

Do everything on the beaglebone not the host

Go to directory /etc/systemd/system

make (nano) a file called yourfilename.service

Put this in file

[Unit]

Description= a description of what the executable does

[Service]

ExecStart="location of executable"

User=root

[Install]

WantedBy=multi-user.target

Example with the executable with name hello

[Unit]

Description=plays assignment 1 on boot

[Service]

ExecStart=/home/debian/hello

User=root

[Install]

WantedBy=multi-user.target

Run commands

sudo chown root:root /etc/systemd/system/yourfilename.service

sudo chmod 755 /etc/systemd/system/yourfilename.service

Test with

sudo systemctl start yourfilename.service

Check that it worked with

sudo systemctl status yourfilename.service

Enable at startup using

sudo systemctl enable yourfilename.service