

# Mozilla Open Badges

<http://openbadges.org>  
@OpenBadges



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**Mozilla!**

# MozFest 2010



What if we used  
**badges** for learning?



Not just digital badges but  
**Open Badges**



Visual representations of  
**achievements, learning, skills,  
interests, competencies**



Open Badges can complement  
**traditional**  
education practices



They can accommodate  
**formal & informal**  
learning pathways





They can represent **hard & soft** skills, **peer** assessment, and stackable **lifelong** learning



Open Badges can capture learning **wherever** & **however** it occurs — allowing for innovation



# Open Badges?

(What about degrees, certificates, diplomas?)

Not simply either/or—  
**both/and!**

How do **we** get there?



Through a **shared** badge  
**ecosystem & infrastructure:**  
a **universal** standard.

# Open Badge Infrastructure

(oh hai, OBI!)

BADGE ISSUERS →



after-school program



free online course



government agency

BADGES →





EARNER



BADGE BACKPACK →



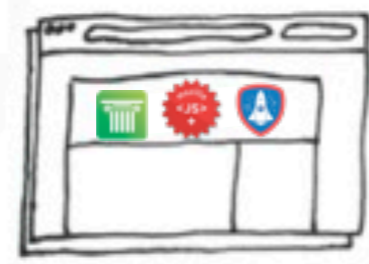


EARNER

BADGE BACKPACK →



DISPLAY SITES →



personal web site



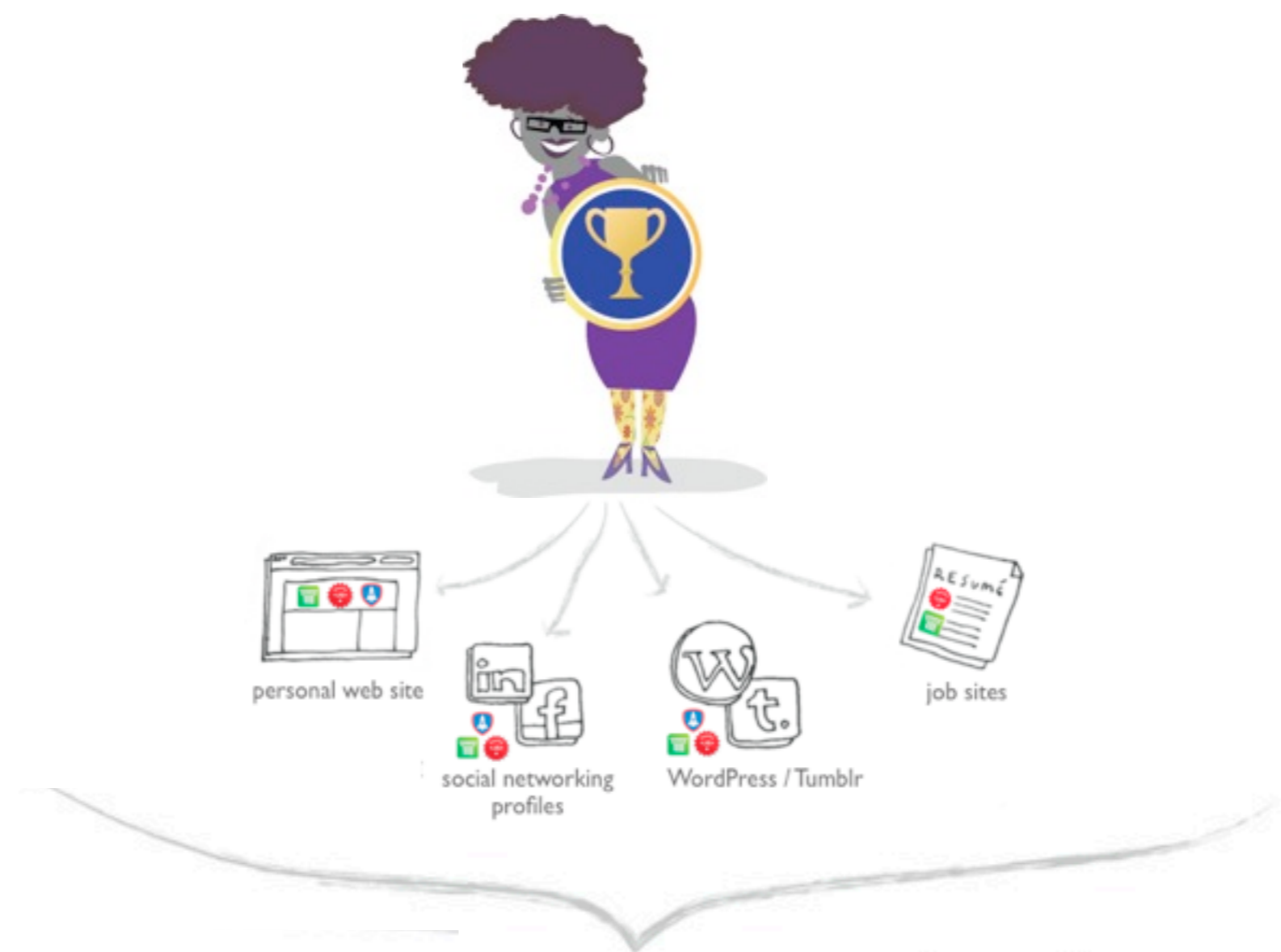
social networking profiles



WordPress / Tumblr



job sites



**RESULTS** →

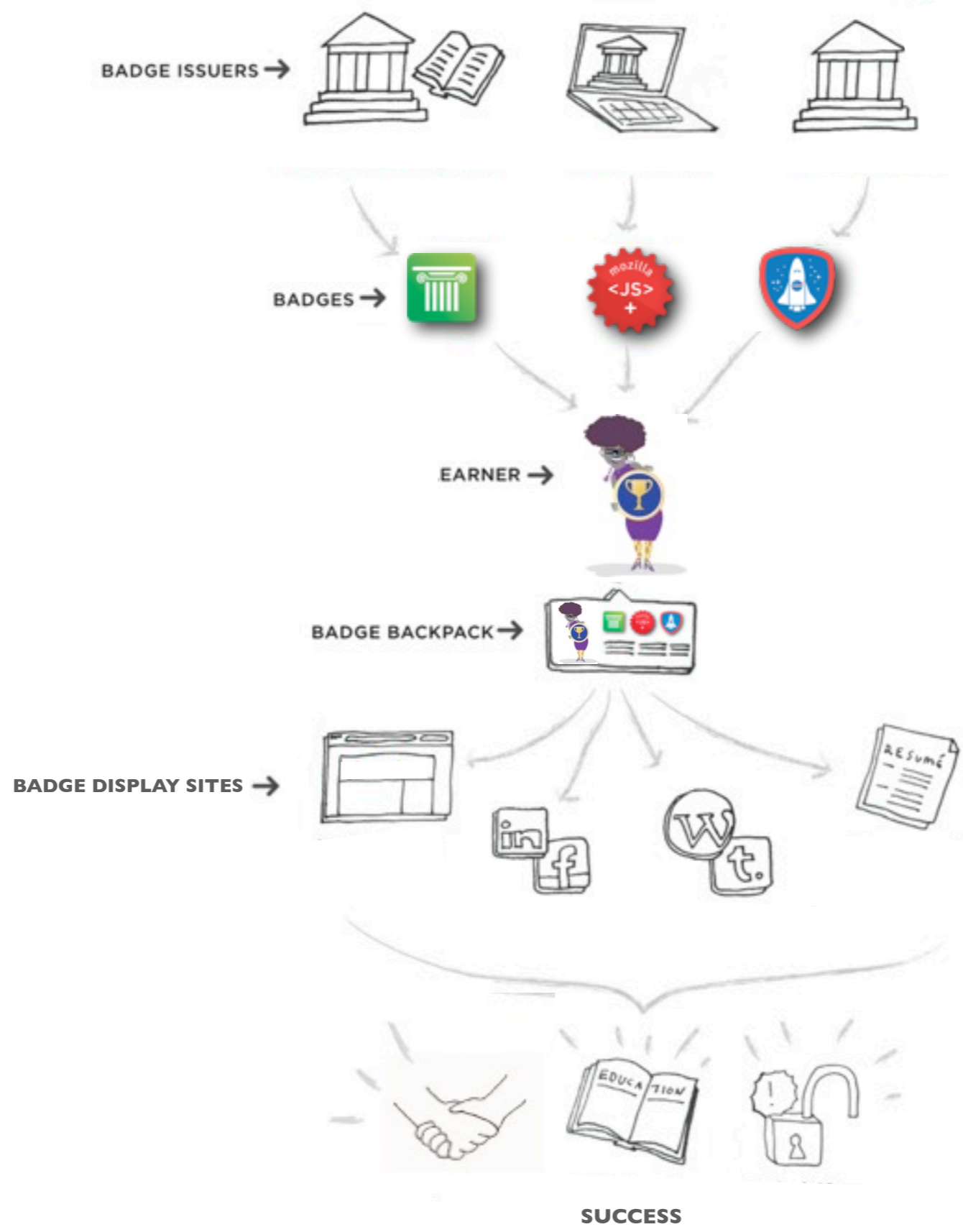


**jobs**

**new learning**

**unlock opportunities**

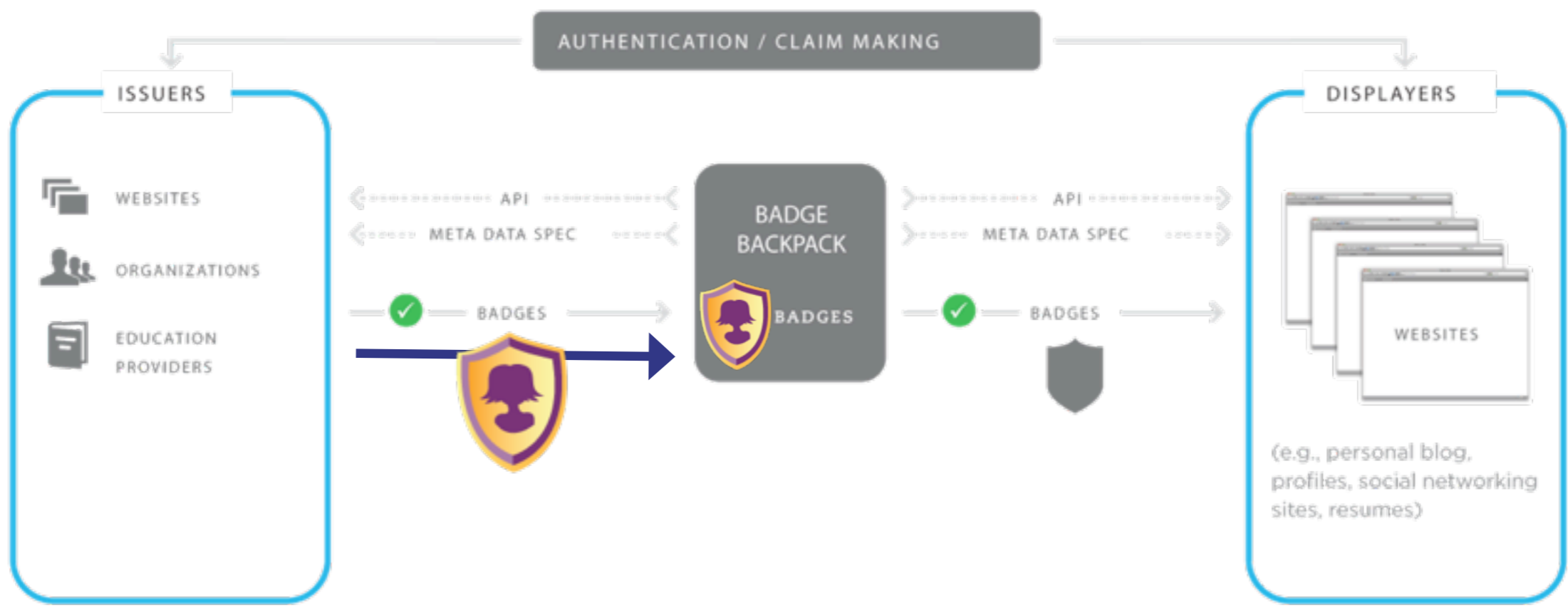
Issuers & Endorsers  
**Earners**  
Displayers

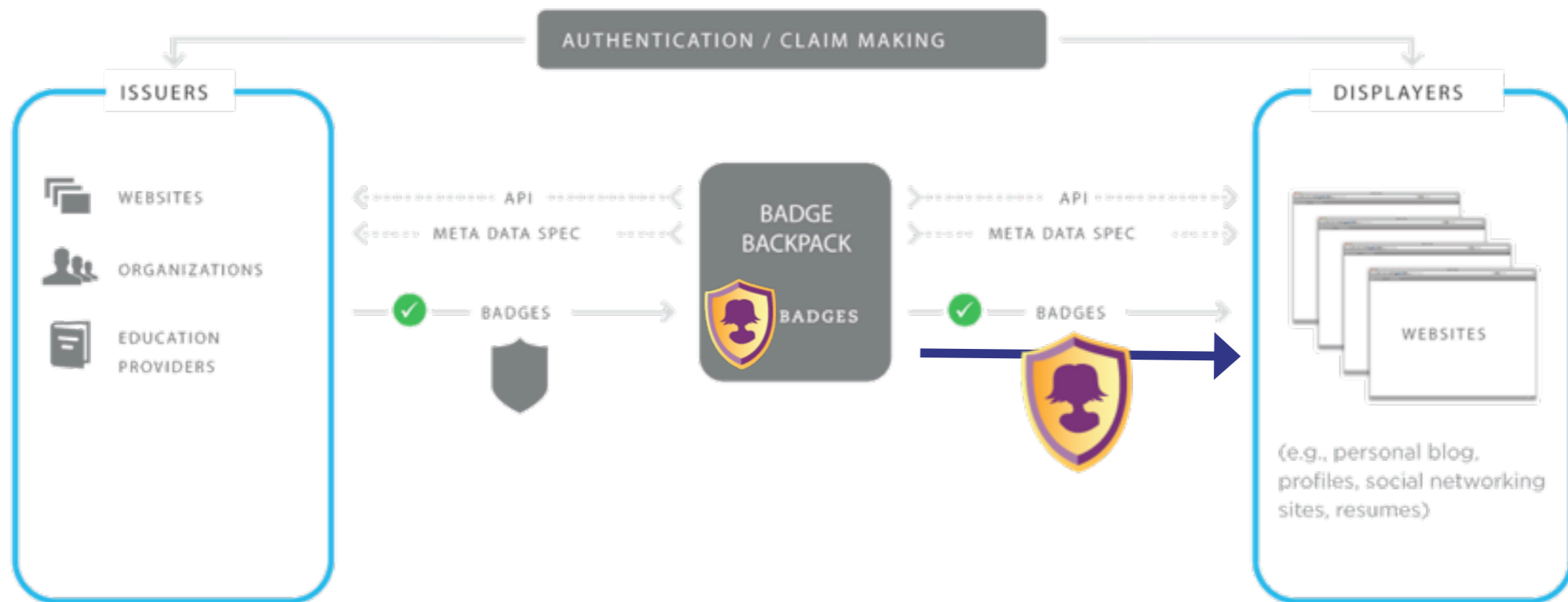


```
{  
  "recipient": "bimmy@example.com",  
  "evidence": "/badges/html5-basic/bimmy",  
  "expires": "2013-06-01",  
  "issued_on": "2011-06-01",  
  "badge": {  
    "version": "0.5.0",  
    "name": "HTML5 Fundamental",  
    "image": "/img/html5-basic.png",  
    "description": "Knows the difference between a",  
    "criteria": "/badges/html5-basic",  
    "issuer": {  
      "origin": "http://p2pu.org",  
      "name": "P2PU",  
      "org": "School of Webcraft",  
      "contact": "admin@p2pu.org"  
    }  
  }  
}
```



# Badge **metadata** spec + Issuer API







## what are **OPEN BADGES?**

*Learning today happens everywhere. But it's often difficult to get recognition for skills and achievements that happen online or out of school. Mozilla Open Badges helps solve that problem, making it easy for any organization to issue, manage and display digital badges across the web.*

Take the **Badges 101** quiz—and earn your first badge

[get started >](#)

[visit your Mozilla Badge Backpack >](#)



### **ISSUER**

I want to issue badges



### **EARNER**

I want to earn and collect badges



### **DISPLAYER**

I want to display badges

mozilla  
**OPEN BADGES**

ABOUT | ISSUER | EARNER | DISPLAYER | FAQ

mozilla ▾


Learn more about the DML Badge Competition!

# what are OPEN BADGES?

Learning to get recognized or out of school problem, manage and

Take the Badge

get s



## OPEN BADGES

Helping learners everywhere display skills, unlock career opportunities and level up in life

Let's go through some of the basics about badges and earn your first badge in the process.

[Start >](#)

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**ISSUER**  
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Learn more about the DML Badge Competition!

# what are OPEN BADGES?

Learning today happens everywhere. But it's often difficult to get recognition for skills and achievements that happen outside of school. Mozilla's Open Badges is working to solve that problem, making it easy for anyone to issue, earn and display badges across the web—through a shared infrastructure that's free and open to all.

Take the Badge

get started

## LEARNING TODAY HAPPENS EVERYWHERE.

But it's often difficult to get recognition for skills and achievements that happen outside of school. Mozilla's Open Badges is working to solve that problem, making it easy for anyone to issue, earn and display badges across the web—through a shared infrastructure that's free and open to all.

Next >

● ● ● ● ● ● ● ●

**ISSUER**  
I want to issue badges

**EARNER**  
I want to earn and collect badges

**DISPLAYER**  
I want to display badges

The screenshot shows the Mozilla Open Badges website. At the top left, the Mozilla logo is followed by the text "OPEN BADGES". To the right, a navigation menu includes links for "ABOUT", "ISSUER", "EARNER", "DISPLAYER", and "FAQ". A "mozilla" dropdown menu is visible in the top right corner. The main heading reads "what are OPEN BADGES?". Below this, there is introductory text: "Learning to get recognized or out of school problem, manage and". A blue button labeled "get started" is partially visible. A modal window is centered on the screen with the title "OPEN BADGE INFRASTRUCTURE". The modal text states: "The Mozilla Open Badge Infrastructure enables any organization or community to issue badges backed by their own seal of approval. Learners/users can then collect badges from different sources and share them across the web, unlocking new career and learning opportunities." A blue "Next >" button is at the bottom right of the modal. A progress indicator with five dots is at the bottom center of the modal. In the background, three columns are visible: "ISSUER" (I want to issue badges), "EARNER" (I want to earn and collect badges), and "DISPLAYER" (I want to display badges). A speech bubble on the right says "Learn more about the DML Badge Competition!".

The screenshot shows the Mozilla Open Badges website. At the top left, the text reads "mozilla OPEN BADGES". To the right, there is a navigation menu with links for "ABOUT", "ISSUER", "EARNER", "DISPLAYER", and "FAQ". A "mozilla" logo with a dropdown arrow is in the top right. The main heading is "what are OPEN BADGES?". Below it, there is a paragraph: "Learning today happens everywhere, not just in classrooms. Learning today happens everywhere, not just in classrooms. Learning today happens everywhere, not just in classrooms." A "Take the Badge Quiz" button is visible. A quiz overlay is centered on the screen with the title "YOUR FIRST BADGE". The quiz asks: "True or False: Learning today happens everywhere, not just in classrooms." There are two buttons: "True" (green) and "False" (orange). Below the buttons, a paragraph explains: "That's right! There are countless examples of learning occurring through informal channels. The web and other new learning spaces provide exciting new ways to gain skills and experiences—from online courses, learning networks and mentorship to peer learning, volunteering and after-school programs." A "Next >" button is at the bottom right of the quiz. At the bottom of the page, there are three columns: "ISSUER" (I want to issue badges), "EARNER" (I want to earn and collect badges), and "DISPLAYER" (I want to display badges).

mozilla OPEN BADGES

ABOUT | ISSUER | EARNER | DISPLAYER | FAQ

mozilla

Learn more about the DML Badge Competition!

# YOUR FIRST BADGE

True or False: You can understand a person's skill set simply by looking at their degree.

True  False

*That's right!* While degrees do convey information about people's skills, they often tend to be abstracted from the actual learning that has occurred. Two people with the same degree may have taken very different learning pathways or developed different skills. Many people without a formal degree possess a vast set of job-relevant skills. Badges help by providing a more complete picture, recognizing a more granular set of skills.

Next >

ISSUER I want to issue badges

EARNER I want to earn and collect badges

DISPLAYER I want to display badges

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The screenshot shows the Mozilla Open Badges website. At the top left, it says 'mozilla OPEN BADGES' with navigation links for 'ABOUT', 'ISSUER', 'EARNER', 'DISPLAYER', and 'FAQ'. A 'mozilla' dropdown menu is visible at the top right. The main heading is 'what are OPEN BADGES?'. Below this, there is a paragraph: 'Learning together, get recognition, or out of school, problem, manage and'. A button labeled 'Take the Badge' is partially visible. A modal window is centered on the screen with a gold shield icon containing a star. The modal text reads: 'BADGES 101', 'Congratulations! You've just earned the Badges 101 badge!'. Below this are two options: 'Push this badge to your Mozilla backpack' with a backpack icon, and 'Go earn the Hackasaurus Navigator badge' with a ship's wheel icon. At the bottom of the modal are five dots, with the last one filled. The background of the website shows three columns: 'ISSUER' (I want to issue badges), 'EARNER' (I want to earn and collect badges), and 'DISPLAYER' (I want to display badges). A speech bubble on the right says 'Learn more about the DML Badge Competition!'.



mozilla  
**OPEN BADGES**

ABOUT | ISSUER | EARNER | DISPLAYER | FAQ

mozilla ▾


Learn more about the DML Badge Competition!

# what are OPEN BADGES?

Learning together, get recognition for out of school problem, manage and

Take the Badge

get started



## BADGES 101

*Congratulations! You've just earned the Badges 101 badge!*

If you'd like to send this badge to your Mozilla backpack, just fill out the form below.

This will push your badge to the Mozilla Badge Backpack which is governed by the Mozilla Badge Backpack Terms of Use and Privacy Policy.

●●●●●●●●

**ISSUER**  
I want to issue badges

**EARNER**  
I want to earn and collect badges

**DISPLAYER**  
I want to display badges

The screenshot shows the Mozilla Open Badges website. At the top left, the text "mozilla OPEN BADGES" is visible. A navigation menu includes "ABOUT", "ISSUER", "EARNER", "DISPLAYER", and "FAQ". A "mozilla" logo with a dropdown arrow is in the top right. The main content area features the heading "what are OPEN BADGES" and a sub-heading "Learning to get recognized or out of school problem, manage and". Below this is a "Take the Badges" section with a "get started" button. At the bottom, three roles are listed: "ISSUER" (I want to issue badges), "EARNER" (I want to earn and collect badges), and "DISPLAYER" (I want to display badges). A modal dialog box titled "Open Badge Backpack" is centered on the screen. It contains the text: "Hi! You are about to submit 1 badge to the Mozilla Open Badge Backpack at beta.openbadges.org. To begin, you will need to log in." Below the text is a green "Sign in" button with a right-pointing arrow.

The screenshot shows the Mozilla Open Badges website. At the top left, the text "mozilla OPEN BADGES" is visible. A navigation menu includes "ABOUT", "ISSUER", "EARNER", "DISPLAYER", and "FAQ". A "mozilla" logo with a dropdown arrow is in the top right. The main content area features the heading "what are OPEN BADGES" and a sub-heading "Learning how to get recognized or out of school problem, manage and". Below this is a "Take the Badges" section with a "get started" button. At the bottom, three columns are labeled "ISSUER" (I want to issue badges), "EARNER" (I want to earn and collect badges), and "DISPLAYER" (I want to display badges). A "Learn more about the DML Badge Competition" link is also present.

Open Badge Backpack

mozilla x

Hi! You are about to submit 1 badge to the Mozilla Open Badge Backpack at [beta.openbadges.org](http://beta.openbadges.org) as [carla@mozillafoundation.org](mailto:carla@mozillafoundation.org).

Cool, let's go! I am not [carla@mozillafoundation.org](mailto:carla@mozillafoundation.org).

mozilla OPEN BADGES

what are OPEN BADGES

Learning to get recognition or out of school problem, manage and

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get


mozilla

Learn more about the DML Badge Competition

Open Badge Backpack

mozilla

**Accept this badge?**



**Recipient**  
carla@mozillafoundation.org

**Name**  
Badges 101

**Description**  
You really get badges!

**Criteria**  
<http://openbadges.org/en-US/>

**Issuer**  
Open Badges (<http://badges-101.openbadges.org/>)

**ISSUER**  
I want to issue badges


**EARNER**  
I want to earn and collect badges

**DISPLAYER**  
I want to display badges

The screenshot shows the Mozilla Open Badges website. At the top left, the text "mozilla OPEN BADGES" is visible. To the right, there are navigation links: "ABOUT", "ISSUER", "USER", "DISPLAYER", and "FAQ". A "mozilla" logo with a dropdown arrow is in the top right. Below the navigation, there is a section titled "what are" followed by "Open Badge Backpack". A circular callout bubble says "Learn more about the DML Badge Competition!". A modal window titled "Open Badge Backpack" is open, displaying a confirmation message: "You added one badge to your backpack." Below this, it says "If you ever want to manage or view your badges, just visit your [Open Badge Backpack](#)." and a blue "Thanks" button. At the bottom of the page, the words "ISSUED", "USED", and "DISPLAYER" are partially visible.

Open Badge Backpack Home Help: On carla@mozillafoundation.org Sign Out mozilla ▾

### Badges




#### Upload Badges

If you have badges you've been awarded, you can upload them manually

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### Groups

New Group   public

**Drag a Badge Here**

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### Badges




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### Groups

   
 public

## Drag a Badge Here


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This is how your portfolio page looks like to the public. Share This Edit this page

## My First Badges

### Mozilla Open Badges badge

#### Badges 101



|                |   |
|----------------|---|
| Issuer Details |   |
| Name           | Open Badges   |
| URL            | <a href="http://badges-101.openbadges.org/">http://badges-101.openbadges.org/</a> |
| Organization   | Experimental Badge Authority  |
| Badge Details  |   |
| Name           | Badges 101  |
| Description    | You really get badges!  |
| Criteria       | <a href="http://openbadges.org/en-US/">http://openbadges.org/en-US/</a>           |


I earned this badge on Mar 5, 2012 when I took a quiz about badges as representations of knowledge, skills and achievements on the <http://openbadges.org> website.

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### Badges




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### Groups

   
 public

**Drag a Badge Here**


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### Badges

 Upload Badge  
If you have badges you can upload them manually.

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#### Badges 101



**Issuer Details**

- Name — Open Badges
- URL — <http://badges-101.openbadges.org/>
- Organization — Experimental Badge Authority

**Badge Details**


- Name — Badges 101
- Description — You really get badges!
- Criteria — <http://openbadges.org/en-US/>

**Issuance Details**

- Recipient — carla@mozillafoundation.org
- Evidence —

Open Badge Backpack Home Help: On carla@mozillafoundation.org Sign Out mozilla

### Badges

 **Upload Badges**  
If you have badges you want to upload them manually.

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#### Badges 101

This will remove the badge from your account. It will also be removed from all groups. The only way to get this badge back will be to go to the place where it was issued ([Open Badges](#)) and get it re-issued.

What's next?

# Open Badges

Q1: public beta

Q3: Improved Ux

Q3: Open Badger

Q3: Improved Displayer API

Q3: Endorsement API

Q4: OBI v1.0



The future.

# Open badges



# Mozilla Open Badges

<http://openbadges.org>  
@OpenBadges



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