

Figure - Bug #111768

Bug # 111192 (CLOSED): 【Figure】 【EVT3】 【EE】 【启动时间1分6秒】 【Performance】

kernel DTS and init module crop

2022-09-06 18:04 - CD SYSTEM-龚元祝

Status:	CLOSED	Start date:	2022-09-06
Priority:	Normal	Due date:	
Assignee:	移动测试一组_CDTS 刘强	% Done:	100%
Category:	SYSTEM	Estimated time:	0.00 hour
Target version:		Found Version:	every version
Need_Info:	--	Degraded:	--
Resolution:	--	Verified Version:	
Severity:	Normal	Fixed Version:	
Reproducibility:	Every time	Root cause:	
Test Type:	Bring Up Test		
Description			
1 4499个设备树节点和属性创建sysfs节点耗时3s，需要裁剪dts。 init/main.c do_basic_setup()-->driver_init() --> of_core_init()-->for_each_of_allnodes(np) __of_attach_node_sysfs(np) 注：userdebug是3s，user版是200ms。 2 init first init stage启动时间太晚，init模块太多.initcall userdebug版1099个init模块初始化，共耗时20多s。 USER版因为defconfig不同，应该有所精简， 重点考虑是否可以裁剪下面文档中耗时较长的模块： https://thundersoft.feishu.cn/sheets/shtcnV0VWIzwKhGm3hdehSCZirh?sheet=x2fGt5 也可以考虑从DTS中裁剪设备。			

History

#1 - 2022-09-06 18:05 - CD SYSTEM-龚元祝

- File uartlog0902e.log added
- Assignee set to CD SYSTEM-赵正军

#2 - 2022-09-08 21:25 - CD SYSTEM-赵正军

目前已裁剪pcie2/camera/coresight

<https://dev.thundercomm.com/gerrit/c/147840>

<https://dev.thundercomm.com/gerrit/c/147832>

<https://dev.thundercomm.com/gerrit/c/147833>

<https://dev.thundercomm.com/gerrit/c/147839>

<https://dev.thundercomm.com/gerrit/c/147836>

#3 - 2022-09-14 11:18 - CD TPM-申艳艳

- Category set to SYSTEM

#4 - 2022-10-20 15:21 - CD SYSTEM-赵正军

- Status changed from New to RESOLVED
- % Done changed from 0 to 100

对应提交已入库

#5 - 2022-10-21 10:48 - CD SYSTEM-龚元祝
- Assignee changed from CD SYSTEM-赵正军 to CDTS_TEST 王成

请用最新的UD版本测试验证。
1 开机启动
2 adb shell dmesg > kernel.log

check kernel.log无以下相关message：
qcom,camera
pcie2
coresight

#6 - 2022-10-28 10:17 - CDTS_TEST 王成
- Assignee changed from CDTS_TEST 王成 to 移动测试一组_CDTS 刘强

#7 - 2022-10-28 16:15 - 移动测试一组_CDTS 刘强
- Status changed from RESOLVED to VERIFIED

验证通过：
版本号：01.00.X101_20221028_private_user

kernel.log中无以下相关message：
qcom,camera
pcie2
coresight

#8 - 2022-10-28 16:46 - 移动测试一组_CDTS 刘强
- Status changed from VERIFIED to CLOSED

#9 - 2022-12-22 20:30 - CD FW-王伟

Gerrit Merge Information：

ID	Project	Branch	Uploader
147833	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	zhaozj0108@thundersoft.com
SYSTEM: disabled camera in dts1. modify dts/dtsi ,Disable the nodes related to the camera;TC-RID: 1200-0800201IssueID: TS-R-BUG-111768Change-Id: I8102372eb68dab8203685911a6018056833b1d3f			

#10 - 2022-12-22 20:30 - CD FW-王伟

Gerrit Merge Information：

ID	Project	Branch	Uploader
147836	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	zhaozj0108@thundersoft.com

SYSTEM: disabled coresight in dts1. modify dts/dtsi ,Disable the nodes related to the coresight;TC-RID: 1200-0800201IssueID: TS-R-BUG-111768Change-Id: If10fb2a0d89585c6c807f4827ca8336eb54e56e7

#11 - 2022-12-22 20:30 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
147839	general/kernel/msm-4.19	Pre_figure_turbox-c2130c-la1.1-vendor-dev	zhaozj0108@thundersoft.com
SYSTEM: disabled coresight in driver1. modify defconfig ,don't set coresight CONFIG;TC-RID: 1200-0800201IssueID: TS-R-BUG-111768Change-Id: Id5c37572f48450e38f5a618c8212d180561e8186			

#12 - 2022-12-22 20:30 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
147840	general/LINUX/android/vendor/qcom/proprietary	Pre_figure_turbox-c2130c-la1.1-vendor-dev	zhaozj0108@thundersoft.com
SYSTEM: disabled pcie2 in dts1. modify dts/dtsi ,Disable the nodes related to the pcie2;TC-RID: 1200-0800201IssueID: TS-R-BUG-111768Change-Id: Iacb9d448090760ed433d2d818f80178b6197b4ee			

#13 - 2022-12-22 20:36 - CD FW-王伟

Gerrit Merge Information :

ID	Project	Branch	Uploader
151113	general/platform/vendor/opensource/camera-kernel	Pre_figure_turbox-c2130c-la1.1-vendor-dev	zhaozj0108@thundersoft.com
SYSTEM: disabled camera in driver1. modify camera makefile;TC-RID: 1200-0800201IssueID: TS-R-BUG-111768Change-Id: Ic7d0161dfde8013e10550109c227ece7c6131b11			

Files

uartlog0902e.log329 KB2022-09-06CD SYSTEM-龚元祝