

FreeBSD Administration - Support #919

Install an Apache Solr Server on FreeBSD

01/18/2018 10:44 PM - Daniel Curtis

Status:	Closed	Start date:	01/18/2018
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	50%
Category:	Database Server	Estimated time:	1.00 hour
Target version:	FreeBSD 11	Spent time:	1.50 hour

Description

This is a guide on installing an Apache Solr instance on FreeBSD 11.

Prepare the Environment

- Make sure the system is up to date:

```
pkg update && pkg upgrade
```

Install Apache Solr

- Install solr and jetty:

```
pkg install apache-solr
```

The port is configured to listen only on localhost, port 8983.

- Create an initial config:

```
cp -R /usr/local/solr/example/example-DIH/solr/solr /var/db/solr/  
chown -R www /var/db/solr/solr
```

- Create a new core from the examples:

```
mkdir /var/db/solr/new_core  
cp -r /usr/local/solr/example/files/conf /var/db/solr/new_core/
```

- Start and enable solr at boot:

```
sysrc solr_enable="YES"  
service solr start
```

- Open a web browser and go to <http://localhost:8983/solr/admin>

OCR With Tesseract

- To enable using Tesseract, just install it:

```
pkg install tesseract
```

- And restart solr:

```
service solr restart
```

Yeah, its that simple!

Resources

- https://lucene.apache.org/solr/guide/6_6/installing-solr.html
- <https://wiki.apache.org/solr/SolrInstall>
- <https://mikkel.hoegh.org/2011/07/24/install-multicore-apache-solr-freebsd-jetty>
- <https://stackoverflow.com/questions/43017921/configure-tesseract-with-solr-6-4-1>

History

#1 - 01/18/2018 10:45 PM - Daniel Curtis

- Status changed from New to In Progress

- % Done changed from 0 to 50

#2 - 01/21/2018 08:37 PM - Daniel Curtis

- Status changed from In Progress to Closed