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?

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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 6 asked Feb 13, 2019 at 10:35

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 ✓

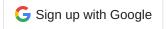
@Nayfe, that's what i wanted! - dev j Feb 16, 2019 at 13:51

3 Answers

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1 of 3 5/25/23, 11:39 AM

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

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



'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







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



To



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

please refer to systemd 253.1

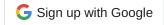
I removed networkd from systemd but not audit, so you need to test:

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, <u>including an explanation</u> 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 <u>edit</u> 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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