

LP122 - Bug #376

/rockchip-test/npu2 rknn_demo.sh npu_freq_scaling.sh

07/07/2023 11:19 AM

Status:	New	Start date:	07/07/2023
Priority:	Normal	Due date:	
Assignee:	Linx	% Done:	0%
Category:	S.W	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
OS:	LP122	OS:	Ubuntu
CPU:	RK3568	Kernel:	Linux LPA3568 4.19.232-lpb3568-linux-f1dtb id8,Ubuntu 20.04.6
APP:		APP:	
OS/Kernel:	03	Kernel:	
Kernel:	04	Kernel:	
OS/Kernel:	04	Kernel:	
Kernel:	LZ120_3568_ubuntu20.04_v1.0_20230616_1402.img	EMMC:	

Description

/rockchip-test/npu2 rknn_demo.sh npu_freq_scaling.sh

```
root@LPA3568:/rockchip-test/npu2# ./npu_test.sh
*****
**                               **
**          NPU TEST              **
**                               **
*****
*****
npu stress test:                  1
npu scale frequency test:        2
rknn demo test:                  3
*****
2
test will run 86400 seconds
every npu frquency will stay 2 seconds
/rockchip-test/npu2/npu_freq_scaling.sh: line 16: /sys/devices/platform/fdab0000.npu/devfreq/fdab0000.npu/available_frequencies: No such file or directory
/rockchip-test/npu2/npu_freq_scaling.sh: line 27: /sys/devices/platform/fdab0000.npu/devfreq/fdab0000.npu/governor: No such file or directory
/rockchip-test/npu2/npu_freq_scaling.sh: line 28: 1612 % 0 : division by 0 (error token is "0 ")
root@LPA3568:/rockchip-test/npu2# ./npu_test.sh
*****
**                               **
**          NPU TEST              **
**                               **
*****
*****
npu stress test:                  1
npu scale frequency test:        2
rknn demo test:                  3
*****
3
/rockchip-test/npu2/rknn_demo.sh: line 13: warning: command substitution: ignored null byte in input
dev_path=/dev/video1; model_path=/rockchip-test/npu2/model/RK356X/mobilenet_v1.rknn.
MoTTY X11 proxy: Unsupported authorisation protocol
Unable to init server: Could not connect: Connection refused

(rknn_camera:1547): Gtk-WARNING **: 11:13:52.358: cannot open display: localhost:10.0
root@LPA3568:/rockchip-test/npu2#
```

History

#1 - 11/14/2023 04:02 PM - Linx

- File clipboard-202311141600-6qwyw.png added
- File clipboard-202311141602-qpg64.png added

RK356X/RK3588 NPU /rockchip_test/NPU2 proxy RK3399PRO/RK1808

名称	修改日期	类型	大小
 rknn_ssd_demo_Linux.tar.gz	2023/11/14 15:58	WinRAR archive	24,729 KB

```

tar -xvf rknn_ssd_demo_Linux.tar.gz
neardi@LPA3568:~/rknn_ssd_demo_Linux$ ls
lib  model  out.jpg  rknn_ssd_demo
neardi@LPA3568:~/rknn_ssd_demo_Linux$ ./rknn_ssd_demo ./model/RK356X/ssd_inception_v2.rknn ./model/bus.jpg
resize 640 640 to 300 300
Loading model ...
rknn_init ...
model input num: 1, output num: 2
input tensors:
  index=0, name=Preprocessor/sub:0, n_dims=4, dims=[1, 300, 300, 3], n_elems=270000, size=270000, fmt=NHWC, type=INT8, qnt_type=AF
output tensors:
  index=0, name=concat:0, n_dims=4, dims=[1, 1917, 1, 4], n_elems=7668, size=7668, fmt=NCHW, type=INT8, qnt_type=AFFINE, zp=50, sc
  index=1, name=concat_1:0, n_dims=4, dims=[1, 1917, 91, 1], n_elems=174447, size=174447, fmt=NCHW, type=INT8, qnt_type=AFFINE, zp
rknn_run
loadLabelName
ssd - loadLabelName ./model/coco_labels_list.txt
loadBoxPriors
person @ (106 245 216 535) 0.994422
bus @ (87 132 568 432) 0.991533
person @ (213 231 288 511) 0.843047

```

Files			
clipboard-202307071119-zjsv3.png	333 KB	07/07/2023	
clipboard-202311141600-6qywy.png	12.3 KB	11/14/2023	Linux
clipboard-202311141602-qpg64.png	53.9 KB	11/14/2023	Linux