

How to remove systemd's service in yocto?

Asked 4 years, 3 months ago Modified 1 month ago Viewed 4k times

I want to delete unnecessary *systemd* services. I tried a few method in my custom layer, but nothing is working. Is there another way?

1

1. `layer.conf`
`PACKAGECONFIG_remove_pn-systemd = " timesyncd connman nfs-server bluetooth
psplash-basic atd"`
2. `recipes-core/systemd/systemd_%.bbappend`
`PACKAGECONFIG_remove = "timesyncd connman nfs-server bluetooth psplash-basic
atd"`

[service](#) [yocto](#) [systemd](#)

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edited Feb 13, 2019 at 16:37



[ascripter](#)

5,525 12 45 67

asked Feb 13, 2019 at 10:35

dev j

[dev j](#)

39 3 6

I think you can probably directly remove the concerned package from your image can't you ? – [YCN-](#) Feb 13, 2019 at 10:58

@YCN I could do that, but I wanted to use the build system. – [dev j](#) Feb 13, 2019 at 15:40

systemd services are created by `inherit systemd` and `SYSTEMD_SERVICE` variable, so you should try in `systemd_%.bbappend` `SYSTEMD_SERVICE_${PN}-xyz_remove = ""` . Another option is to only disable service autostart with `SYSTEMD_AUTO_ENABLE` variable – [Nayfe](#) Feb 16, 2019 at 8:03

You also shouldn't use `layer.conf` but `local.conf` instead (or create your own distribution configuration). – [Nayfe](#) Feb 16, 2019 at 8:04

@Nayfe, that's what i wanted! – [dev j](#) Feb 16, 2019 at 13:51

3 Answers

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If I understand correctly, these packageconfigs aren't in systemd recipe, you can only remove packageconfig that are in this list [systemd_239.bb](#)

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answered Feb 13, 2019 at 15:47



[fabioberton](#)

11 1



I seem to know something wrong. I just want to delete unnecessary services. – [dev j](#) Feb 14, 2019 at 0:30



0



'bitbake -e systemd' should tell you the final value of PACKAGECONFIG, and how it was formed.

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answered Feb 13, 2019 at 10:55



[Alexander Kanavin](#)

521 2 7



0



1: Change

```
#PACKAGECONFIG[networkd] = "-Dnetworkd=true, -Dnetworkd=false"
```



To



```
PACKAGECONFIG[networkd] = "-Dnetworkd=false, -Dnetworkd=true"
```

please refer to [systemd_253.1](#)


I removed networkd from systemd but not audit, so you need to test:

2: werther can be built by "bitbake systemd "

3:bitbake imx-image-core(or full) if above be passed and then find folder or run cmd to test services whether exist.

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I edited your post to be more clear, that is if I correctly understood the answer. If I didn't, please edit or roll back the edit. – [James Risner](#) Apr 3 at 10:33

While this code may solve the question, [including an explanation](#) of how and why this solves the problem would really help to improve the quality of your post, and probably result in more up-votes. Remember that you are answering the question for readers in the future, not just the person asking now. Please [edit](#) your answer to add explanations and give an indication of what limitations and assumptions apply. – [Yunnosch](#) Apr 3 at 20:31

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