

# My FOAF network #5: SPARQL-ing my network

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## Keywords

Foaf, Rdf, Sparql

## Abstract

FOAF rulez: it's RDF. With RDF comes SPARQL. SPARQL needs a query engine, however. And there comes OpenRDF which created Sesame.

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## chem-bla-ics

FOAF rulez: it's RDF. With RDF comes [SPARQL](#). SPARQL needs a query engine, however. And there comes [OpenRDF](#) which created Sesame. I have to catch the train in about 15 minutes, so will not elaborate too much, but here are some [Sesame 2.0.1](#) work:

```
> create native.
```

Please specify values for the following variables:

```
Repository ID [native]: foafRepo
```

```
Repository title [Native store]: FOAF Repository
```

```
Triple indexes [spoc,postc]:
```

```
Repository created
```

```
> open foafRepo
```

Creates me a new RDF storage and opens it.

```
foafRepo> load http://blueobelisk.sourceforge.net/people/egonw/foaf.xrdf .
```

```
Loading data...
```

```
Data has been added to the repository (606 ms)
```

Loads my FOAF file. Now, a simple SPARQL query that finds me all friends that now someone with the nick egonw:

```
foafRepo> sparql
```

```
BASE <http://blueobelisk.sourceforge.net/people/egonw/foaf.xrdf>
```

```
PREFIX foaf: <http://xmlns.com/foaf/0.1/>
```

```
SELECT ?s ?o
```

```
WHERE { ?s foaf:knows ?o ; foaf:nick "egonw" . }
```

```
.
```

```
Evaluating query...
```

```
+-----+-----+
| s                | o                |
```

```
+-----+-----+
```

```
| <http://blueobelisk.sourceforge.net/people/egonw/foaf.xrdf#me>| <http://blueobelisk.sou
```

```
| <http://blueobelisk.sourceforge.net/people/egonw/foaf.xrdf#me>| <http://blueobelisk.sou
```

```
| <http://blueobelisk.sourceforge.net/people/egonw/foaf.xrdf#me>| <http://blueobelisk.sou
```

```
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```

```
| <http://blueobelisk.sourceforge.net/people/egonw/foaf.xrdf#me>| <http://blueobelisk.sou
```

```
| <http://blueobelisk.sourceforge.net/people/egonw/foaf.xrdf#me>| <http://blueobelisk.sou
```

## chem-bla-ics

```
| <http://blueobelisk.sourceforge.net/people/egonw/foaf.xrdf#me>| <http://blueobelisk.sou  
| <http://blueobelisk.sourceforge.net/people/egonw/foaf.xrdf#me>| <http://blueobelisk.sou  
+-----+-----+  
13 result(s) (15 ms)
```

Not very pretty, but rather accurate.

More SPARQL fun later. Do try this at home, but make sure to [not put a period at the end of a line in your SPARQL query!](#) :)