

Social:Learn Architecture

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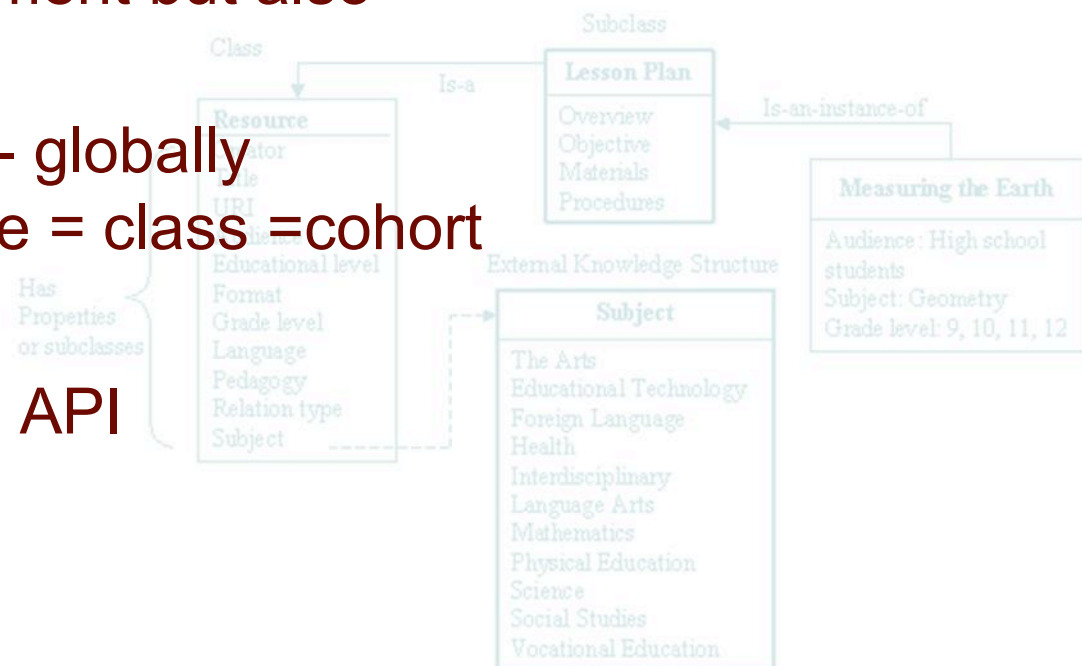
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Technology Drivers

- / Open in more than name
- / Driver is the lowest barrier to adoption
 - / Easy to sign up and start socially learning
 - / Easy to write tools to support learning
- / Developers are our friends
 - / Support for open standards/specifications
 - / Community development
- / Future proof
 - / No design constraints

Information Model

- / Must be fluid and expanding to support community development but also managed
- / No fixed semantics - globally accessible i.e course = class = cohort
- / Community owned
- / Accessible by Open API



Open Services

- / Loosely coupled services bound by a common information model
- / Dynamic assembly of tools and services both internal and external
- / Accessible integration model
- / Simple works!

Open Access to Content

- / Public Data Repositories
 - / Content is Everywhere
- / Public Libraries, Museums
 - / Support for Library Content and Archive Models
- / Publish/Subscribe to Content with Ease
 - / Programmatic Interfaces

OpenLearn



New York Public Library



OCW Initiatives

Multiple Gateways / Interfaces

- / Separation of Architectural Concerns
 - / Support for best practices i.e. Model, View Controller 2
- / Platform Agnostic
 - / Web, Mobile, Gaming Consoles, Portals



mashups



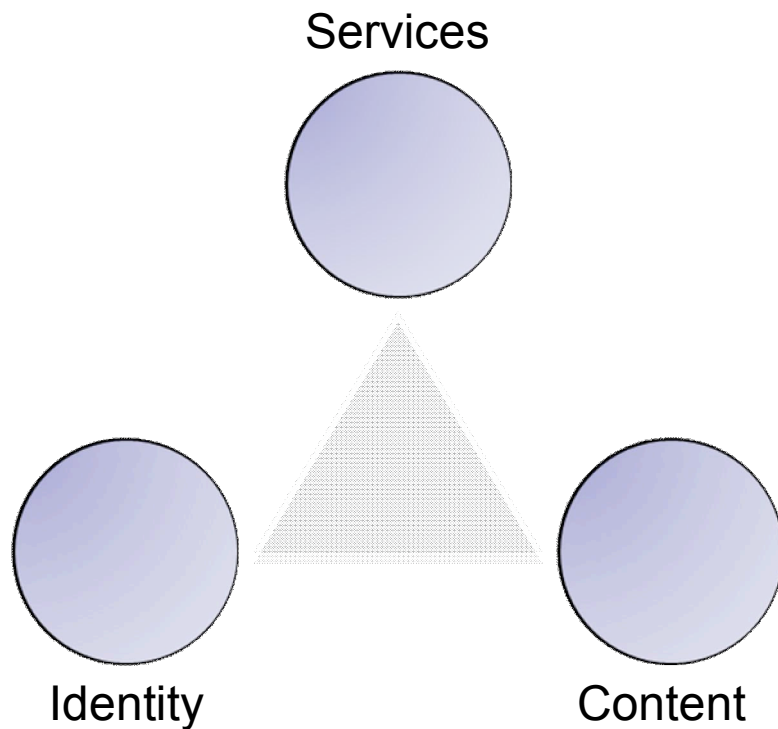
widgets



portals



Trust Network



- How do I know who you are?
- How do I know you are a good teacher?
- How do I know this stuff is any good and legitimate?

Federated Identity Models

- / Support existing initiatives
 - / OpenId, Shibboleth, Liberty, SAML 2.0
- / Support for complex identity structures
- / Secure identity fosters trust
- / Trust brings value
- / Trust network can be fragile
 - / see WOW profile builders

Federated Content Models

- / Licensing and Accreditation
- / Metadata and Taxonomy Models
 - / IEEE LOM, Dublin Core
- / Existing Initiatives
 - / Competition or Partnering Opportunities?
 - / CSU Digital Marketplace, Curriki, Google Scholar, Wikibooks

What is the Experience?

