria, Message, Recipients, Endorsement, Related badges, Competencies tab appears

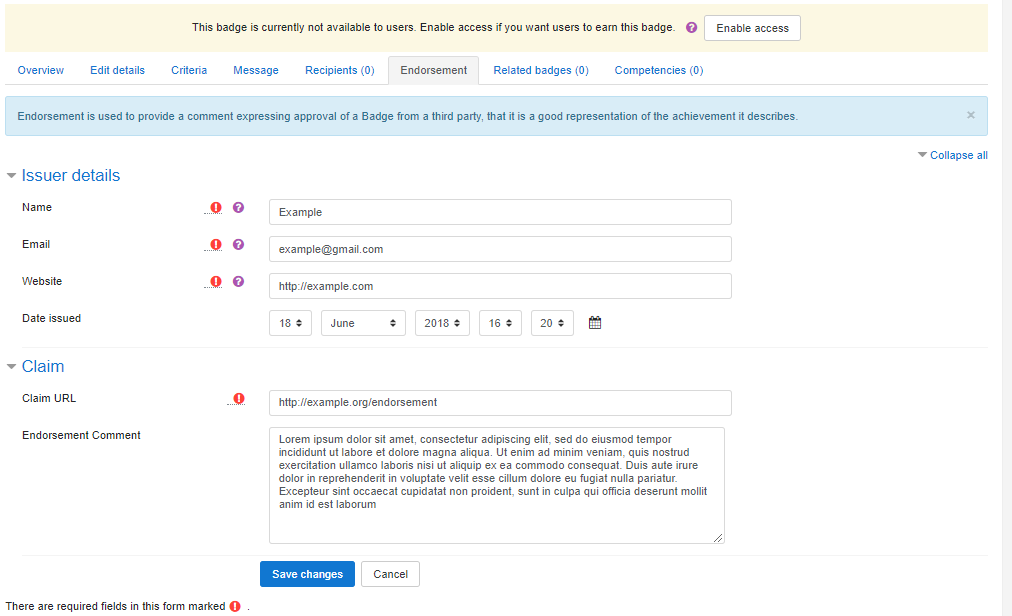
1. Select Endorsement tab, fill in Endorsement form. Click ‘Save changes’ button

Expected result: Endorsement details are saved successfully.

Note: Endorsement is used to provide a comment expressing approval of a BadgeClass, that it is a good representation of the achievement it describes.

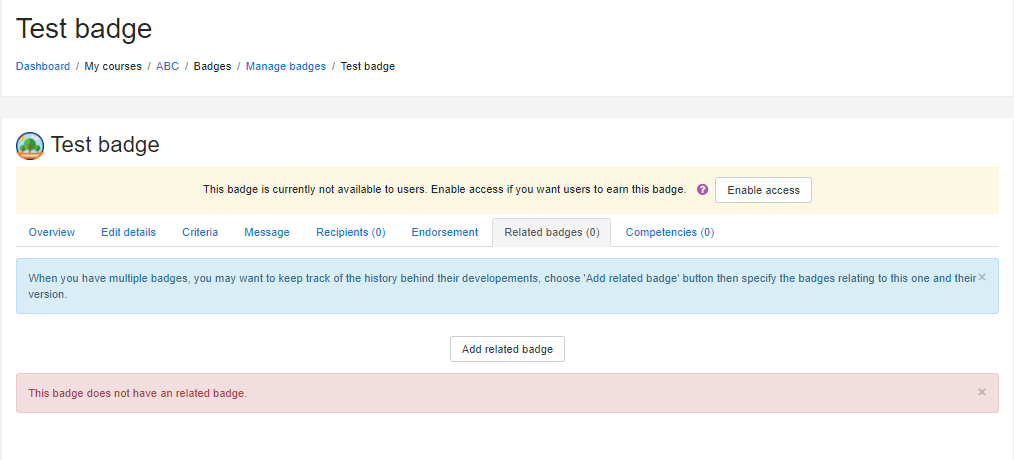
There will be a third party or organization who endorses your badge, the new endorsement details below support us to embed endorsement details into badge class.

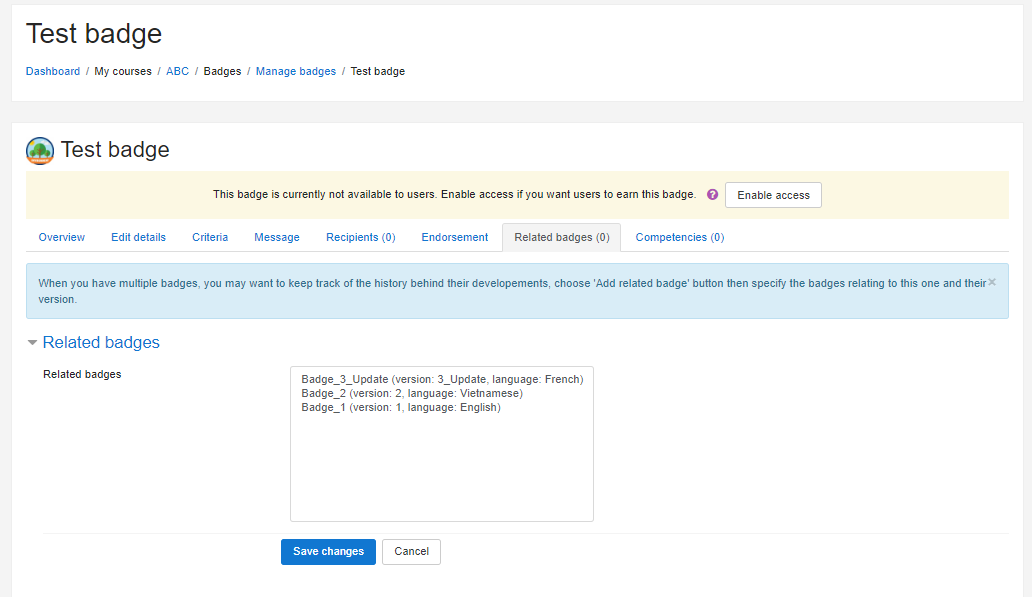
With Claim URL is the link from third party that contains endorsement information for issuer.



1. Select Related badges tab and click ‘Add related badge’ button. This screen allows us to specify relationship between badges.

Expected result: List of existing badges display

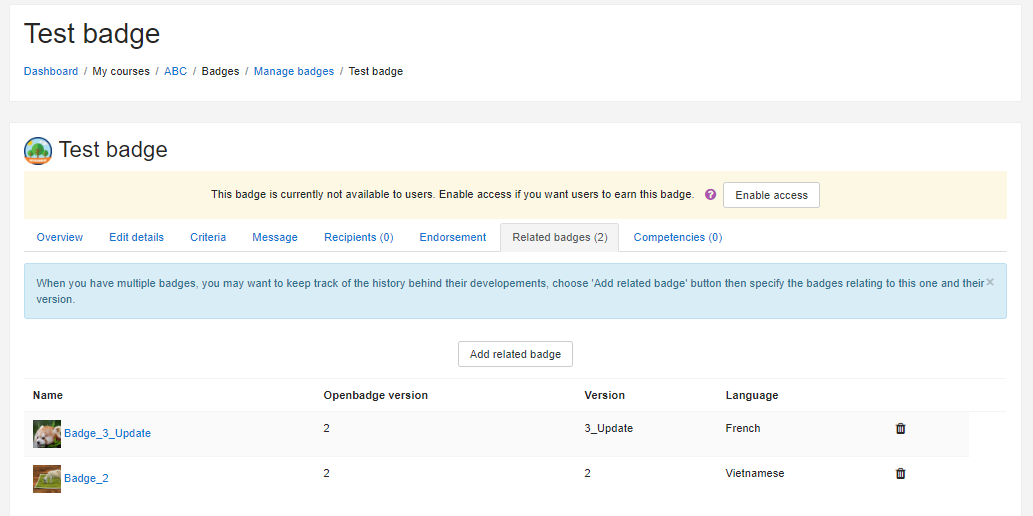




1. On this screen, we choose the badges related to the being created one. Click ‘Save changes’ button.

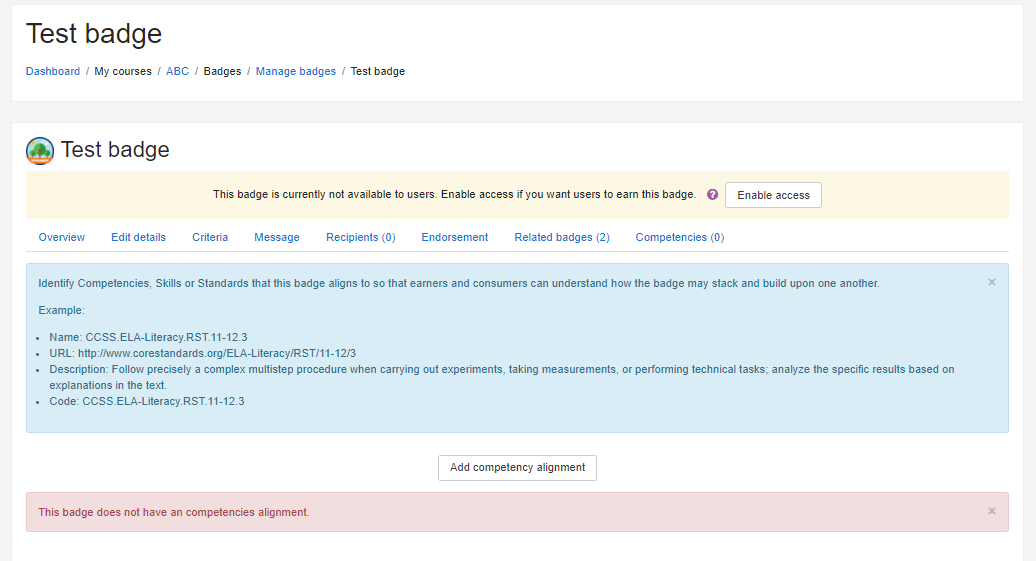
Expected result: back to Related badge tab with added badges are displaying

Note: you can remove a related badge by clicking on recycle bin icon



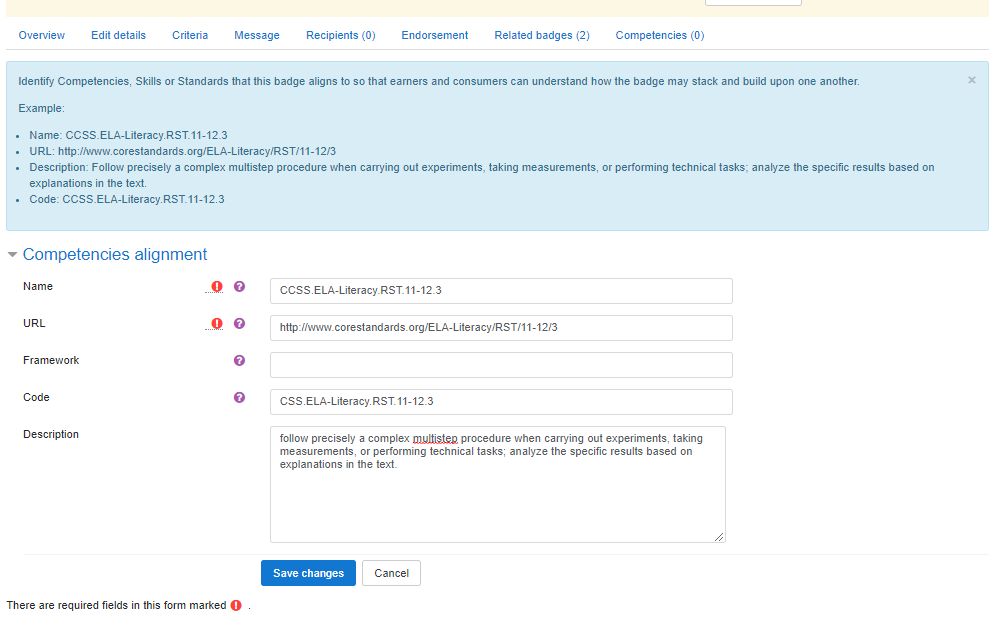
1. Select Competencies tab. This allows us to identify competencies, skills or standards that our badges align to so that earners and consumers can understand how the badge may stack and build upon one another.

Expected result: Competency screen display with ‘Add competency alignment’ button



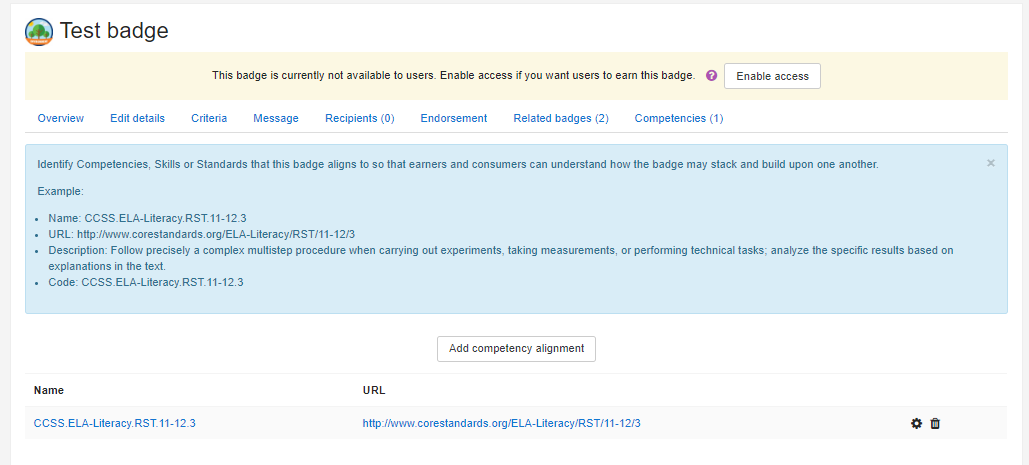
1. Click ‘Add competency alignment’

Expected result: Add competency form displays



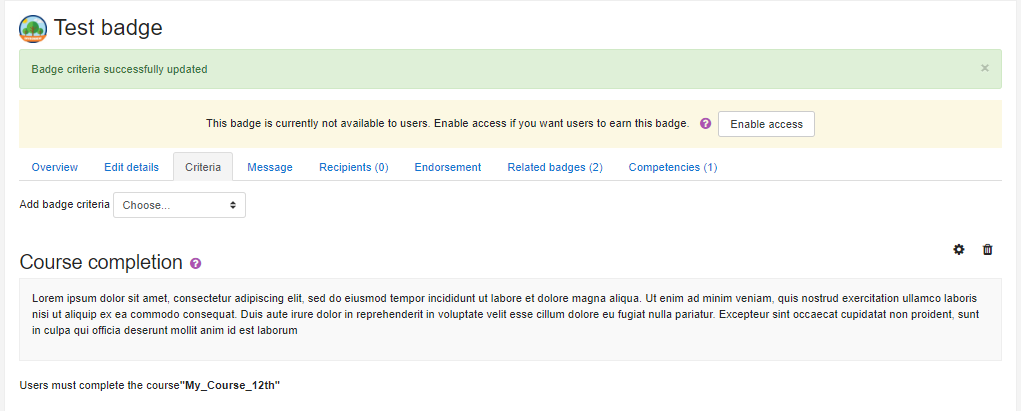
1. Fill in the form and click ‘Save changes’ button

Expected result: save successfully and back to competency screen



1. Select Criteria tab and define criteria (similar to v1). Click ‘Save changes’

Expected result: save successfully



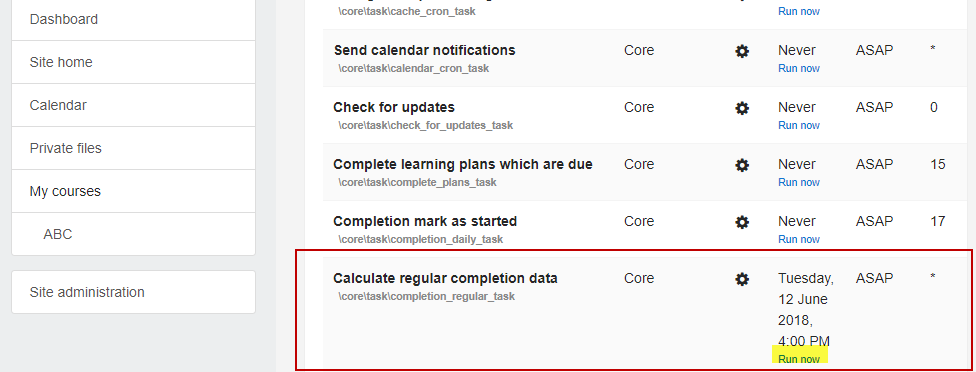
1. Select Overview tab

Expected result: details on other tabs display on Overview tab

1. Click ‘Enable access’ button to publish the badge

# 2. Learner earns a badge

1. Login as Learner
2. Enrol on course A
3. Complete the criteria defined in step 11 above to get the badge
4. Switch to admin, access admin/tool/task/scheduledtasks.php and run ‘**Calculate regular completion data**’



Expected result: badge displays on learner’s profile

1. Learner downloads the badge
2. View JSON data of the badge

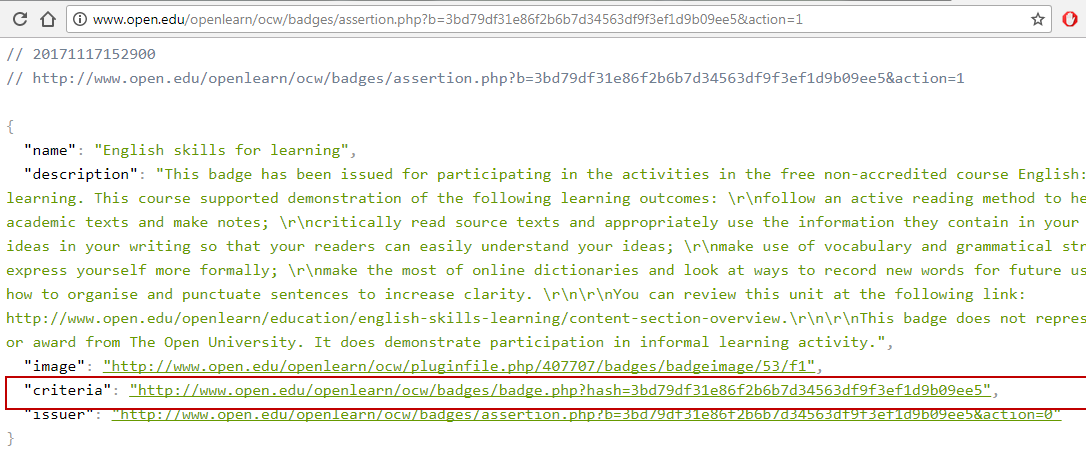
Expected result: details are correct with what admin set up and meet criteria specified in spec v2

### Endorsement



### Embed criteria to badge class

Version 1: criteria links to external site



Version 2: criteria is embedded in badge class

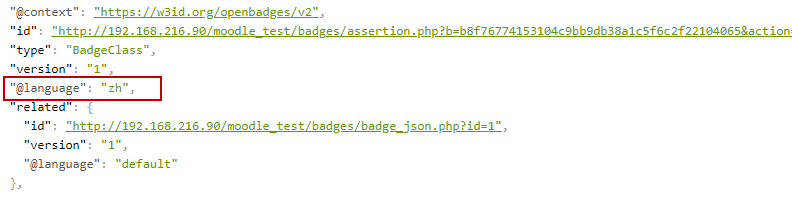


Embed metadata about badge images 

### Embed Image information into Badge Objects, enabling greater accessibility of Open Badges



### Internationalization and multi-lingual badges



### Version control (Related badges)

### Alignment to external frameworks and objectives (Competency)