

BNB Example Queries

A collection of example sparql queries for use with the British National Bibliography Linked Data, visualized by the ViziQuer tool.

The sparql queries available at <http://ldodds.github.io/bnb-queries/>

The public SPARQL endpoint for the dataset can be found at: <https://bnb.data.bl.uk/sparql>

The following list contains only SELECT queries.

Number	SPARQL query	ViziQuer query	Comment
1. Find a book based on its ISBN http://ldodds.github.io/bnb-queries/find-by-isbn.html	<pre> PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#> SELECT ?uri WHERE { #Match any resource that has the specific property and value ?uri bibo:isbn10 "0261102214". }</pre>	 <pre> uri isbn10 = "0261102214" (select this)</pre>	
2. Find a serial based on its ISSN http://ldodds.github.io/bnb-queries/find-by-issn.html	<pre> PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#></pre>	 <pre> uri bibo:issn = "1356-0069" (select this)</pre>	

```
SELECT ?uri WHERE {
  ?uri bibo:issn "1356-0069".
}
```

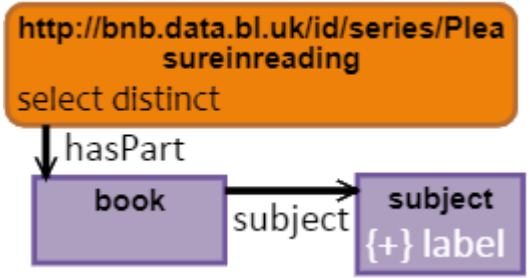
3. Find the subject categories associated with books in a series. <http://ldodds.github.io/bnb-queries/find-categories-for-a-series.html>

```
PREFIX bio: <http://purl.org/vocab/bio/0.1/>
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#>
PREFIX dct: <http://purl.org/dc/terms/>
PREFIX event: <http://purl.org/NET/c4dm/event.owl#>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#>
PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/>
PREFIX org: <http://www.w3.org/ns/org#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rda: <http://RDVocab.info/ElementsGr2/>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX skos: <http://www.w3.org/2004/02/skos/core#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

SELECT DISTINCT ?label WHERE {
  <http://bnb.data.bl.uk/id/series/Pleasureinreading> dct:hasPart ?book.

  ?book dct:subject ?subject.

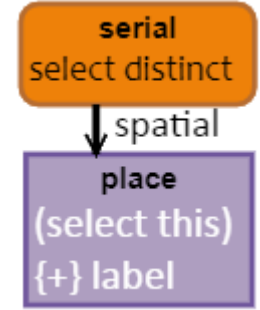
  ?subject rdfs:label ?label.
}
```



4. Find the locations in which serials have been published. <http://ldodds.github.io/bnb-queries/find-regions-from-serials.html>

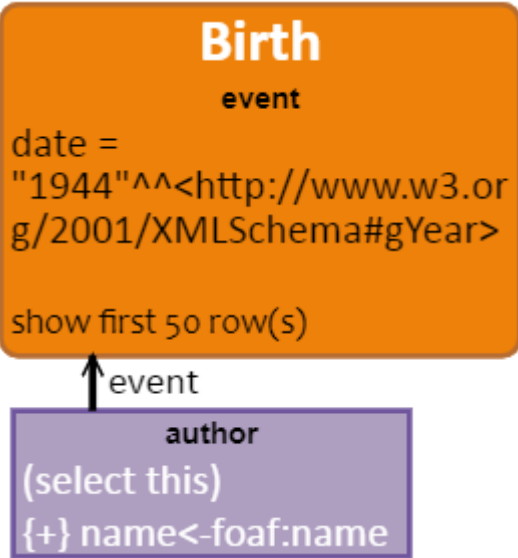
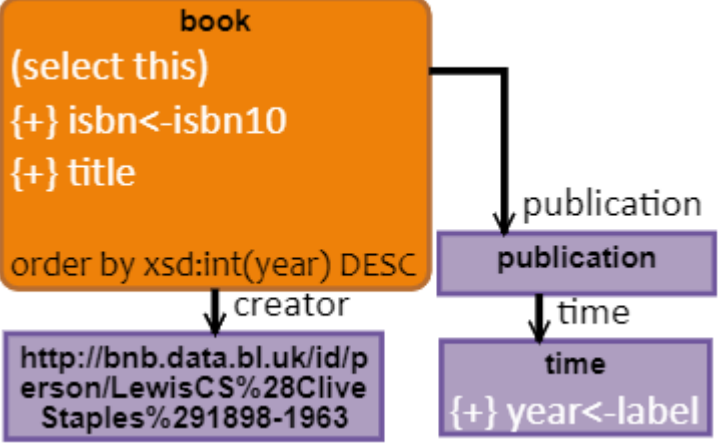
```
PREFIX bio: <http://purl.org/vocab/bio/0.1/>
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#>
PREFIX dct: <http://purl.org/dc/terms/>
PREFIX event: <http://purl.org/NET/c4dm/event.owl#>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#>
PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/>
PREFIX org: <http://www.w3.org/ns/org#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rda: <http://RDVocab.info/ElementsGr2/>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX skos: <http://www.w3.org/2004/02/skos/core#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

SELECT DISTINCT ?place ?label WHERE {
```



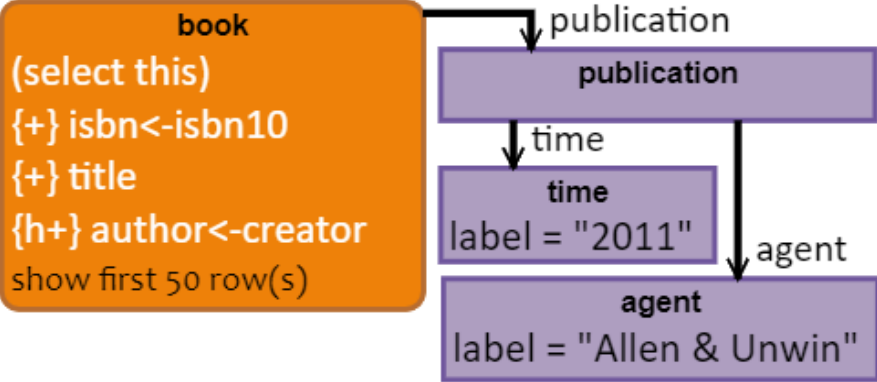
	<pre>?serial dct:spatial ?place. ?place rdfs:label ?label. }</pre>		
<p>5. Find a list of series in which an authors books have been featured http://ldodds.github.io/bnb-queries/find-series-by-author.html</p>	<pre>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#> SELECT DISTINCT ?series ?label WHERE { ?book dct:creator ?author. ?author foaf:name "J. R. R. Tolkien". ?series dct:hasPart ?book; rdfs:label ?label. }</pre>		
<p>6. Select an author based on the ISBN of one of their books. http://ldodds.github.io/bnb-queries/select-author-by-isbn.html</p>	<pre>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#> SELECT ?author WHERE { #Match the book</pre>		

	<pre>?uri bibo:isbn10 "0261102214"; #Match its author dct:creator ?author. }</pre>		
<p>7. Find the categories in which an author has published works http://ldodds.github.io/bnb-queries/select-author-categories.html</p>	<pre>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#> SELECT DISTINCT ?category ?label WHERE { #Match all books with Lewis as an author ?book dct:creator <http://bnb.data.bl.uk/id/person/LewisCS%28CliveStaples%291898-1963>; dct:subject ?category. ?category rdfs:label ?label. } ORDER BY ?label</pre>	<pre> graph TD A[book select distinct order by label] -- subject --> B["category (select this) {+} label"] A -- creator --> C["http://bnb.data.bl.uk/id/person/LewisCS %28CliveStaples%291898-1963"] </pre>	

<p>8. Find authors based on the year of their birth http://ldodds.github.io/bnb-queries/select-authors-by-birth-year.html</p>	<p>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#></p> <pre>SELECT ?author ?name WHERE { ?event a bio:Birth; bio:date "1944"^^<http://www.w3.org/2001/XMLSchema#gYear>. ?author bio:event ?event; foaf:name ?name. }</pre> <p>LIMIT 50</p>		
<p>9. Find books by a specific author # The query finds books by a specific author and extracts their title and year of publication. # Most recently published books are returned first.</p>	<p>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#></p> <pre>SELECT ?book ?isbn ?title ?year WHERE { #Match all books with Lewis as an author ?book dct:creator <http://bnb.data.bl.uk/id/person/LewisCS%28CliveStaples%291898-1963>;</pre>		

http://ldodds.github.io/bnb-queries/select-books-by-author.html	<pre> bibo:isbn10 ?isbn; dct:title ?title; #match the publication event blterms:publication ?publication. #match the time of the publication event ?publication event:time ?time. #match the label of the year ?time rdfs:label ?year } #order by descending year, after casting year as an integer ORDER BY DESC(xsd:int(?year)) </pre>		
<p>10. Find books by subject.</p> http://ldodds.github.io/bnb-queries/select-books-by-category.html	<pre> PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#> SELECT ?book ?title ?name WHERE { ?book dct:title ?title; dct:creator ?author; dct:subject <http://bnb.data.bl.uk/id/concept/lcsh/DetectiveandmysterystoriesAmericanFiction>. ?author foaf:name ?name. } ORDER BY ?name ?title </pre>	<pre> graph TD book["book (select this) {+} title"] -- creator --> author["author {+} name<-foaf:name>"] book -- subject --> uri["http://bnb.data.bl.uk/id/concept/lcsh/DetectiveandmysterystoriesAmericanFiction"] </pre>	

<p>11. Find books based on where they were published http://ldodds.github.io/bnb-queries/select-books-by-location.html</p>	<p>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#></p> <pre> SELECT ?book ?isbn ?title WHERE { ?book dct:creator ?author; bibo:isbn10 ?isbn; dct:title ?title; blterms:publication ?publication. ?publication event:place ?place. ?place rdfs:label "Bath" } LIMIT 50 </pre>	 <p>The diagram illustrates a query flow. It starts with an orange box labeled 'book' containing the text: '(select this) {+} isbn<-isbn10 {+} title {h+} author<-creator show first 50 row(s)'. An arrow points from this box to a purple box labeled 'publication'. From the 'publication' box, another arrow points to a second purple box labeled 'place' with the text 'label = "Bath"'. The word 'publication' is written above the arrow connecting the two purple boxes.</p>	<p>Unbound variable 'year' excluded from the visual presentation</p>
<p>12. Find books published in a specific year. http://ldodds.github.io/bnb-queries/select-books-by-publication-year.html</p>	<p>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#></p> <pre> SELECT ?book ?isbn ?title WHERE { ?book dct:creator ?author; bibo:isbn10 ?isbn; </pre>	 <p>The diagram illustrates a query flow. It starts with an orange box labeled 'book' containing the text: '(select this) {+} isbn<-isbn10 {+} title {h+} author<-creator show first 50 row(s)'. An arrow points from this box to a purple box labeled 'publication'. From the 'publication' box, another arrow points to a second purple box labeled 'time' with the text 'label = "2010"'. The word 'time' is written above the arrow connecting the two purple boxes.</p>	<p>Unbound variable 'year' excluded from the visual presentation</p>

	<pre>dct:title ?title; #match the publication event blterms:publication ?publication. #match the time of the publication event ?publication event:time ?time. #match the label of the year ?time rdfs:label "2010" } LIMIT 50</pre>		
<p>13. Select books published by a specific organisation in a specific year # # The publisher is here identified by name. http://ldodds.github.io/bnb-queries/select-books-by-publisher-and-year.html</p>	<pre>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#> SELECT ?book ?isbn ?title WHERE { ?book dct:creator ?author; bibo:isbn10 ?isbn; dct:title ?title; blterms:publication ?publication. ?publication event:agent ?agent; event:time ?time. ?agent rdfs:label "Allen & Unwin". ?time rdfs:label "2011". } LIMIT 50</pre>		<p>Unbound variable 'year' excluded from the visual presentation</p>

<p>14. # Find the books that are part of a specific series ("Pleasure in Reading"). # The query returns the URI, ISBN, title and year of publication http://ldodds.github.io/bnb-queries/select-books-in-series.html</p>	<p>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms/> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#></p> <pre> SELECT ?book ?isbn ?title ?year WHERE { <http://bnb.data.bl.uk/id/series/Pleasureinreading> dct:hasPart ?book. ?book dct:creator ?author; bibo:isbn10 ?isbn; dct:title ?title; blterms:publication ?publication. ?publication event:agent ?agent; event:time ?time. ?time rdfs:label ?year. } </pre>	<pre> graph TD Root[http://bnb.data.bl.uk/id/series/Pleasureinreading] -- hasPart --> Book[book] Book --> P1["(select this)"] Book --> P2["{+} isbn<-isbn10"] Book --> P3["{+} title"] Book --> P4["{h+} author<-creator"] Book --> Pub[publication] Pub --> P5["{h+} agent"] Pub --> Time[time] Time --> P6["{+} year<-label"] </pre>	
<p>15. Look up the URI, BNB Number and title of a book, based on its ISBN http://ldodds.github.io/bnb-queries/select-by-isbn.html</p>	<p>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms/> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#></p>	<pre> graph TD Root[uri] --> P1["isbn10 = \"0261102214\""] Root --> P2["(select this)"] Root --> P3["{+} bnb"] Root --> P4["{+} title"] </pre>	

```
SELECT ?uri ?bnb ?title WHERE {
  #Match the books by ISBN
  ?uri bibo:isbn10 "0261102214";
  #bind some variables to their other attributes
  blterms:bnb ?bnb;
  dct:title ?title.
}
```

16. Look up the ISBN, title and BNB Number of a book based on its URI <http://ldodds.github.io/bnb-queries/select-by-uri.html>

```
PREFIX bio: <http://purl.org/vocab/bio/0.1/>
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#>
PREFIX dct: <http://purl.org/dc/terms/>
PREFIX event: <http://purl.org/NET/c4dm/event.owl#>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#>
PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/>
PREFIX org: <http://www.w3.org/ns/org#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rda: <http://RDVocab.info/ElementsGr2/>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX skos: <http://www.w3.org/2004/02/skos/core#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

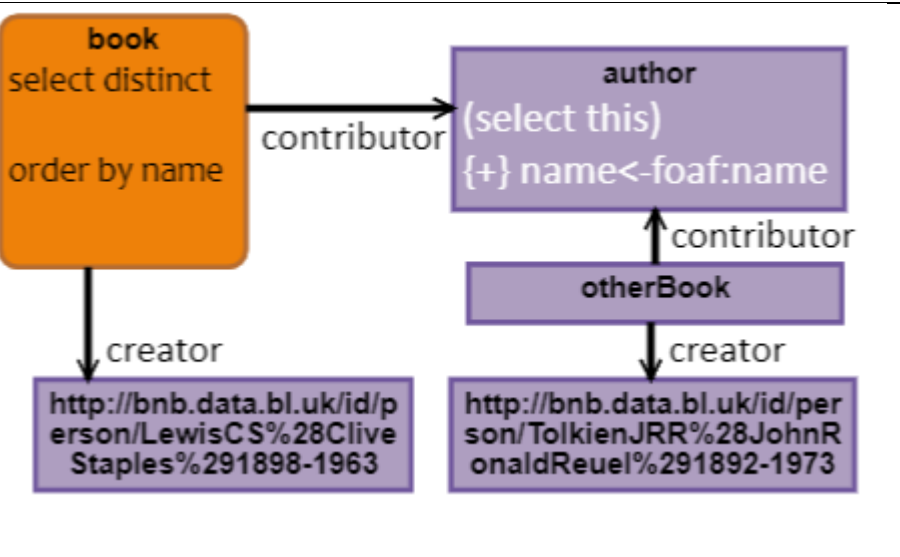
SELECT ?isbn ?title ?bnb WHERE {
  <http://bnb.data.bl.uk/id/resource/009910399> bibo:isbn10 ?isbn;
  blterms:bnb ?bnb;
  dct:title ?title.
}
```

```
http://bnb.data.bl.uk/id/resource/009910399
{+} isbn<-isbn10
{+} title
{+} bnb
```

17. Find people that have contributed to works by both Tolkien and Lewis <http://ldodds.github.io/bnb-queries/select-common-contributors.html>

```
PREFIX bio: <http://purl.org/vocab/bio/0.1/>
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#>
PREFIX dct: <http://purl.org/dc/terms/>
PREFIX event: <http://purl.org/NET/c4dm/event.owl#>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#>
PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/>
PREFIX org: <http://www.w3.org/ns/org#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rda: <http://RDVocab.info/ElementsGr2/>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX skos: <http://www.w3.org/2004/02/skos/core#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

SELECT DISTINCT ?author ?name WHERE {
```



```

?book dct:creator
<http://bnb.data.bl.uk/id/person/LewisCS%28CliveStaples%291898-1963>;
  dct:contributor ?author.

?otherBook dct:creator
<http://bnb.data.bl.uk/id/person/TolkienJRR%28JohnRonaldReuel%291892-1973>;
  dct:contributor ?author.

?author foaf:name ?name.
}
ORDER BY ?name

```

18. Find people that have contributed to books by C. S. Lewis <http://ldodds.github.io/bnb-queries/select-contributors-by-author.html>

```

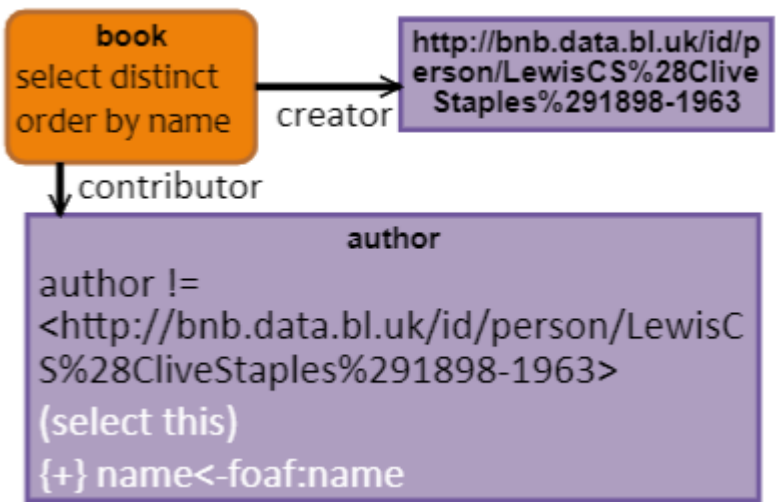
PREFIX bio: <http://purl.org/vocab/bio/0.1/>
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#>
PREFIX dct: <http://purl.org/dc/terms/>
PREFIX event: <http://purl.org/NET/c4dm/event.owl#>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#>
PREFIX isbd: <http://iflaststandards.info/ns/isbd/elements/>
PREFIX org: <http://www.w3.org/ns/org#>
PREFIX owl: <http://www.w3.org/2002/07/owl#>
PREFIX rda: <http://RDVocab.info/ElementsGr2/>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX skos: <http://www.w3.org/2004/02/skos/core#>
PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>

SELECT DISTINCT ?author ?name WHERE {
  ?book dct:creator
  <http://bnb.data.bl.uk/id/person/LewisCS%28CliveStaples%291898-1963>;
    dct:contributor ?author.

  ?author foaf:name ?name.

  FILTER (?author !=
  <http://bnb.data.bl.uk/id/person/LewisCS%28CliveStaples%291898-1963>)
}
ORDER BY ?name

```



<p>19. Find the author of a book, based on its ISBN http://ldodds.github.io/bnb-queries/select-distinct-author-by-isbn.html</p>	<p>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#></p> <pre>SELECT DISTINCT ?author WHERE { #Match the book ?uri bibo:isbn10 "0261102214"; #Match its author dct:creator ?author. }</pre>	<div style="border: 1px solid black; background-color: #f4a460; padding: 10px; border-radius: 10px; width: fit-content; margin: 0 auto;"> <p style="text-align: center;">uri</p> <p>isbn10 = "0261102214" {+} author<-creator select distinct</p> </div>
<p>20. Find serial publications based on their location of publication. http://ldodds.github.io/bnb-queries/select-serials-by-place.html</p>	<p>PREFIX bio: <http://purl.org/vocab/bio/0.1/> PREFIX bibo: <http://purl.org/ontology/bibo/> PREFIX blterms: <http://www.bl.uk/schemas/bibliographic/blterms#> PREFIX dct: <http://purl.org/dc/terms/> PREFIX event: <http://purl.org/NET/c4dm/event.owl#> PREFIX foaf: <http://xmlns.com/foaf/0.1/> PREFIX geo: <http://www.w3.org/2003/01/geo/wgs84_pos#> PREFIX isbd: <http://iflastandards.info/ns/isbd/elements/> PREFIX org: <http://www.w3.org/ns/org#> PREFIX owl: <http://www.w3.org/2002/07/owl#> PREFIX rda: <http://RDVocab.info/ElementsGr2/> PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#> PREFIX skos: <http://www.w3.org/2004/02/skos/core#> PREFIX xsd: <http://www.w3.org/2001/XMLSchema#></p> <pre>SELECT ?title ?issn WHERE { ?serial dct:title ?title; bibo:issn ?issn; dct:spatial ?place. ?place rdfs:label "Bath (England)".</pre>	<div style="border: 1px solid black; background-color: #f4a460; padding: 10px; border-radius: 10px; width: fit-content; margin: 0 auto;"> <p style="text-align: center;">serial</p> <p>{+} title {+} issn<-bibo:issn</p> </div> <p style="text-align: center;">↓ spatial</p> <div style="border: 1px solid black; background-color: #c0c0e0; padding: 10px; width: fit-content; margin: 0 auto;"> <p style="text-align: center;">place</p> <p>label = "Bath (England)"</p> </div>

	}		
--	---	--	--