

Install Firefox Sync Server on FreeBSD

01/09/2016 08:52 PM - Daniel Curtis

Status:	Closed	Start date:	01/10/2016
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Sync Server	Estimated time:	1.00 hour
Target version:	FreeBSD 9	Spent time:	1.00 hour

Description

This is a guide on running the Firefox Sync-1.5 Server on FreeBSD 9.

Prepare the Environment

- Make sure the system is up to date:

```
pkg update && pkg upgrade -y
```

- Install a few dependencies:

```
pkg install git gmake python2 py27-virtualenv sqlite py27-sqlite3 gcc48
```

- Add the Sync Server user

```
pw add user -n ff-sync -m -s /bin/sh -c "Firefox Sync"
```

Install Sync Server

- Switch to the sync server user:

```
su - ff-sync
```

- Then set the CC, CXX, and CPP environment variables to use GCC instead of Clang:

```
export CC=gcc48
export CXX=g++48
export CPP=cpp48
```

- Download the sync server from GitHub:

```
git clone https://github.com/mozilla-services/syncserver
```

- Build the sync server:

```
cd syncserver
gmake build
```

- Edit the syncserver config file:

```
vi syncserver.ini
```

- And uncomment the sqlite uri parameter:

```
sqluri = sqlite:///home/ff-sync/syncserver.db
```

- Test run the server:

```
gmake serve
```

- Ctrl+C to exit the server.

Configure Firefox

1. To configure desktop Firefox to talk to your new Sync server, go to **about:config**
2. search for `identity.sync.tokenserver.uri` and change its value to the URL of your server with a path of token/1.0/sync/1.5:
identity.sync.tokenserver.uri:<http://sync.example.com/token/1.0/sync/1.5>

Resources

- <https://docs.services.mozilla.com/howtos/run-sync-1.5.html>

History

#1 - 01/09/2016 08:56 PM - Daniel Curtis

- Description updated

#2 - 01/10/2016 11:49 AM - Daniel Curtis

- Description updated

- Status changed from New to In Progress

- % Done changed from 0 to 50

#3 - 01/10/2016 12:50 PM - Daniel Curtis

- Status changed from In Progress to Resolved

- % Done changed from 50 to 100

- Estimated time changed from 2.00 h to 1.00 h

#4 - 02/20/2016 07:17 PM - Daniel Curtis

- Status changed from Resolved to Closed