

KOKO ontology

KOKO is a collection of Finnish core ontologies, which have been merged together into an ontology cloud. List of the currently included ontologies is

- [AFO](#) - Natural resource and environment ontology
- [JUHO](#) - Finnish Ontology for Public Administration
- [JUPO](#) - Finnish Ontology for Public Administration Services
- [KAUNO](#) - ontology for fiction
- [KITO](#) - Kirjallisuudentutkimuksen ontologia
- [KTO](#) - Kielitieteen ontologia
- [KULO](#) - Kulttuurien tutkimuksen ontologia
- [LIKO](#) - Liikenteen ontologia
- [LIITO](#) - Liiketoimintaontologia
- [MAO/TAO](#) - Ontology for Museum Domain and Applied Arts
- [MUSO](#) - Ontology for Music
- [SOTO](#) - Sotatieteen ontologia
- [TERO](#) - Finnish Ontology of Health and Welfare
- [TSR](#) ontology
- [VALO](#) - The Finnish Ontology of Photography
- [YSO](#) - General Finnish ontology

Availability

- User interface: [Finto/KOKO](#)
- Data downloads:
 - RDF serializations: [Turtle](#) and [RDF/XML](#)
 - APIs, Linked Data, [Finto REST API](#)
- Koko is maintained by the [Finto service](#) at the National Library of Finland. It is currently updated a few times per year.
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Identifiers

- Namespace for the KOKO concept URIs is <http://www.ys.fi/onto/koko/>
- Wikidata item: [Q107539699](#)
- LoC and MARC vocabularies ID: [subjectSchemes/koko](#)
- BARTOC ID: [917](#)

History

The KOKO ontology was originally developed in the FinnONTO project at the SeCo group with a group of organizations:

- [FinnONTO Consortium](#)
- [National Library of Finland](#)
- [Semantic Computing Research Group \(SeCo\)](#)
- [The Finnish Terminology Centre TSK](#)

The history and earlier phases of the KOKO ontology have been described at <http://www.seco.tkk.fi/ontologies/koko/> where it was named as *the Finnish Collaborative Holistic Ontology*.

Publications related to KOKO

- [Automated tools for propagating a common hierarchy from a set of vocabularies](#) (PDF) by Joeli Takala (2020). A presentation at the SWIB20 conference.
- [Linked open ontology cloud: managing a system of interlinked cross-domain lightweight ontologies](#) by M Frosterus, J Tuominen, S Pessala, E Hyvönen (2015). International Journal of Metadata, Semantics and Ontologies 10 (3), 189-201
- [Linked Open Ontology Cloud KOKO—Managing a System of Cross-Domain Lightweight Ontologies](#) by Frosterus M., Tuominen J., Pessala S., Seppälä K., Hyvönen E. (2013) In: Cimiano P., Fernández M., Lopez V., Schlobach S., Völker J. (eds) The Semantic Web: ESWC 2013 Satellite Events. Lecture Notes in Computer Science, vol 7955. Springer, Berlin, Heidelberg.