Fluid 2013 Roadmap

UI Options

- Design
  - user testing
  - new implementable wireframes
- Architecture
  - pluggable preferences and panels
  - support for "wizarding"
- Work with Cloud4all teams who will use and extend it:
  - Floating panel (Astea)
  - Preferences Editor/Wizard (Fraunhofer + CERTH)
- Integration with Preferences server
  - includes support for A4A flat preferences transformation
  - define core A4A terms to avoid the crazier sorts of transformations we do currently
- Mobile and responsiveness

Preferences Server

- Stable integration with UI Options
- Integration with OER Commons and other sites
- Security architecture and road map
  - Integration with OAuth + BDigital's Security Gateway
  - API key system for accessing REST APIs
  - Plan for integrating with Mozilla Persona

Video Player

- Finish the core features
  - Support YouTube videos
  - Awesome-looking fullscreen mode
  - Factoring
  - Bugs
- Determine relationship with UIO and relationship to Infusion
- Integrate everywhere we can

Content Metadata Components

- Automatic generation of metadata
  - extract code and user interface from OER Commons
- Core features:
  - analyse HTML pages for:
    - alt text on images
    - captions for video and audio
    - transcripts for video and audio
- Editing/annotation components
  - Design
  - Build
  - Core features:
    - grade and learning level (select or add new categorization)
    - learning style (same)
    - modes and controls
      - high contrast
      - flexible display
      - keyboard
      - AT API support (i.e. ARIA)
      - I've tested this with an AT? (Link to ask community/vendor for help)
      - alternatives and relationships
    - link to other content, in system or elsewhere
- Harmonize IMS AccessForAll with Registry-based ISO terms

GPII Registry & Unified Listing

- Architecture
  - Basic UI rendering support in "Kettle"
- Build skeleton server and mentor Astea to continue developing it

Web App and Browser-based Personalization
• API for web apps to access preferences locally, anonymously
• Jetpack extension to allow the above in Firefox

Personalized search and browse

• API for indexing pages by metadata?
• search by personal need
• browse by personal need
• search & browse by list of needs
• this is probably the hardest to do generically?

Ongoing Accessibility Support, Design, and Capacity-Building

• Inclusive Learning Handbook
  • advice on ePub accessibility
  • new tutorials
• Continuing to help improve OER Commons' accessibility
• Help PhET with Canvas-based accessibility
• Integration with other OER authoring tools and more

Later for VideoPlayer:

• support for described video
• mobile support, starting with iPad
• audio playback

Design:

1. Finish UIO user testing
   • stable wireframes for implementation
   • support for C4A preferences editing efforts
2. Content metadata user interfaces (feedback in an authoring environment so they can see what needs a resource meets)
   • what do editing or annotation UIs look like?
   • is there anything relevant to UIO designs or Vid. player?
     **any overlap or interaction?
3. Learning to Learn: conceptualize and begin designing
4. Implementation (support development and integration teams with design work)