

ODL Engineering Update

Wednesday, October 27, 2015



the foreseeable future

- LORE
- CCX
- Teacher Portal
- Annotations
- SGA
- STAR CellBio
- Residential

these slides: <http://tinyurl.com/odleng-update>
project status: <http://tinyurl.com/odleng-projects>

LORE

Learning Objects Repository for Education

- [Version 0.12.0](#) released on 10/27/2015
- All basic features complete:
 - course import
 - faceted search
 - metadata editing
 - preview
 - export

We're up to version 0.12 now and this is in active use by physics. We're at a point where we'd love to see more users. So please get in touch, or just try it out by going to lore.odl.mit.edu

LORE

- more users
- performance improvements
- bug fixes
- analytics integration
- persistent metadata
- versioning
- better edX & studio integration

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CCX

Custom Courses on edX

- in production now on edge.edx.org and edx.org
- still waiting for analytics
- working on gradebook improvements
- scheduling fixes
- better visibility for instructors

CCX is a stealth feature now, but it's available on edge.edx.org and edx.org. So if someone wants to re-use one of your MOOCs now, you don't need to copy it, you don't need to re-run. You just need to turn on the CCX flag and then add them as a coach. We do have plans to monetize this, so it's worth talking to Lisa Schwallie about it first.

Teacher Portal

one stop shopping

- catalog of CCXs available for re-use
- courses for teachers
- OCW educator materials

The teacher's portal gathers together information and content that's of interest to one of the most active segments of our users: teachers. A feature of this portal will be to identify CCX offerings

Annotations

situated annotations: tied to a particular spot in a document,
video, or image

Annotations

Prior art in edX

- [edX "Annotation Problem"](#)
 - course author shares annotations with students
 - text only
- ["Harvard Annotations" on edX](#)
 - students share with each other and instructor
 - allows annotations on text, image and video
 - Harvard moving away from this towards an LTI solution
- [edX Student Notes](#)
 - private student annotations
 - text only

student notes tool is screenreader- and keyboard-accessible

Annotations

Text & Video Prototype

- evaluating Student Notes API for annotation store
- evaluating Discussion API for comments

student notes tool is screenreader- and keyboard-accessible

SGA

Staff-graded assignments

- XBlock now part of edx.org
- not recommended at MOOC-scale
- workflow improvements learned from 24.118x

STAR Cell Bio

- stable sample exercises released
- working on "Assignment Builder" for instructors

MITX Residential

- next edX release 'Dogwood' delayed
- MITx on IS&T
- PDF
- improved Stellar integration
- What else?

28% of respondents in faculty user survey wanted better PDF support.

Stellar integration includes things like grade scaling, non-destructive gradebook updates, reliable synchronization with membership (staff & students)

Further out

ODL Product Council

- MIT online learning portal
- persistent access to residential MITx content
- course atlas
- anonymous MITx / OCW interactive

The ODL product council has identified these as potential projects, but they need to be developed further before we can decide how & whether to pursue them.