

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/\[value\]/](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 [
```

```

        a schema:PropertyValue ;
        schema:name "MARC organization code" ;
        schema:value "UkLoRHS"
];
schema:identifier [
    a schema:PropertyValue ;
    schema:propertyID <http://www.wikidata.org/entity/Q470458> ;
    schema:value "GB-UkLoRHS"
];
    schema:address [
        a schema:PostalAddress ;
        schema:streetAddress "80 Vincent Square" ;
        schema:addressLocality "London" ;
        schema:postalCode "SW1P 2PE" ;
schema:addressRegion "England" ;
        schema:addressCountry "United Kingdom"
    ];
    schema:location <http://sws.geonames.org/6269131/> .

```

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/> .

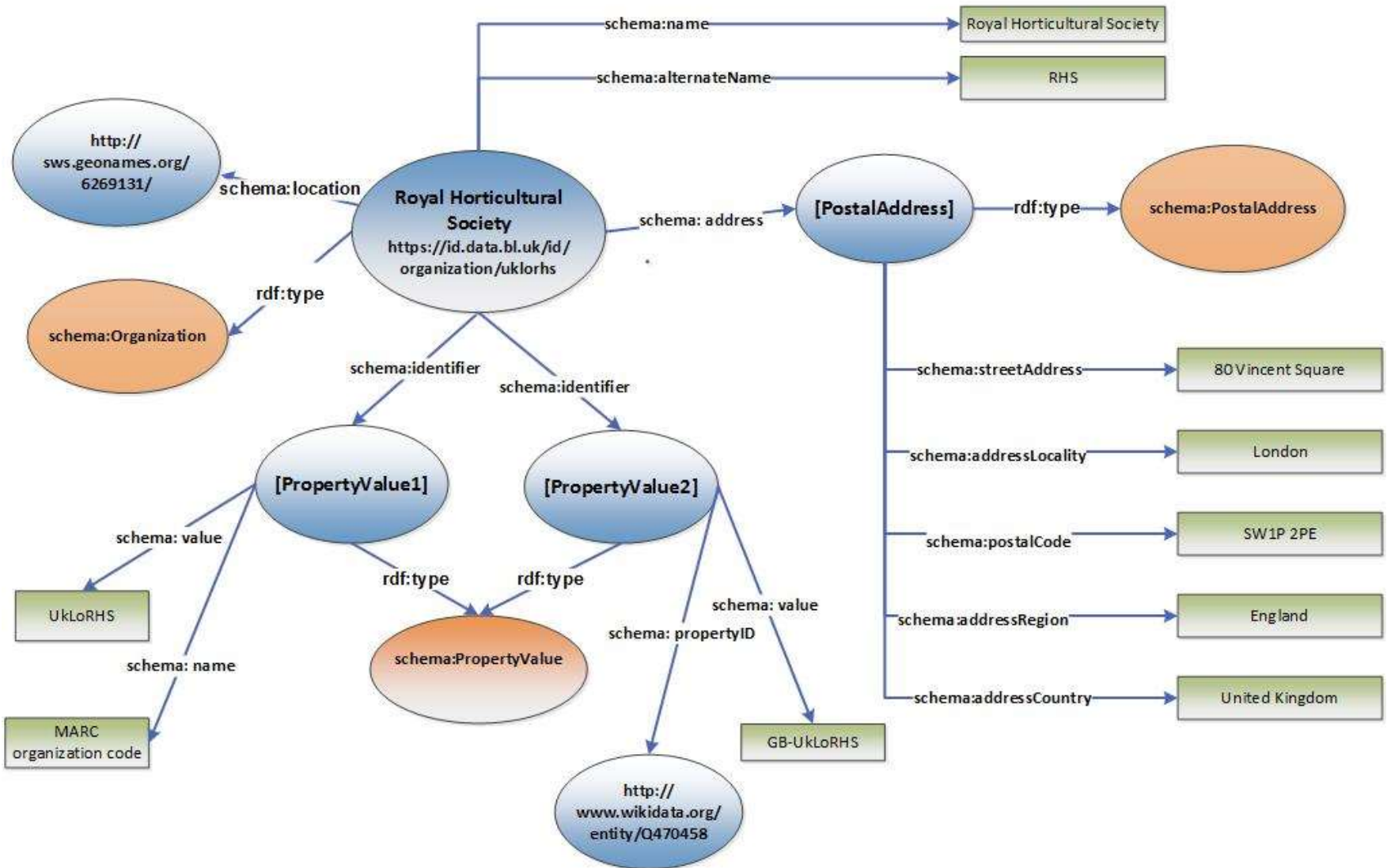
```

```

<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/> .

```

Knowledge Organizations



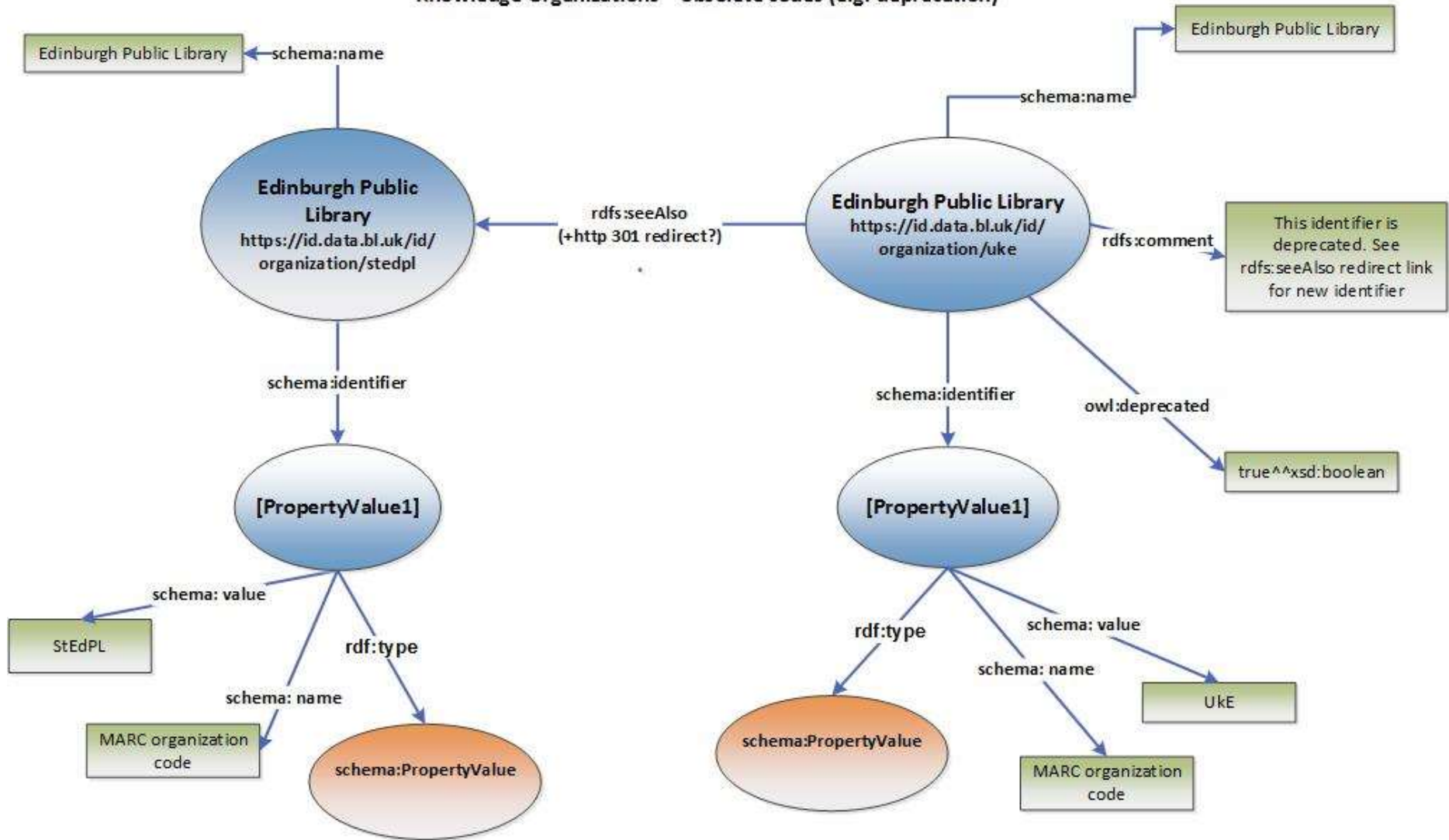
Example 2: Deprecated code - Edinburgh Public Library

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" .
```

Knowledge Organizations – obsolete codes (e.g. deprecation)



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" ;
dcterms: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-ISMC 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" ;

```



```
schema:postalCode "N1C 4DN" ;  
schema:addressRegion "England" ;  
schema:addressCountry "United Kingdom";  
];  
dcterms:replaces <https://id.data.bl.uk/id/organization/ukloismc> , <https://id.data.bl.uk/id/organization/uklois> .
```

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

