FLOE
Concept design mindmap

Content types
- Text
  - Tables
  - Plain
- Images
  - Diagrams
  - Pictures
- Audio
- Video
- Links
- Attachments
- Charts & graphs
- Interactives
  - Activities
  - Exercises
  - Tests
- Notation
  - Music
    - Scores
  - Math
    - Equations, formulas

Learning materials
- Lesson plans
- Textbooks
- Reading lists
- Simulations
- Syllabi
- Lectures
- Assignments
- Lecture notes
- Activities

Content structure
- Sections & subsections
- Columns
- Annotations
- References
- Appendices
- Asides

Modular
- Parts together making a unified environment
- Retrofit existing environments with parts

Multi-platform
- Basic phones
  - SMS
  - Dial-in
  - WAP
- Mobile/"Really personal"
  - Smartphones (e.g., iPhone, Android, Blackberry)
    - Web
    - Native
- Desktop/"Personal"
  - Laptop, desktop
    - Web
      - Print
      - Export to PDF
- "Public"
  - Presentations via large display (e.g., projector)

Demand services

Educator-learner two-way
- Learner feeds back into course
  - Help with modal alternatives (crowd sourcing)
  - e.g., Wikipedia
  - Commenting, discussion
- Educator interacting with learner
- Authors can view presentation while authoring

Chassis
- Separation of authoring and presentation environment
  - e.g., Dreamweaver vs. web
- Authoring and presentation in one (unified environment)
  - e.g., LinkedIn
  - e.g., Flickr
- Authoring and presentation mostly together, sometimes separate

Metadata

Inclusive
- Uploader detects media type, encourages alternatives alongside
- Sensory
  - Natural adding of modal alternatives
    - IMAGES Description alongside
      - e.g., Flickr inline descriptions
    - VIDEOS Captioning/description/transcript alongside
      - e.g., YouTube captioning
    - AUDIO Description/transcript alongside
- Cognitive
  - Content prioritization
    - Mark important content
  - Natural creation of well-structured text/content
    - Show structure as it's being built (encourages structure)
- Regional
  - Easy adding of language alternatives
    - Quick switching between languages
- Technology

User preferences
- UI options
- Preferences profile
  - Private
  - Portable profile
  - Multiple profiles

FLOE CONCEPT