

## Demonstrator at Glamorgan

**Requirement for user-derived (uncontrolled) tags:** seeding the tag cloud with user-derived tags

→ 5 or so study participants tag 100 documents. In this case, that would be their only task in the study. They could use the same user interface as in the main experiment.

→ If not possible, use another method to initially select

**Requirement for user-assigned controlled tags (DDC):** seeding the tag cloud with user-derived tags

→ 5 or so study participants tag 100 documents with terms from DDC, as described below (2.b.). In this case, that would be their only task in the study. They could use the same user interface as in the main experiment.

→ If not possible, use another method to initially select

### 1) Simple interface: uncontrolled tags

Tag cloud based on user-derived tags only (uncontrolled).

- Increased font for more popular ones.
- Show only the most popular ones, the same number as in DDC hierarchical structure (see below)
- In alphabetical order.

*Suggestions when entering a tag:*

- Auto-complete after 2-3 characters and micro delay *subject to time availability*
- Tag normalisation and spelling correction based on comparison with existing tags and/or dictionary (see recent social tagging publications) *subject to time availability*

### 2) Enhanced interface: uncontrolled and DDC tags

Comprising:

- a. Tag cloud with *all* user-assigned tags (both uncontrolled and DDC tags).
  - Increased font for more popular ones.
  - Show only the most popular ones, the same number as in DDC hierarchical structure (see below)
  - In alphabetical order.
- b. DDC hierarchical tree.
  - Segment on politics (320) with its subclasses.
  - Provide a hyperlink to the full tree as well, opening in new window, designed in the same way as 320. *subject to time availability*
  - Try to include all classes in the same interface so that there is no need for clicking around.
    - **Requirement:** determine the number of classes in 320 and make mock-ups to see what is possible to fit in interface.
  - With each class caption, include similar terms: lcsh (X-MT-lcsh), index (X-MT-ddc)
    - **Requirement:** determine how to best achieve this interface-wise – start with mock-ups.

- Each term is easily added as a tag.
  - **Requirement:** determine how to best achieve this interface-wise, e.g. a tiny icon, right-clicking.

*Suggestions when entering a tag:*

- Auto-complete after 2-3 characters and micro delay *subject to time availability*
- Tag normalisation and spelling correction based on comparison with existing tags and/or dictionary (see recent social tagging publications) *subject to time availability*
- Offer micro-hierarchy(ies) surrounding term entered together with related controlled terms as replacement *or/and* addition:
  - Synonyms: captions, LCSH terms (termNote ch, X-MT-lcsh, X-MT-DDC)
  - Broader terms based on relationType for termNote (termNote ch, X-MT-lcsh, X-MT-DDC)
  - Narrower terms based on relationType for termNote (termNote ch, X-MT-lcsh, X-MT-DDC)

Minor issues
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| <ul style="list-style-type: none"> <li>- DDC initial browsing option (depending on how Politics structured in DDC or Intute?)</li> <li>- Auto-classification derived tags based on applying DDC to doc title/description (</li> </ul> |
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