tstellanova / **bbb_boot_service_instructions.md**
Last active on Nov 6, 2013

How to setup a service to automatically run a python script when the BeagleBone Black (BBB) reboots. These instructions allow you to setup a python script to automatically start when the BeagleBone (running Angstrom linux with systemd) restarts.

<> **bbb_boot_service_instructions.md**

Creating a service to startup at BeagleBone Black boot time:

- Create a shell script such as /usr/bin/myFancyBash.sh:

```
#!/bin/bash

# this could be any runnable code or shell script, really
/usr/bin/myFancyPython.py
```

Note that the first line is critical.

- Create a service file in /lib/systemd/myFancy.service such as:

```
[Unit]
Description=My Fancy Service

[Service]
Type=simple
ExecStart=/usr/bin/myFancyBash.sh

[Install]
WantedBy=multi-user.target
```

- Create a symbolic link between your script and a special location under /etc:

```
ln -s /lib/systemd/myFancy.service /etc/systemd/system/myFancy.service
```

- Make systemd aware of your new service

```
systemctl daemon-reload
systemctl enable myFancy.service
systemctl start myFancy.service
```

- Reboot the BeagleBone Black to see your script in action

- If you wish to control the service at runtime, you can use systemctl commands:

```
systemctl status myFancy.service
systemctl stop myFancy.service
systemctl start myFancy.service
systemctl disable myFancy.service
```

(/tricubic)

tricubic (/tricubic) commented on Feb 19, 2014

Hi, I followed this to the letter but get

systemctl enable myFancy.service
Failed to issue method call: No such file or directory

[(/Jnesselr)](/Jnesselr)

Jnesselr (/Jnesselr) commented on Sep 10, 2014

I found I had to change /lib/systemd/myFancy.service to /lib/systemd/system/myFancy.service for it to work.

[(/MadCreatorz)](/MadCreatorz)

MadCreatorz (/MadCreatorz) commented on Nov 30, 2014

Thanks ! I was searching for a long time ! =D

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