



UK ELI Implementation

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21 March 2016

European Legislation Identifier (ELI)

- **URI Scheme – Pillar 1**
- **ELI Metadata – Pillar 2 & 3**

URI Scheme Design Principles

- **What things need a URI?**
- **What should the URIs look like?**

Addressable Objects

Introductory Text

PART 1 General

1. Citation and commencement

PART 2 Limits and thresholds for National Insurance contributions

2. Amendment of upper profits limit for Class 4 National Insurance contributions
3. Amendments to the Social Security (Contributions) Regulations 2001
4. In regulation 10 (earnings limits and thresholds)—
5. In regulation 11 (prescribed equivalents)— (a) in paragraph (1)—

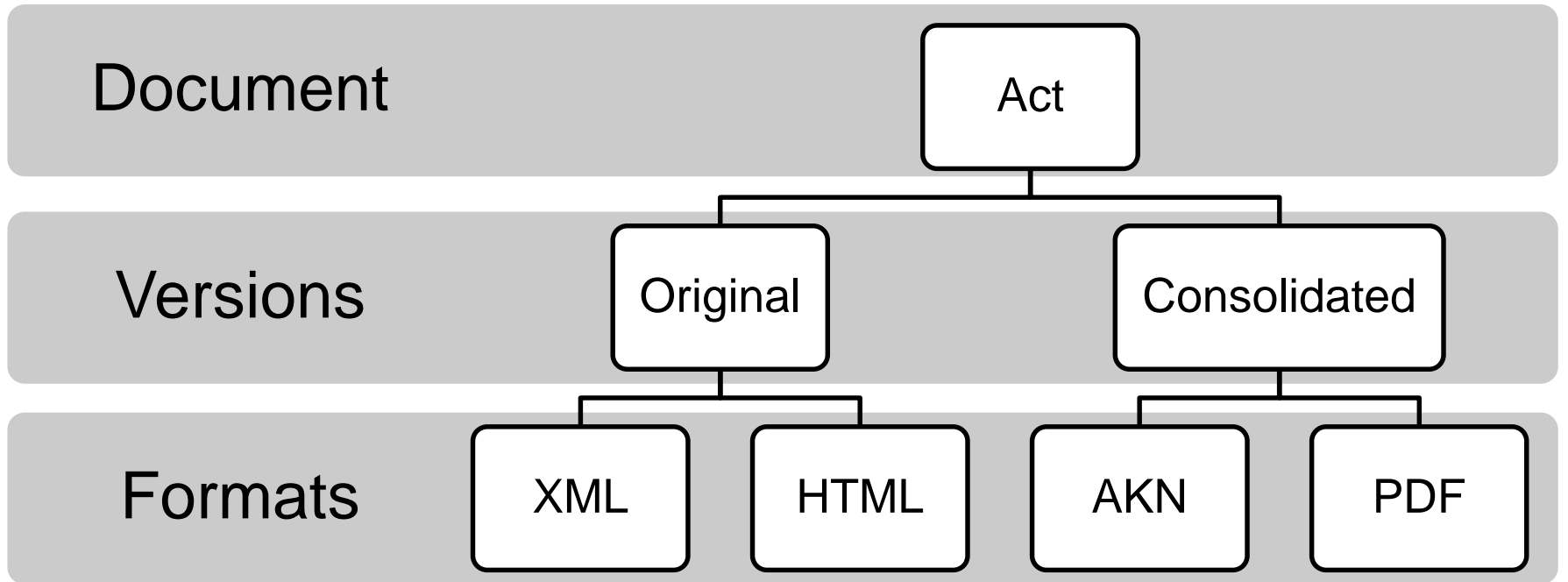
PART 3 National Insurance Funds

6. Prescribed percentage of estimated benefit expenditure – Great Britain
7. Prescribed percentage of estimated benefit expenditure – Northern Ireland

Signature

Explanatory Note

Addressable Objects



URI Components

.../type/year/number/section/version/format

.../ukpga/1990/8/section/108/2A

.../uksi/2015/598

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- (a)** 1990 c. 8; section 108(2A), (3C), (5) and (6) were inserted by amendments to section 108 which are not relevant to these R
 - (b)** S.I. 2015/598.

Benefits of the URI Scheme

With a good URI scheme it's easier to ...

- **Build a legislation website API**
- **Express consistency across internal systems**
- **Facilitate linking and data reuse**
- **Relate your data to other standards**

XML Metadata

```
www.legislation.gov.uk/ukpga/2010/1/data.xml
```

```
- <ukm:PrimaryMetadata>  
  - <ukm:DocumentClassification>  
    <ukm:DocumentCategory Value="primary"/>  
    <ukm:DocumentMainType Value="UnitedKingdomPublicGeneralAct"/>  
    <ukm:DocumentStatus Value="revised"/>  
  </ukm:DocumentClassification>  
  <ukm:Year Value="2010"/>  
  <ukm:Number Value="1"/>  
  <ukm:EnactmentDate Date="2010-01-21"/>  
  <ukm:ISBN Value="9780105401100"/>  
</ukm:PrimaryMetadata>
```


RDF Metadata

```
www.legislation.gov.uk/ukpga/2010/1/data.rdf
```

- `<rdf:RDF xml:lang="en">`
- `<rdf:Description rdf:about="http://www.legislation.gov.uk/id?title=Video%20Recordings%20Act%202010">`
 - `<owl:sameAs rdf:resource="http://www.legislation.gov.uk/id/ukpga/2010/1"/>`
 - `</rdf:Description>`
- `<frbr:Work rdf:about="http://www.legislation.gov.uk/id/ukpga/2010/1">`
 - `<rdf:type rdf:resource="http://www.metalex.eu/metalex/2008-05-02#BibliographicWork"/>`
 - `<rdfs:label>Video Recordings Act 2010</rdfs:label>`
 - `<rdfs:isDefinedBy rdf:resource="http://www.legislation.gov.uk/ukpga/2010/1"/>`
 - `<foaf:isPrimaryTopicOf rdf:resource="http://www.legislation.gov.uk/ukpga/2010/1"/>`
 - `<frbr:realization rdf:resource="http://www.legislation.gov.uk/ukpga/2010/1"/>`
 - `<metalex:realizedBy rdf:resource="http://www.legislation.gov.uk/ukpga/2010/1"/>`
 - `<foaf:isPrimaryTopicOf rdf:resource="http://www.legislation.gov.uk/ukpga/2010/1/england"/>`

Linked Data API

```
-<rdf:RDF>  
-<rdf:Description rdf:about="https://www.thegazette.co.uk/id/notice/2499104">  
  <publication:hasPublicationDate rdf:datatype="http://www.w3.org/2001/XMLSchema#dateTime">2016-03-14T00:00:01</publication:hasPublicationDate>
```

RDF/XML RDF/JSON Turtle Simple JSON Simple XML HTML

```
</dc:publisher>  
<rdf:type rdf:resource="https://www.thegazette.co.uk/def/companies-partnerships#PartnershipLimitedNotice"/>  
<rdf:type rdf:resource="https://www.thegazette.co.uk/def/publication#Notice"/>  
<rdf:type rdf:resource="https://www.thegazette.co.uk/id/notice/2499104#notifiableThing"/>  
<prov:has_provenance rdf:resource="https://www.thegazette.co.uk/id/notice/2499104/provenance"/>  
<foaf:isPrimaryTopicOf rdf:resource="https://www.thegazette.co.uk/notice/2499104/data.rdf?view=linked-data"/>  
</rdf:Description>
```

?view=linked-data

```
-<rdf:Description rdf:about="https://www.thegazette.co.uk/id/notice/2499104#notifiableThing">  
  <publication:relatedDate rdf:datatype="http://www.w3.org/2001/XMLSchema#date">2016-03-10</publication:relatedDate>  
  <publication:relatedDate rdf:datatype="http://www.w3.org/2001/XMLSchema#date">2016-03-14</publication:relatedDate>  
  <publication:dateAuthorisationSigned rdf:datatype="http://www.w3.org/2001/XMLSchema#date">2016-03-10</publication:dateAuthorisationSigned>  
  <publication:relatedLegislation rdf:resource="http://www.legislation.gov.uk/id/ukpga/Edw7/7/24"/>  
  <publication:hasAuthoriser rdf:resource="https://www.thegazette.co.uk/id/notice/2499104#authoriser"/>  
  <rdf:type rdf:resource="https://www.thegazette.co.uk/def/publication#NotifiableThing"/>  
  <rdf:type rdf:resource="https://www.thegazette.co.uk/def/legislation#Legislation"/>  
  <rdf:type rdf:resource="https://www.thegazette.co.uk/def/companies-partnerships#PartnershipLimitedNotice"/>  
  <insolvency:hasPrimaryIP rdf:resource="https://www.thegazette.co.uk/id/notice/2499104#primaryIP"/>  
  <publication:hasCompany rdf:resource="https://www.thegazette.co.uk/id/notice/2499104#company"/>
```

 [Linked data view](#)

Questions?



www.legislation.gov.uk

URI Scheme

URI Scheme Overview

- There are three types of URIs used on <http://www.legislation.gov.uk> to represent legislation:
 1. Identifier URIs
 2. Document URIs
 3. Representation URIs

Identifier URIs

Identifier URIs generally follow the template:

`http://www.legislation.gov.uk/id/{type}/{year}/{number}[/{section}]`

The legislation type, year and series number are the components required to uniquely identify an item of UK legislation, e.g. the identifier URI for Act of the Scottish Parliament 2014, number 2 is:

<http://www.legislation.gov.uk/id/asp/2014/2>

The identifier URI for section 3 of the same document is:

www.legislation.gov.uk/id/asp/2014/2/section/3

Identifier URIs

This type of URI relates to the Functional Requirements for Bibliographic Records (FRBR) concept of a “work”. It refers to all versions and formats of the legislation document (or section).

In practice navigating to an identifier URI will result in a redirection to an appropriate document URI.

<http://www.legislation.gov.uk/id/asp/2014/2>



<http://www.legislation.gov.uk/asp/2014/2>

Document URIs

Document URIs are used to refer to a particular version of an item of legislation, they generally follow the template:

```
http://www.legislation.gov.uk/{type}/{year}/{number}
[/{section}][/{authority}][/{extent}][/{version}]
```

Legislation changes over time as amendments to it are applied, e.g. the consolidated version of the Pesticides Act 1998 (c. 26) that was valid on 2005-01-01:

www.legislation.gov.uk/ukpga/1998/26/2005-01-01

This type of URI relates to the Functional Requirements for Bibliographic Records (FRBR) concept of an “expression”.

In practice navigating to an identifier URI will result in a redirection to an appropriate representation URI.

Document URIs

In some cases versions of legislation from different publishers are available. The publishing authority can also be explicitly specified:

<http://www.legislation.gov.uk/nia/2000/5/sld>

Some legislation is available in more than one language, e.g. the welsh version is:

<http://www.legislation.gov.uk/wsi/2014/595/made/welsh>

Document URIs

Options are also provided to describe versions that appear without any consolidation , e.g. the version is as made or enacted:

<http://www.legislation.gov.uk/ukpga/2014/1/enacted>

Provision for different versions of legislation applying for different areas of the UK, e.g. the geographical extent of this versions is Scotland:

<http://www.legislation.gov.uk/ukpga/1981/69/section/16/scotland>

Versions containing amendments or text that has yet to come into force, e.g. the legislation version is prospective:

[http:// www.legislation.gov.uk/ukpga/2013/23/prospective](http://www.legislation.gov.uk/ukpga/2013/23/prospective)

Representation URIs

Representation URIs are used to refer to a particular format of an item of legislation, they generally follow the template:

```
http://www.legislation.gov.uk/{type}/{year}/{number}
[/{section}][/{authority}][/{extent}][/{version}]/data.ext
```

Available formats are:

- XML conforming to the Crown Legislation Mark-up Language (CLML)
e.g. <http://www.legislation.gov.uk/ukpga/2010/1/data.xml>
- XHTML generated from the CLML XML
e.g. <http://www.legislation.gov.uk/ukpga/2010/1/data.htm>
- PDF generated from the CLML XML
e.g. <http://www.legislation.gov.uk/ukpga/2010/1/data.pdf>
- Akoma Ntoso XML generated from the CLML XML
e.g. <http://www.legislation.gov.uk/ukpga/2010/1/data.akn>
- HTML5 serialisation of the Akoma Ntoso XML
e.g. <http://www.legislation.gov.uk/ukpga/2010/1/data.html>

Representation URIs

Additionally there are URIs for RDF metadata and feeds for search results:

- RDF metadata about the legislation
e.g. <http://www.legislation.gov.uk/ukpga/2010/1/data.rdf>
- ATOM legislation lists for search results
e.g. <http://www.legislation.gov.uk/ukpga/2010/data.feed>

Representation URIs relate to the Functional Requirements for Bibliographic Records (FRBR) concept of a “manifestation”.

Identifier and Document URIs redirect to representation URIs. Unless another version is explicitly specified the representation returned is always the xhtml for the most recent consolidated version of the document available.

