ODL Engineering Update

Wednesday, October 27, 2015

these slides: http://tinyurl.com/odleng-update

project status: http://tinyurl.com/odleng-projects

the foreseeable future

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

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

LORE

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

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

Teacher Portal

one stop shopping

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

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

Annotations

Text & Video Prototype

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

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?

Further out

ODL Product Council

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