

Single Record (LRMI) | Taxonomy (SKOS & Competency Index)

# LD4PE TOOLKIT

# Goals

- Lightweight, client-side editors
  - Learning resource editor (tuned for LRMI)
    - Single record editor
  - Taxonomy editor for competency frameworks (ASN) & concept schemes (SKOS)
- No required backend server
- Works offline and online
- Handles all CRUD operations (create, read, update, delete)

# What they are not...

*By intension and design*, these are not  
enterprise-level editors

*By intension and design*, we've resisted the  
"wouldn't it be nice if" impulse

# Features

- Completely client-side (run in browser)—JavaScript
- Uses Angular
  - Some community-developed directives (e.g., support for boot-strap, responsive formatting etc.)
  - Custom directives to support Linked Data
- RDF data serialized as resource-centric JSON
  - Supported by numerous Linked Data libraries
  - Conversion to N3, Turtle etc.
- UUID identifiers generated locally (but 'respects' existing URIs)
- To completely round trip the RDF data:
  - Submit online for hosting
  - Edit directly online

# Demo agenda...

- **First**, the single record, LRMI editor to get a sense of the architecture and interactions
- **Second**, the taxonomy editor