

IMPORT & EXPORT OF THESAURI

The TMP² Platform (Thesaurus Management Platform, version 2) allows to import and export thesauri under different formats.



The **import function** is accessible on the homepage. It takes into account two exchange formats : SKOS and CSV. The TMP² verifies the structure of the imported files and the semantic coherence of the data, so the import is performed in batch mode.

The TMP² relies on the ISO 25964 standard on thesauri. Three types of hierarchical relations are taken into account: BTG (generic), BTP (partitive) and BTI (instance). These relations do not exist in SKOS and they will be automatically translated in a simple "broader" or "narrower" hierarchical relation.

The CSV files must respect a given structure. Columns must be named according to SKOS labels: prefLabel@en, prefLabel@fr, altLabel@en, scopeNote@en, etc. A template will shortly be available.

SKOS Simple Knowledge Organization System (SKOS) is a W3C recommendation designed for representation of thesauri, classification schemes, taxonomies, subject-heading systems, or any other type of structured controlled vocabulary. SKOS is part of the Semantic Web family of standards built upon RDF and RDFS (Resource Description Framework, <http://www.w3.org/RDF/>), and its main objective is to enable easy publication and use of such vocabularies as linked data.

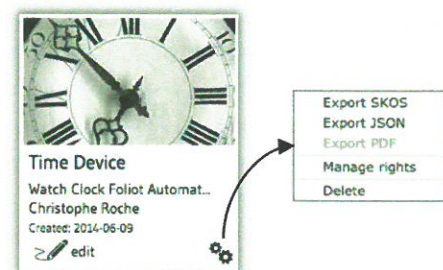
(source: Wikipedia)

CSV or "Comma-Separated values" is an open format in which data are represented in a tabular structure with values separated by commas. A CSV file is a text file where each line of text corresponds to one line in the table and the commas correspond to the separation between the columns. The pieces of text separated by a comma correspond to the content of the table cells (source: Wikipedia).

JSON or "JavaScript Object Notation" is a format for textual data derived from the object notations in JavaScript. It can represent data in a structured way, accompanying information with labels that identify all the different elements. JSON is promoted as a low-overhead alternative to XML (source: Wikipedia).

The **export** of a thesaurus is done by his/her owner from the homepage. It is possible to export in SKOS and JSON.

The JSON format is more complete than the SKOS format, because it includes all the information stored in the thesaurus, more specifically the hierarchical relationships of ISO 25964 (BTG, BTP, BTI) which are not translated in SKOS.



Alignment between SKOS and new ISO 25964 thesaurus standard (2012-12-13)

ISO 25964-1, published in 2011, replaced the previous thesaurus standards ISO 2788 and ISO 5964 (both now withdrawn). Members of the Working Group responsible for ISO 25964 have gone on to consider the implications for SKOS users. They have developed a set of linkages between the elements of the ISO 25964 data model and the ones from SKOS, SKOS-XL, and MADS/RDF. This new "Correspondence between ISO 25964 and SKOS/SKOS-XL models" document can be accessed at <http://www.niso.org/schemas/iso25964/> and replaces the previous table presented in the SKOS Primer.