# Knowledge Organizations published as Linked Open Data

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1 Introduction
This is an experimental linked open data release of the knowledge organizations identified by MARC organization codes and/or International Standard Identifier for Libraries and related organizations (ISILs).

This document describes the model used, which it illustrates with diagrams and sample data in Turtle (https://www.w3.org/TR/turtle/)

Please note that the URIs used in the dataset are provisional and do not currently resolve.

2 Model & examples

List of ontologies used
@prefix dcterms:<http://purl.org/dc/terms/> .
@prefix foaf:<http://xmlns.com/foaf/0.1/> .
@prefix owl:<http://www.w3.org/2002/07/owl#> .
@prefix rdf:<http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
@prefix rdfs:<http://www.w3.org/2000/01/rdf-schema#> .
@prefix schema:<http://schema.org/> .
@prefix void:<http://rdfs.org/ns/void#> .
@prefix xsd:<http://www.w3.org/2001/XMLSchema#> .

The dataset is linked to one external resource:
- Geonames URIs, e.g. http://sws.geonames.org/[value]/
  At the level of England, Northern Ireland, Scotland, Wales and Crown Dependencies and Overseas Territories, e.g. Bermuda, Jersey.

Example 1: Standard description - Royal Horticultural Society

<https://id.data.bl.uk/id/organization/uklorhs> a schema:Organization ;
schema:name "Royal Horticultural Society" ;
schema:alternateName "RHS" ;
schema:identifier [
The output also include statements about the serializations.

<https://id.data.bl.uk/doc/organization/uklorhs.rdf> a foaf:Document ;
<foaf:primaryTopic> <https://id.data.bl.uk/id/organization/uklorhs> ;
<void:inDataset> <https://id.data.bl.uk/data/KnowledgeOrganizations> ;
<dcterms:license> <https://creativecommons.org/publicdomain/zero/1.0/> .

<https://id.data.bl.uk/doc/organization/uklorhs.nt> a foaf:Document ;
<foaf:primaryTopic> <https://id.data.bl.uk/id/organization/uklorhs> ;
<void:inDataset> <https://id.data.bl.uk/data/KnowledgeOrganizations> ;
<dcterms:license> <https://creativecommons.org/publicdomain/zero/1.0/> .
Example 2: Deprecated code - Edinburgh Public Library

The code UkE was deprecated following the revision of assignment rules for UK organizations.

<https://id.data.bl.uk/id/organization/stedpl> a schema:Organization;
    schema:name "Edinburgh Public Library";
    schema:identifier [
        a schema:PropertyValue;
        schema:name "MARC organization code";
        schema:value "StEdPL"
    ];
    schema:address [
        a schema:PostalAddress;
        schema:streetAddress "George IV Bridge";
        schema:addressLocality "Edinburgh";
        schema:postalCode "EH1 1EG";
        schema:addressRegion "Scotland";
        schema:addressCountry "United Kingdom"
    ].

<https://id.data.bl.uk/id/organization/uke> a schema:Organization;
    schema:name "Edinburgh Public Library";
    schema:identifier [
        a schema:PropertyValue;
        schema:name "MARC organization code";
        schema:value "UkE"
    ];
    owl:deprecated "true"^^xsd:boolean;
    rdfs:SeeAlso <https://id.data.bl.uk/id/organization/stedpl>;
    rdfs:comment "This identifier is deprecated. See rdfs:seeAlso redirect link for new identifier".
Example 3: Two libraries merge – Aga Khan Library
The library of the Institute for the Study of Muslim Civilisations and the library of the Institute of Ismaili Studies merge into the Aga Khan Library.

Library 1: Institute for the Study of Muslim Civilisations

<https://id.data.bl.uk/id/organization/ukloismc> a schema:Organization;
   schema:name "Institute for the Study of Muslim Civilisations";
   schema:alternateName "ISMC";
   schema:identifier [ a schema:PropertyValue;
       schema:name "MARC organization code";
       schema:value "UkLoISMC"
   ];
   schema:address [ a schema:PostalAddress;
       schema:streetAddress "210 Euston Road";
       schema:addressLocality "London";
       schema:postalCode "NW1 2DA";
       schema:addressRegion "England";
       schema:addressCountry "United Kingdom"
   ];
   rdfs:comment "Obsolete from 22/04/2014";
   dcterms:isReplacedBy <https://id.data.bl.uk/id/organization/ukloj>.

Library 2: Institute of Ismaili Studies

<https://id.data.bl.uk/id/organization/uklois> a schema:Organization;
   schema:name "Institute of Ismaili Studies";
   schema:alternateName "IIS";
   schema:identifier [ a schema:PropertyValue;
       schema:name "MARC organization code";
       schema:value "UkLoIIS"
};
schema:address [
  a schema:PostalAddress;
  schema:streetAddress "210 Euston Road";
  schema:addressLocality "London";
  schema:postalCode "NW1 2DA";
  schema:addressRegion "England";
  schema:addressCountry "United Kingdom";
];
  rdfs:comment "Obsolete from 22/04/2014";
dcterm:isReplacedBy <https://id.data.bl.uk/id/organization/ukloj>.

Library 3: Aga Khan Library

<https://id.data.bl.uk/id/organization/ukloj> a schema:Organization;
  schema:name "Aga Khan Library";
  schema:alternateName "IIS-ISMJC Joint Library";
  schema:alternateName "Library of the Institute of Ismaili Studies and the Institute for the Study of Muslim Civilisations (Aga Khan University) ";
  schema:identifier [
    a schema:PropertyValue;
    schema:name "MARC organization code";
    schema:value "UkLoJL"
  ];
  schema:identifier [
    a schema:PropertyValue;
    schema:propertyID <http://www.wikidata.org/entity/Q470458>;
    schema:value "GB-kLoJL"
  ];

  schema:address [
    a schema:PostalAddress;
    schema:streetAddress "10 Handyside Street";
    schema:addressLocality "London";
  ];

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schema:postalCode "N1C 4DN";
schema:addressRegion "England";
schema:addressCountry "United Kingdom";
}

Knowledge Organizations – obsolete organizations (e.g. merges)