Introduction
Benefits of using the Digital Credentials standards

Sara Arjona Téllez
Developer & Integrator at Moodle LMS
@sara_arjona
I’m a **DEVELOPER** so my apologies in advance:

If I use weird words now and then. I’ll try to avoid them but, you know...

If I say something wrong… I’m mainly familiarised with OB standard from the technical POV and I might misunderstand some concepts.

I hope you be kind and help me to learn from my mistakes 😜
Badges and credentials
Credentials

Piece of any document that details a qualification, competence, or authority issued to an individual by a third party with a relevant or de facto authority or assumed competence to do so.

- Educational degrees and diplomas
- Professional and industry certifications
- Badges
- ...
Badges

A badge is a representation of a skill you've earned.
Digital badges

A digital badge is an online representation of a skill you've earned.

Source: https://images.app.goo.gl/EDg48ucDWKidSw8R7
Open Badges take the digital badge concept one step further, and allows you to verify your skills, interests and achievements through credible organizations and attaches that information to the badge image file, hard-coding the metadata for future access and review.
Open Badges are ...

- **Evidence-based.** Information attached to the badge image file (metadata).
- **Not controlled by one organization.** Verify skills, interests and achievements through several credible organizations.
- **Stackable.** Earners can combine multiple badges from different issuers.
- **Transferable.** Earners can share badges in other systems.
- **Controlled by users.** Earners control badges privacy.
Digital Credentials standards overview
Have you ever heard about... 

Open Badges
The digital way to award accomplishments.

CLR
Learning happens at every stage of the journey.

CASE
A personalized digital record that shows and tells a wide range of experiences and accomplishments in the context of learning.

www.wooclap.com/OAHLPF

Source: https://gph.is/2faFvlY
Open Badges specification

- **Open Badges 1.0** [MOZILLA - Discontinued]
  - Data model with main fields to define a badge

- **Open Badges 2.0** [IMSGLOBAL - Final Release]
  - New fields: endorsements, internationalization and multilingual capabilities, versioning
  - Improvements for accessibility
  - Full adoption of JSON-LD

- **Open Badges 2.1** [IMSGLOBAL - Candidate Final Public]
  - Also known as Badge Connect™ API
  - Adds a REST-based API to OBv2.0 data model
Competencies and Academic Standards Exchange®

Universal framework to representing learning standards, competencies, rubrics and relationships among them.

- Facilitates the exchange of information about learning standards and education competencies across platforms
CASE® specification

- **Includes:**
  - **Document**: competencies or academic standards
  - **Items**: statements describing what learner will know/do
  - **Associations**: relationship between items
  - **Rubrics**: criteria for grading

- **CASE® 1.0** [IMSGLOBAL - Final Release]
  - Information model
  - REST/JSON Binding
Comprehensive Learner Record (CLR)

- Complete lifelong learning, including academic and workplace recognition and achievements.
- Used, curated and controlled by learner.

Source: http://www.imsglobal.org/activity/comprehensive-learner-record
CLR specification

- Make all learning count, no matter where it takes place.
- **CLR 1.0** [IMSGLOBAL - Candidate Final Public]
  - Information model
  - REST/JSON Binding

Source: http://www.imsglobal.org/introduction-extended-transcript-et
Benefits of digital credentials standards
Benefits

“Blank page syndrome” or “Why should the wheel be reinvented?”

Source: http://gph.is/1frY9hT
Benefits

Possibility to add new tools (issuers/providers) to the ecosystem... And new features too!

Source: https://gph.is/2PpUuJE
Benefits

Easy to replace tools from the ecosystem for other similar

Source: http://gph.is/1WQTn0V
Benefits

Access to a big catalog of providers/tools compatibles with these standards

Source: https://gph.is/2953ZL
Benefits

Better guarantees of continuity in time

Source: http://gph.is/1ab2uN5
Benefits

Low tech debt

Source: http://gph.is/28JmpF
Some interesting readings

- Digital credentials:
  - https://www.imsglobal.org/digitalcredentials
  - http://www.imsglobal.org/understanding-digital-credentials

- Open Badges:
  - https://badge.wiki/wiki/What_Are_Open_Badges%3F
  - https://openbadges.org/

- IMSGlobal:
  - https://www.imsglobal.org/activity/digital-badges
  - https://www.imsglobal.org/about/clr
  - http://www.imsglobal.org/about/case
Who better represents you right now?

Source: https://giphy.com/
Have you ever heard about...

Open Badges
The digital way to award accomplishments.

CLR
Learning happens at every stage of the journey.

CASE
It's the learning standards inside a digital credential.

Source: https://gph.is/2faFvlY

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