

## FreeBSD Administration - Support #717

### Install Firefox Sync Server on FreeBSD

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

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

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### #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