Open Education: New Developments, Needs, and Opportunities for Research

June Ahn
Assistant Professor

University of Maryland,
College Park

College of Information Studies
College of Education

Agenda

- Introduce Myself
- Open Education: Why Now?
- The Case of Peer 2 Peer University (P2PU)
- Fruitful Directions

Assistant Professor

http://ahnjune.com/

Design

Implement

Study

CASCI: Center for the Advanced Study of Communities and Information

OCEL Group
Open Communities for Education and Learning
http://casci.umd.edu/impact-domains/ocel/

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coursera
edX
UDACITY

KHAN
ACADEMY

P2PU

StackExchange
A new way to capture,
organize and share information

What's Changed?

- Access
- Bandwidth
- Tools
- Production

What's the Same?

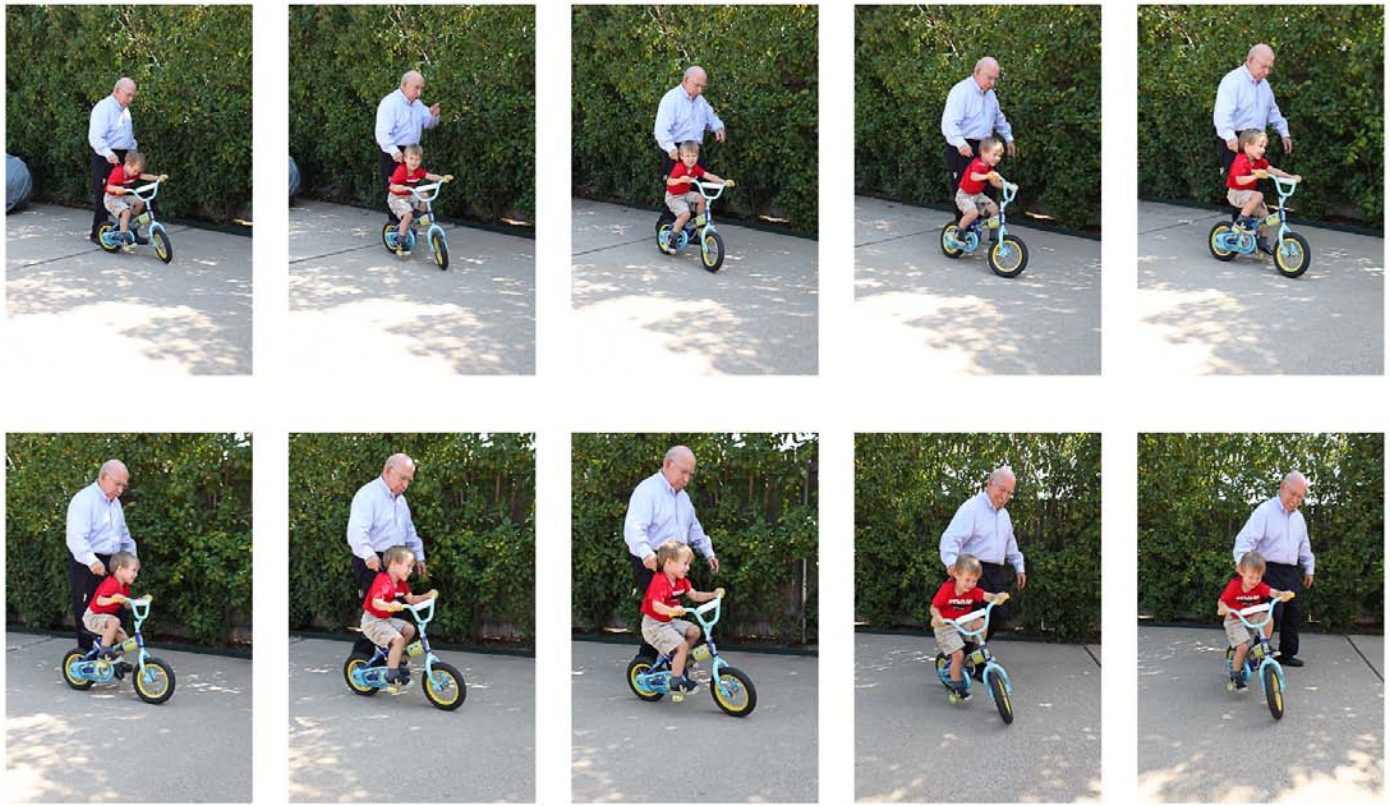
- It's still online **learning**
- Limited by our own imagination

Put another way...

Conditions are Changing

http://www.flickr.com/photos/heathbrandon/3187207970/sizes/o/

Learning Remains



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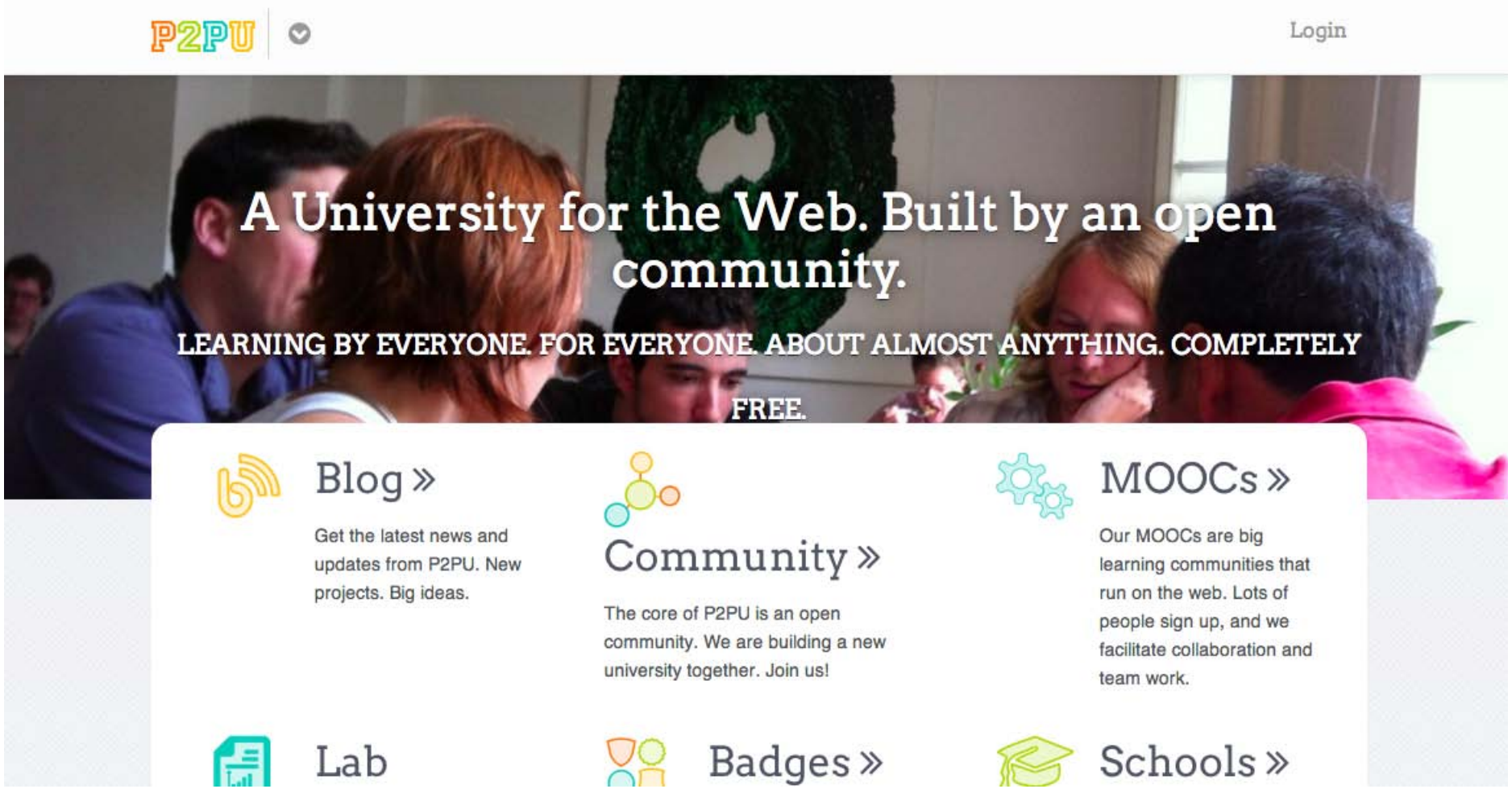
Peer to Peer University

p2pu.org

What is P2PU?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Our MOOCs are big learning communities that run on the web. Lots of people sign up, and we facilitate collaboration and team work.
Lab
Badges »
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Learning is more fun with friends. Work alongside your peers, get help from mentors, or offer your expertise to those in need. Peer-driven study groups and challenges by learners *just like you* are available *right now*. Anyone can become a mentor to provide one-on-one help.

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Free of Charge

Typical developer certification is expensive, out of touch, and out of reach. You can participate in the School of Webcraft for free.

Open Badges

Helpful Feedback Badge

You provided helpful and interesting feedback to a peer while maintaining a respectful tone. You don't hate, you motivate!

Requirements:

You need at least 1 peer to say that you provide helpful and interesting feedback while maintaining a respectful tone.

Other badges you can apply for:

Super Blogger

Creative

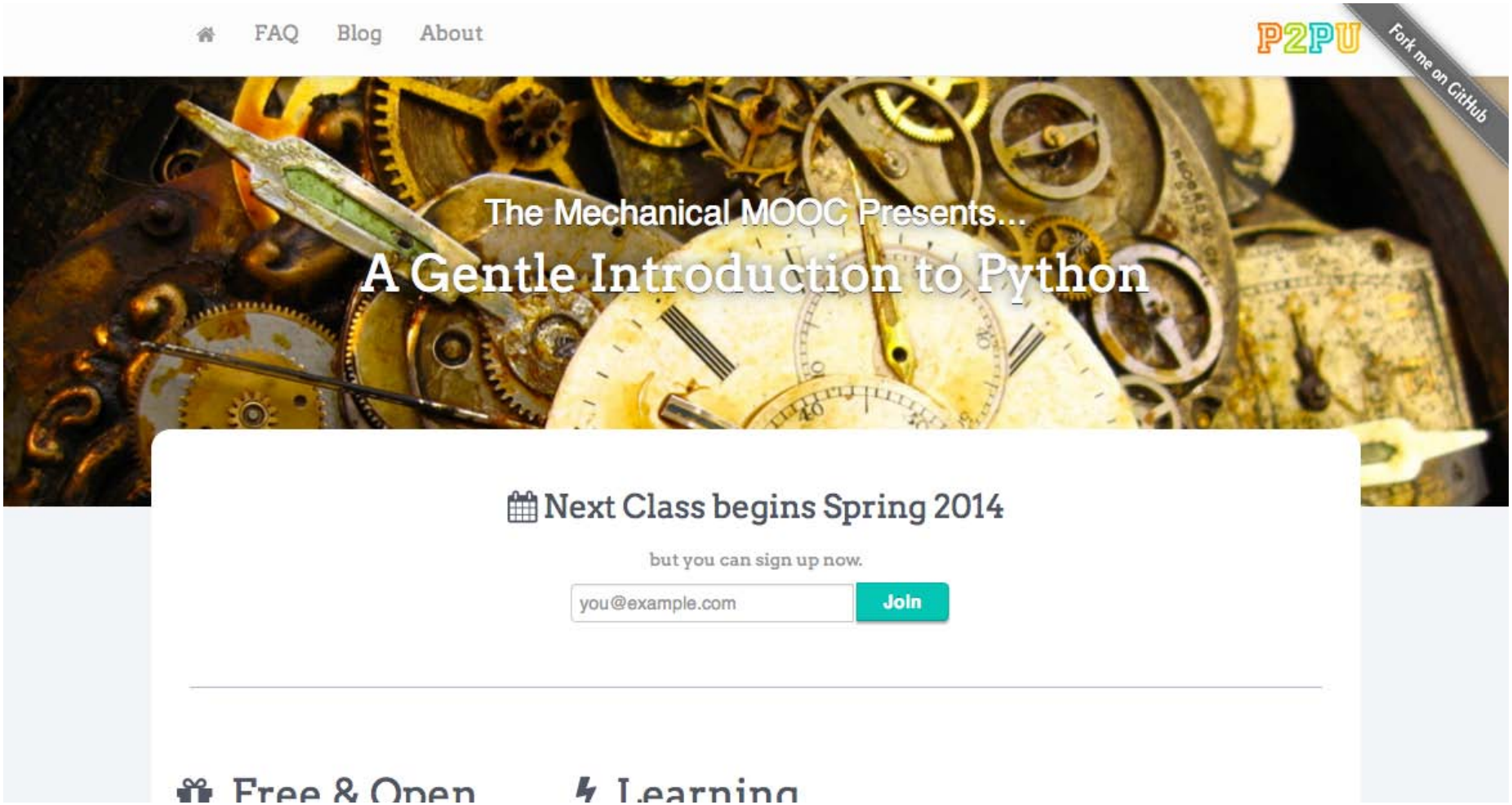
HTML Basic

DNS Basic

Hosting

Open Community

Open Experimentation



Our Project with P2PU

- Data Sharing + Data Science
- Learning Groups in the Mechanical MOOC
- How do Open Learning Communities Function?

How should organizers design courses?

Ahn, J., Weng, C., & Butler, B. S. (2013). The dynamics of open, peer-to-peer learning: What factors influence participation in the P2P University? Proceedings of the 46th Annual Hawaii International Conference on System Sciences

- Seven teacher professional development courses
- ~2-3 organizers
- 20-30 participants
- 20-40 followers
- 600-1000 unidentified visitors
- 7 courses x 13 weeks

(n = 91)

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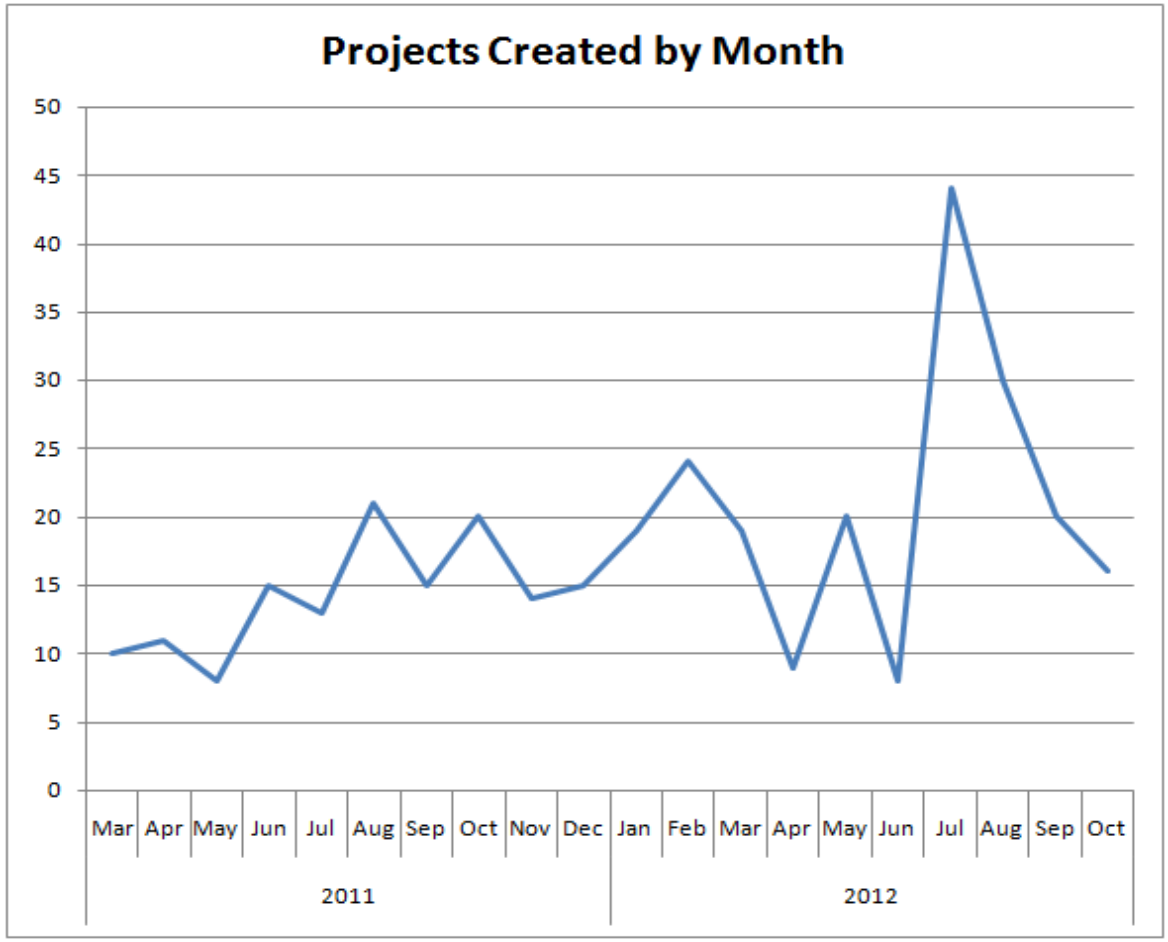
- Organizer Activity -> Important for Returning Members

- Clear prompts -> Important for New Members

What does P2PU Look Like?

Ahn, J., Butler, B. S., Alam, A., & Webster, S. A. (2013). Learner participation and engagement in open online courses: Insights from the Peer 2 Peer University. MERLOT Journal of Online Learning and Teaching, 9(2), 160-171.



Over 2,000 Projects Started

368 (~18%) went “live”

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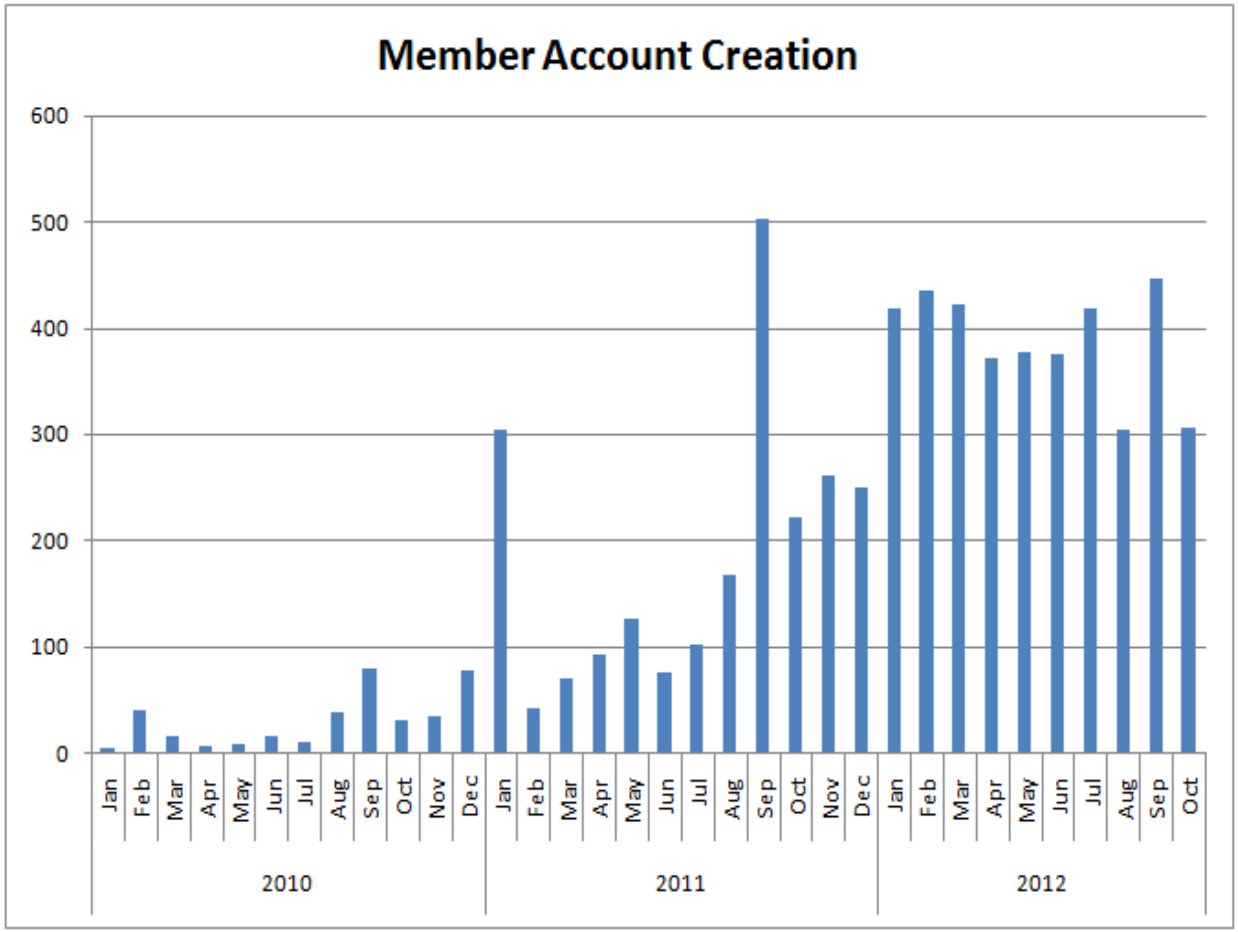


Over 41,000 Registered Learners

6,483 (~16%) returned at least once

Current Work

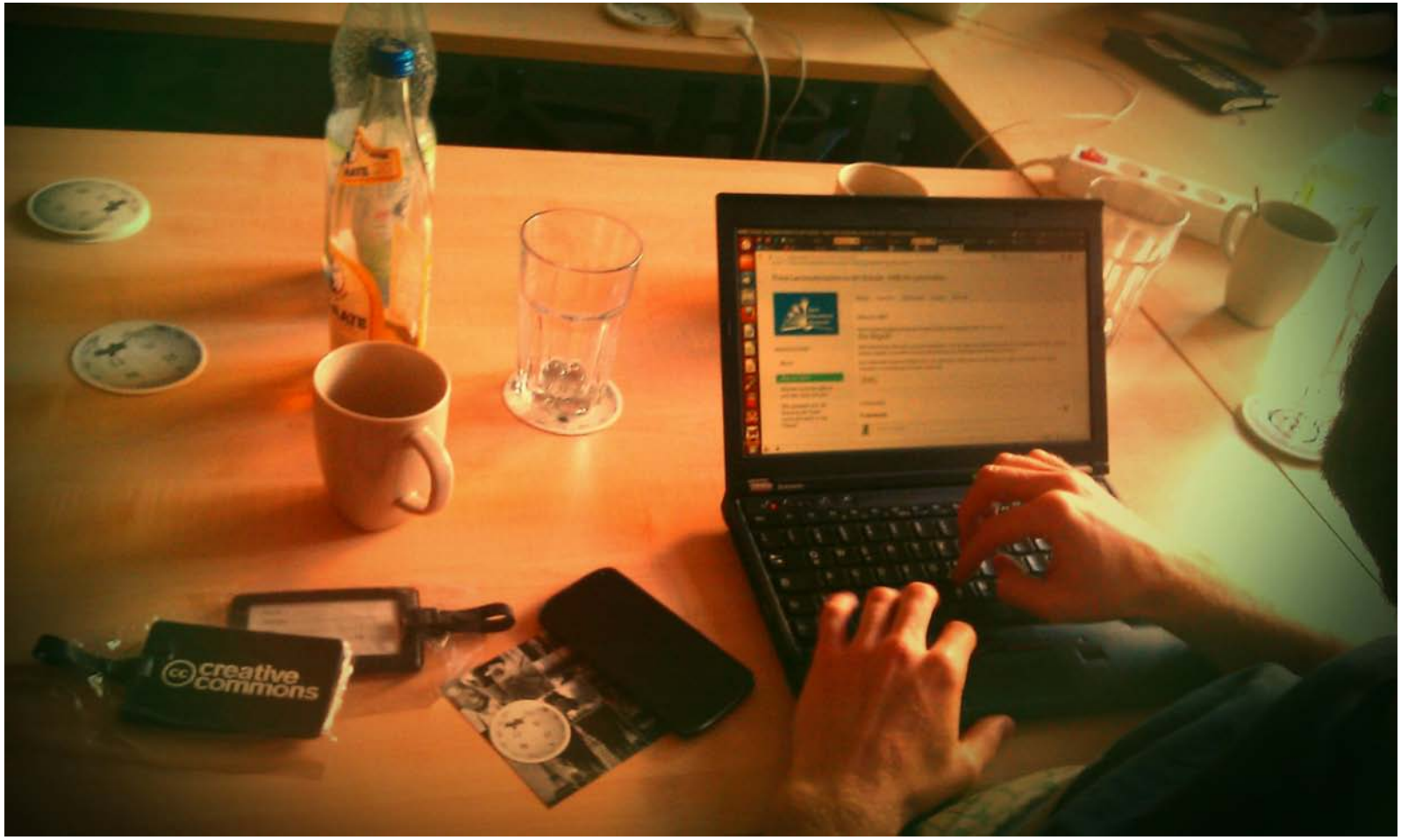
- Ecological Perspective
- Production
  - How to create supply of open learning courses?
  - How to support the organizers?
  - How to design for engagement?

Recreating Education Systems?

Or New Design Patterns?

http://farm9.staticflickr.com/8149/6979916400_4023a000c9_o.jpg

Back to the Learner



OER is Not Enough

- Who is the learner?
- Where do they come from?
- What do they bring to an experience?
- How do they engage? Collaborate?
- What do they gain?
- How do pathways develop?
- Who are we neglecting?

Thank You

June Ahn
@ahnjune
http://ahnjune.com/