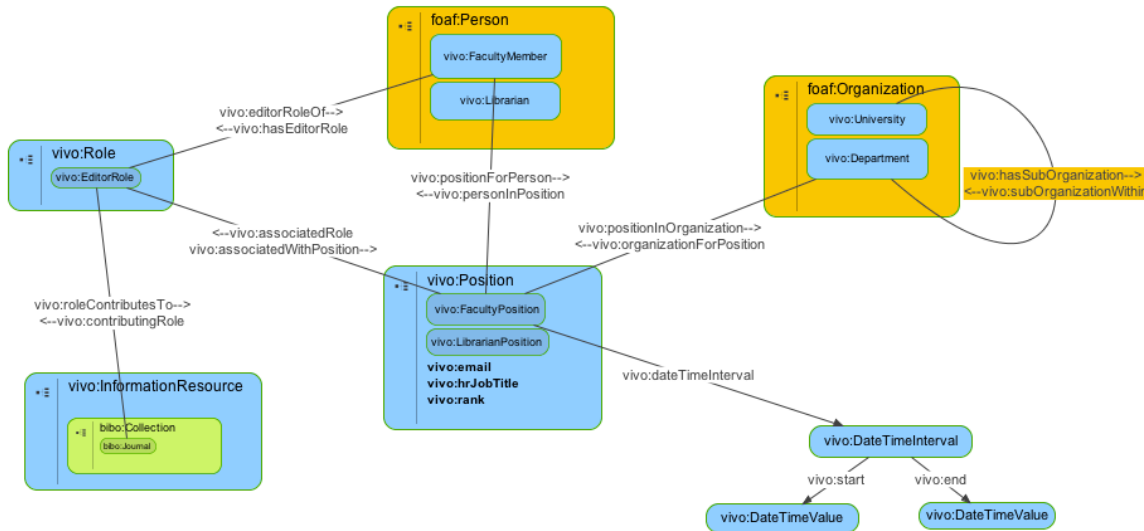


SPARQL Example: Positions

Person and Positions Diagram

(<https://wiki.duraspace.org/display/VIVO/VIVO+1.4+Position+diagram>)



SPARQL Query to Retrieve the Position for a single Person

([http://sparql.vivo.ufl.edu/VIVO/query?query=PREFIX+rdfs%3A+%3Chttp%3A%2F%2Fwww.w3.org%2F2000%2F01%2Frdf-schema%23%3E%0D%0APREFIX+rdf%3A++%3Chttp%3A%2F%2Fwww.w3.org%2F1999%2F02%2F22-rdf-syntax-ns%23%3E%0D%0APREFIX+bibo%3A+%3Chttp%3A%2F%2Fpurl.org%2Fontology%2Fbibo%2F%3E%0D%0APREFIX+core%3A+%3Chttp%3A%2F%2Fvivoweb.org%2fontology%2Fcore%23%3E%0D%0APREFIX+ands%3A+%3Chttp%3A%2F%2Fpurl.org%2Fands%2Fontologies%2Fvivo%2F%3E%0D%0ASELECT++*+WHERE%0D%0A%7B%0D%0A%3FURI+core%3AprimaryEmail++%27cpb%40ufl.edu%27.%0D%0A%3FURI+core%3ApersonInPosition+%3FpositionURI.%0D%0A%3FpositionURI+rdfs%3Alabel+%3FPositionlabel%0D%0A%7D&output=text&stylesheet=%2Fxml-to-html.xsl](http://sparql.vivo.ufl.edu/VIVO/query?query=PREFIX+rdfs%3A+%3Chttp%3A%2F%2Fwww.w3.org%2F2000%2F01%2Frdf-schema%23%3E%0D%0APREFIX+rdf%3A++%3Chttp%3A%2F%2Fwww.w3.org%2F1999%2F02%2F22-rdf-syntax-ns%23%3E%0D%0APREFIX+bibo%3A+%3Chttp%3A%2F%2Fpurl.org%2Fontology%2Fbibo%2F%3E%0D%0APREFIX+core%3A+%3Chttp%3A%2F%2Fvivoweb.org%2Fontology%2Fcore%23%3E%0D%0APREFIX+ands%3A+%3Chttp%3A%2F%2Fpurl.org%2Fands%2Fontologies%2Fvivo%2F%3E%0D%0ASELECT++*+WHERE%0D%0A%7B%0D%0A%3FURI+core%3AprimaryEmail++%27cpb%40ufl.edu%27.%0D%0A%3FURI+core%3ApersonInPosition+%3FpositionURI.%0D%0A%3FpositionURI+rdfs%3Alabel+%3FPositionlabel%0D%0A%7D&output=text&stylesheet=%2Fxml-to-html.xsl))

Note: You can click on the link above to run this query in realtime at <http://sparql.vivo.ufl.edu>. Be patient, it make take a few minutes to return.

```
PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
PREFIX bibo: <http://purl.org/ontology/bibo/>
PREFIX core: <http://vivoweb.org/ontology/core#>
PREFIX ands: <http://purl.org/ands/ontologies/vivo/>
SELECT * WHERE
{
?URI core:primaryEmail 'cpb@ufl.edu'.
```

```
?URI core:personInPosition ?positionURI.
?positionURI rdfs:label ?Positionlabel
}
```

Results in Text

URI	positionURI	Positionlabel
<http://vivo.ufl.edu/individual/n64866>	<http://vivo.ufl.edu/individual/n136666>	"Assistant Director and Senior Architect" <http://www.w3.org/2001/XMLSchema#string>
<http://vivo.ufl.edu/individual/n64866>	<http://vivo.ufl.edu/individual/n31884>	"Associate Director" <http://www.w3.org/2001/XMLSchema#string>
<http://vivo.ufl.edu/individual/n64866>	<http://vivo.ufl.edu/individual/n908759050>	"Associate Director, Software Engineering" <http://www.w3.org/2001/XMLSchema#string>

Results in JSON

<http://sparql.vivo.ufl.edu/VIVO/query?query=PREFIX+rdfs%3A+%3Chttp%3A%2F%2Fwww.w3.org%2F2000%2F01%2Frdf-schema%23%3E%0D%0APREFIX+rdf%3A++%3Chttp%3A%2F%2Fwww.w3.org%2F1999%2F02%2F22-rdf-syntax-ns%23%3E%0D%0APREFIX+bibo%3A+%3Chttp%3A%2F%2Fpurl.org%2Fontology%2Fbibo%2F%3E%0D%0APREFIX+core%3A+%3Chttp%3A%2F%2Fvivo.ufl.edu%2Fontology%2Fcore%23%3E%0D%0APREFIX+ands%3A+%3Chttp%3A%2F%2Fpurl.org%2Fands%2Fontologies%2Fvivo%2F%3E%0D%0ASELECT+++WHERE%0D%0A%7B%0D%0A%3FURI+core%3APrimaryEmail+++%27cpb%40ufl.edu%27.%0D%0A%3FURI+core%3ApersonInPosition+%3FpositionURI.%0D%0A%3FpositionURI+rdfs%3Alabel+%3FPositionlabel%0D%0A%7D&output=json&stylesheet=%2Fxml-to-html.xsl>

```
{
  "head": {
    "vars": [ "URI" , "positionURI" , "Positionlabel" ]
  },
  "results": {
    "bindings": [
      {
        "URI": { "type": "uri" , "value": "http://vivo.ufl.edu/individual/n64866" } ,
        "positionURI": { "type": "uri" , "value": "http://vivo.ufl.edu/individual/n136666" } ,
        "Positionlabel": { "datatype": "http://www.w3.org/2001/XMLSchema#string" , "type":
"typed-literal" , "value": "Assistant Director and Senior Architect" }
      } ,
      {
        "URI": { "type": "uri" , "value": "http://vivo.ufl.edu/individual/n64866" } ,
        "positionURI": { "type": "uri" , "value": "http://vivo.ufl.edu/individual/n31884" } ,
        "Positionlabel": { "datatype": "http://www.w3.org/2001/XMLSchema#string" , "type":
"typed-literal" , "value": "Associate Director" }
      } ,
    ]
  }
}
```

```

    {
      "URI": { "type": "uri" , "value": "http://vivo.ufl.edu/individual/n64866" } ,
      "positionURI": { "type": "uri" , "value": "http://vivo.ufl.edu/individual/n908759050" } ,
      "Positionlabel": { "datatype": "http://www.w3.org/2001/XMLSchema#string" , "type":
"typed-literal" , "value": "Associate Director, Software Engineering" }
    }
  ]
}
}

```

Javascript Example to run query and get back JSON

```

<script src="https://ajax.googleapis.com/ajax/libs/jquery/1.4.4/jquery.min.js"></script>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

```

```

<script>

```

```

var querystring =
'http://sparql.vivo.ufl.edu/VIVO/query?query=PREFIX+rdfs%3A+%3Chttp%3A%2F%2Fwww.w3.o
rg%2F2000%2F01%2Frd-schema%23%3E%0D%0APREFIX+rdfs%3A+%3Chttp%3A%2F%2F
www.w3.org%2F1999%2F02%2F22-rdf-syntax-ns%23%3E%0D%0APREFIX+bibo%3A+%3Chtt
p%3A%2F%2Fpurl.org%2Fontology%2Fbibo%2F%3E%0D%0APREFIX+core%3A+%3Chttp%3
A%2F%2Fvivo.ufl.edu%2Fontology%2Fcore%23%3E%0D%0APREFIX+ands%3A+%3Chttp%3
A%2F%2Fpurl.org%2Fands%2Fontologies%2Fvivo%2F%3E%0D%0ASELECT+++WHERE%0
D%0A%7B%0D%0A%3FURI+core%3AprimaryEmail+++%27cpb%40ufl.edu%27.%0D%0A%3FU
RI+core%3ApersonInPosition+%3FpositionURI.%0D%0A%3FpositionURI+rdfs%3Alabel+%3FPo
sitionlabel%0D%0A%7D&output=json&stylesheet=%2Fxml-to-html.xsl'

```

```

$.getJSON(querystring,
  {},

```

```

function(data) {

```

```

  alert(".. in data");
  var URI = "";
  var positionURI = "";
  var Positionlabel = "";

```

```
var content = document.getElementById('content');
content.innerHTML = "";
```

```
for (i = 0; i < 3; i++){
  alert(".. in loop");
  alert(i);
  alert(data.results.bindings[i].URI.value);
```

```
}
```

```
});
```

```
</script>
```