

GNU/Linux Administration - Support #648

Install JSbin On Debian

08/29/2015 07:08 PM - Daniel Curtis

Status:	Closed	Start date:	08/29/2015
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Web Server	Estimated time:	2.00 hours
Target version:	Debian	Spent time:	3.50 hours

Description

This is a guide on installing JSbin on Debian 8.

Prepare the System

- Make sure the system is up to date:

```
apt-get update && apt-get upgrade
```

- Install a few dependencies:

```
apt-get install curl git build-essential libzmq-dev
```

- Install nodejs and npm:

```
curl -sL https://deb.nodesource.com/setup_0.10 | bash -  
apt-get install -y nodejs
```

Install JSbin with npm

- Install JSbin using npm:

```
npm install -g jsbin
```

- Create a new config file and edit it as necessary:

```
cd /usr/lib/node_modules/jsbin  
cp config.default.json config.local.json
```

- Install a few node modules:

```
npm install grunt-contrib-uglify grunt-contrib-jshint grunt-contrib-concat
```

- Then build the production files:

```
grunt build
```

- Test JSbin in development mode:

```
jsbin
```

- Go to <http://localhost:3000> in a web browser

Running JSbin with PM2

- Install pm2 globally:

```
npm install -g pm2
```

- Add the startup script for pm2:

```
pm2 startup ubuntu
```

- Add a jsbin user to separate privileges:

```
useradd -m -g users -s /bin/bash jsbin
```

- Change the ownership of the global jsbin folder to the jsbin user:

```
chown -R jsbin /usr/lib/node_modules/jsbin
```

- Switch to the jsbin user:

```
su - jsbin
```

- Start jsbin using pm2:

```
pm2 start /usr/lib/node_modules/jsbin/bin/jsbin
```

- Exit from the jsbin user:

```
exit
```

- Then save the pm2 applications to allow them to start up after rebooting:

```
pm2 save
```

Resources

- <https://github.com/jsbin/jsbin/blob/master/docs/running-your-own-jsbin.md>
- <https://github.com/nodesource/distributions>

History

#1 - 08/29/2015 08:33 PM - Daniel Curtis

- Description updated

- Status changed from New to In Progress

- % Done changed from 0 to 30

#2 - 08/30/2015 02:07 PM - Daniel Curtis

- Description updated

- % Done changed from 30 to 60

#3 - 08/30/2015 02:47 PM - Daniel Curtis

- Description updated

- Status changed from In Progress to Resolved

- % Done changed from 60 to 100

#4 - 09/03/2015 07:49 PM - Daniel Curtis

- Description updated

#5 - 09/03/2015 07:51 PM - Daniel Curtis

- Description updated

#6 - 09/03/2015 08:48 PM - Daniel Curtis

- Description updated

#7 - 09/11/2015 05:23 PM - Daniel Curtis

- Status changed from Resolved to Closed

#8 - 02/14/2016 03:14 PM - Daniel Curtis

- Description updated

#9 - 02/14/2016 03:16 PM - Daniel Curtis

- Description updated