

Rich export SPARQL queries: Publication

Note that these are CONSTRUCT queries designed to create a small Jena model for export as a whole after a series of queries has been run. The PERSON_URI variable is substituted by VIVO at runtime.

associatedJournal.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX obo: <http://purl.obolibrary.org/obo/>

CONSTRUCT {
    ?publicationVenue ?property ?object .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IAO_0000030 .
    ?publication core:hasPublicationVenue ?publicationVenue .
    ?publicationVenue ?property ?object .
}
```

authors.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX obo: <http://purl.obolibrary.org/obo/>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>

CONSTRUCT {
    ?coAuthorship ?property1 ?object1 .
    ?person ?property2 ?object2 .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IAO_0000030 .
    ?publication core:relatedBy ?coAuthorship .
    ?coAuthorship a core:Authorship .
    ?coAuthorship ?property1 ?object1 .
    ?coAuthorship core:relates ?person .
    ?person a foaf:Person .
    ?person ?property2 ?object2 .
}
```

presentedAtEvent.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX obo: <http://purl.obolibrary.org/obo/>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
PREFIX bibo: <http://purl.org/ontology/bibo/>

CONSTRUCT {
    ?event ?property ?object .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IAO_0000030 .
    ?publication bibo:presentedAt ?event .
    ?event ?property ?object .
}
```

presentedAtEventEndDate.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX obo: <http://purl.obolibrary.org/obo/>
PREFIX foaf: <http://xmlns.com/foaf/0.1/>PREFIX bibo: <http://purl.org/ontology/bibo/>

CONSTRUCT {
    ?endDate ?property ?object .
    ?precision ?property2 ?object2 .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IA0_0000030 .
    ?publication bibo:presentedAt ?event .
    ?event ?property ?object .
    ?event core:dateTimeInterval ?dateTimeInterval .
    ?dateTimeInterval core:end ?endDate .
    ?endDate core:dateTimePrecision ?precision .
    ?precision ?property2 ?object2 .
}
```

presentedAtEventLocation.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX obo: <http://purl.obolibrary.org/obo/>

CONSTRUCT {
    ?location rdfs:label ?locationName .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IA0_0000030 .
    ?publication bibo:presentedAt ?event .
    ?event obo:RO_0001025 ?location .
    ?location rdfs:label ?locationName .
}
```

presentedAtEventStartDate.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX obo: <http://purl.obolibrary.org/obo/>

CONSTRUCT {
    ?startDate ?property ?object .
    ?precision ?property2 ?object2 .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IA0_0000030 .
    ?publication bibo:presentedAt ?event .
    ?event ?property ?object .
    ?event core:dateTimeInterval ?dateTimeInterval .
    ?dateTimeInterval core:start ?startDate .
    ?startDate core:dateTimePrecision ?precision .
    ?precision ?property2 ?object2 .
}
```

publication.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX obo: <http://purl.obolibrary.org/obo/>
```

```
CONSTRUCT {
    ?publication ?property ?object .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IAO_0000030 .
    ?publication ?property ?object .
}
```

publicationDate.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX obo: <http://purl.obolibrary.org/obo/>
```

```
CONSTRUCT {
    ?date ?property ?object .
    ?precision ?property2 ?object2 .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IAO_0000030 .
    ?publication ?dateTimeValue ?date .
    ?date ?property ?object .
    ?date core:dateTimePrecision ?precision .
    ?precision ?property2 ?object2 .
}
```

publicationPartOfInfoResource.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX obo: <http://purl.obolibrary.org/obo/>
```

```
CONSTRUCT {
    ?informationResource ?property ?object .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IAO_0000030 .
    ?publication obo:BF0_0000050 ?informationResource .
    ?informationResource ?property ?object .
}
```

publicationReproducedIn.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX obo: <http://purl.obolibrary.org/obo/>

CONSTRUCT {
    ?informationResource ?property ?object .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IA0_0000030 .
    ?publication bibo:reproducedIn ?informationResource .
    ?informationResource ?property ?object .
}
```

publicationStatus.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX obo: <http://purl.obolibrary.org/obo/>

CONSTRUCT {
    ?publicationStatus ?property ?object .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IA0_0000030 .
    ?publication bibo:status ?publicationStatus .
    ?publicationStatus ?property ?object .
}
```

publicationURL.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX obo: <http://purl.obolibrary.org/obo/>
PREFIX vcard: <http://www.w3.org/2006/vcard/ns#>

CONSTRUCT {
    ?urllink ?property ?object .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IA0_0000030 .
    ?publication obo:ARG_2000028 ?vcard .
    ?vcard vcard:hasURL ?urllink .
    ?urllink ?property ?object .
}
```

publisher_variant1.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX obo: <http://purl.obolibrary.org/obo/>

CONSTRUCT {
    ?publisher ?property ?object .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IAO_0000030 .
    ?publication core:hasPublicationVenue ?publicationVenue .
    ?publicationVenue core:publisher ?publisher .
    ?publisher ?property ?object .
}
```

publisher_variant2.sparql

```
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX obo: <http://purl.obolibrary.org/obo/>

CONSTRUCT {
    ?publisher ?property ?object .
} WHERE {
    PERSON_URI core:relatedBy ?authorship .
    ?authorship a core:Authorship .
    ?authorship core:relates ?publication .
    ?publication a obo:IAO_0000030 .
    ?publication core:publisher ?publisher .
    ?publisher ?property ?object .
}
```