

# Christophe Dupriez

I work for [Destin](#) and for [Belgium Poison Centre](#). I describe my work in a paper published at [DSUG 2007](#).

I also work for [WindMusic](#) where DSpace will manage bibliographic records and music sheets/records descriptions in DSpace.

My current developments are about integrating SKOS Thesauri and Authority Lists in DSpace in order to parameterize:

- Communities and Collections (multilingual names and descriptions)
- Metadata Fields Definitions (multilingual names and supplementary validation parameters: SKOS controlled vocabularies, numbers, e-mail, URI, etc. Allowed languages list)
- Metadata Values:
  - Display and Edit form completely parameterized
  - Content normalized with SKOS concepts codes
  - Indexation expanded using preferred terms, synonyms, translations, broader concepts
- Searches:
  - General Word searches on preferred terms, synonyms and translations
  - Specific searches on concept codes (exact or including narrower)
- Result Sorting

The source for SKOS data can be:

- XML files
- SQL databases (SELECT requests can be defined to assemble SKOS data from any SQL database server around)
  - Static loading at startup time
  - Dynamic (and cached) loading for big Concept Schemes
- CSV files (managed using Excel for instance)

The current result can be seen on [WindMusic](#).

Tests will be done at Poison Centre with the MeSH (with and without the 200 thousands supplementary chemical records) on a basic server (2 Go RAM).

My contact details are on the [Destin](#) site.

Good luck with DSpace!