

FreeBSD Administration - Support #670

Install Galaxy Project on FreeBSD

10/08/2015 11:32 AM - Daniel Curtis

Status:	Suspended	Start date:	10/08/2015
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	10%
Category:		Estimated time:	3.00 hours
Target version:	FreeBSD 9	Spent time:	2.00 hours

Description

This is a guide on installing the Galaxy Project along with Nginx and PostgreSQL on FreeBSD 9.

Prepare the Environment

- Make sure the system is up to date:

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

- Add the Galaxy user

```
pw add user -n galaxy -m -s /bin/sh -c "Galaxy"
```

- Install a few dependencies:

```
pkg install python27 git gcc gmake autoconf automake libtool bison readline sqlite3 cmake postgresql94-client postgresql-libpqxx py27-pip py27-numpy py27-cheetah
```

Install Galaxy Project

- Switch to the galaxy user:

```
su - galaxy
```

- Download the latest source code:

```
git clone -b master https://github.com/galaxyproject/galaxy/
```

- Then exit the galaxy user back into root:
exit

```
cd /home/galaxy/galaxy
```

- Install the python dependencies:

```
pip install -r /path/to/requirements.txt
```

- Next test that galaxy is setup and running correctly:

```
sh run.sh
```

Resources

- <https://wiki.galaxyproject.org/Admin/GetGalaxy>
- <https://wiki.galaxyproject.org/Admin/Config/Performance/ProductionServer>

History

#1 - 10/08/2015 11:54 AM - Daniel Curtis

- Description updated
- Status changed from New to In Progress
- Assignee set to Daniel Curtis
- Target version set to FreeBSD 9
- % Done changed from 0 to 10
- Estimated time set to 3.00 h

#2 - 10/08/2015 12:33 PM - Daniel Curtis

- Description updated

#3 - 10/18/2015 08:44 PM - Daniel Curtis

- Status changed from In Progress to Suspended