

飞腾arm 处理器下，用Fecdemo1测试，会出现DecodeRX速率增加的情况。

2023-10-28 17:26 - 战 弋戈

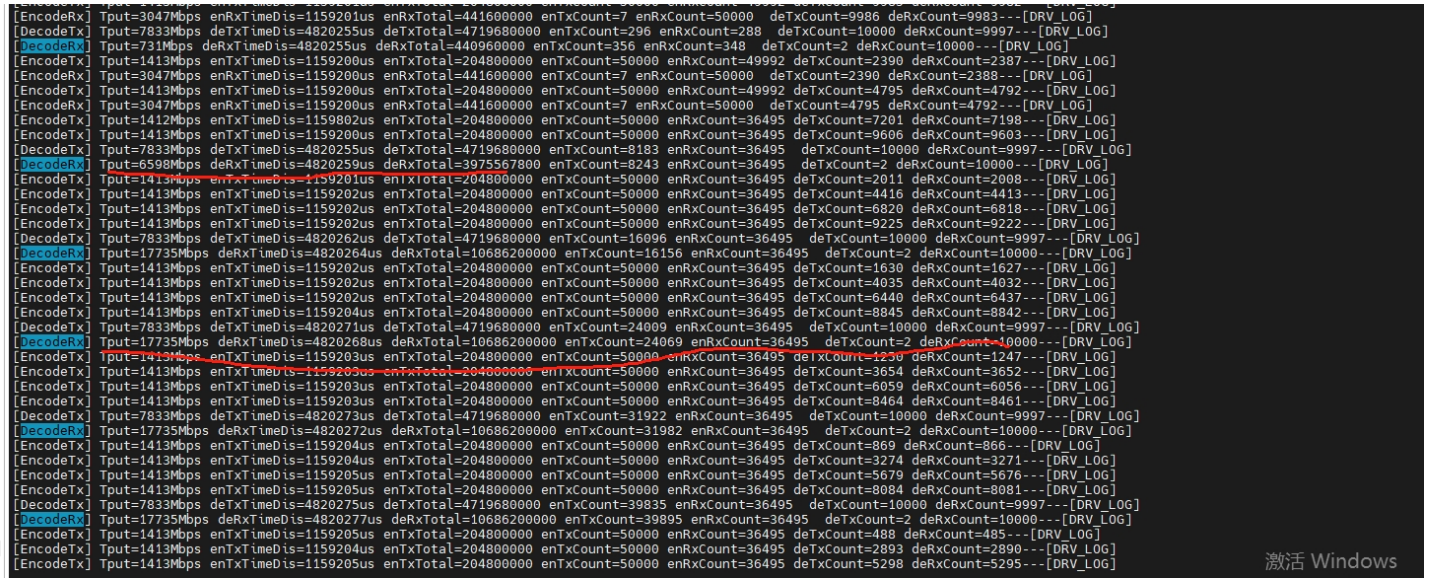
状态:	已解决	开始日期:	2023-10-28
优先级:	普通	计划完成日期:	
指派给:		% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时
描述			

历史记录

#1 - 2023-10-28 17:28 - 战 弋戈

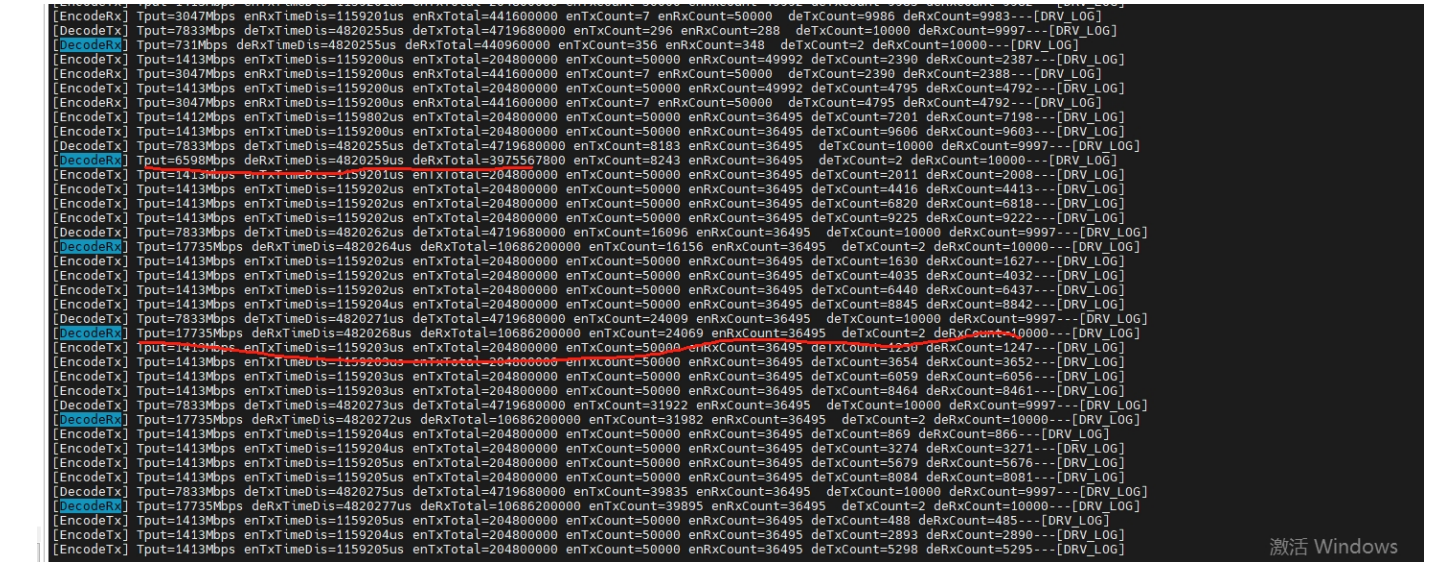
- 文件 d7839fa0-cc35-4ffe-b2ae-015f7c7c0a10.jpeg 已添加

- 主题 从 飞腾arm 处理器下，用Fecdemo1测试，会出现DecodeRX减半的情况。 变更为 飞腾arm 处理器下，用Fecdemo1测试，会出现DecodeRX速率增加的情况。



#2 - 2023-10-28 18:00 - 战 弋戈

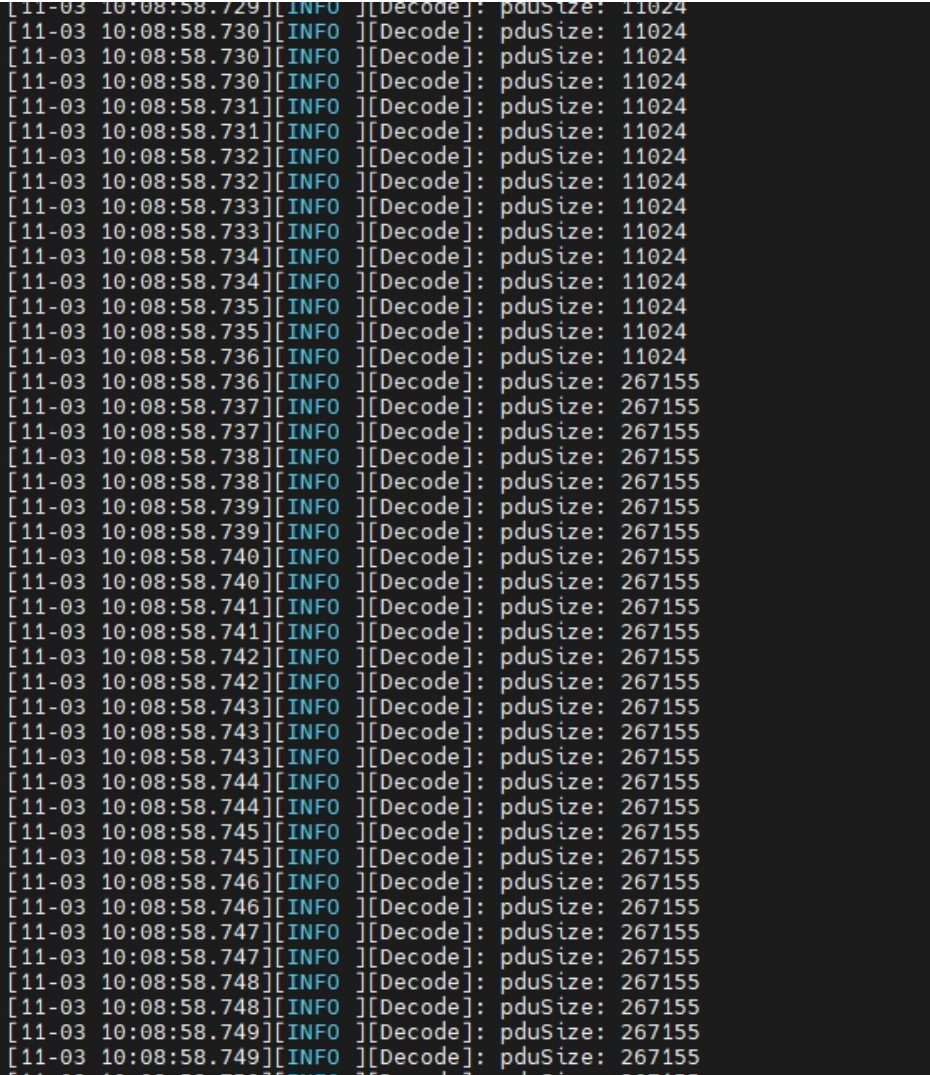
战 弋戈 写到：



对比 好的情况下的关系，应该有4对 EncodeTx，EncodeRx 后出现DecodeTx，DecodeRx。当出现速率增大时，发现Encode 会少Rx。

#3 - 2023-11-03 10:13 - 战 弋 戈

- 文件 已添加



对FecDemo1的接收解码数据进行打印，发现头文件突然增大。这可能是造成decode 突然增大的原因。

#4 - 2023-11-03 12:19 - 战 弋 戈

```
[11-03 12:17:02.747][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.748][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.748][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.749][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.749][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.750][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.750][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.750][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.751][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.751][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.752][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.752][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.753][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.753][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.754][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.754][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.755][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.755][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.756][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.756][INFO][Decode]: pduSize: 11024, chkCode: 0x0000fafa, pktType: 0x00000011
[11-03 12:17:02.757][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.757][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.758][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
```

[11-03 12:17:02.758][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.759][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.759][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.760][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.760][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.761][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.761][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.762][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.762][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.763][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.763][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.764][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.764][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.764][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.765][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.765][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.766][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.766][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.767][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030
[11-03 12:17:02.767][INFO][Decode]: pduSize: 267155, chkCode: 0x00003332, pktType: 0x00000030

当发生rx突然变大时，数据已经错乱了。

#5 - 2023-11-16 12:14 - 杨晋

- 状态从新建变更为进行中

用Fecdemo1测试，测试一会，出现没有编码，译码速率增加的情况。Fecdemo2测试没有这个问题。
Fecdemo1驱动不等完成标志，就发下一包，导致fpga 编码异常。

#6 - 2023-11-16 12:15 - 杨晋

- 状态从进行中变更为已解决

全系统测试时，物理层是等一包的完成标志，才发下一包，所以这个问题可以不关注

文件

d7839fa0-cc35-4ffe-b2ae-015f7c7c0a10.jpeg	779 KB	2023-10-28	战 弋 戈
img_v2_c0be9f9e-6369-40c0-ba29-83035378606g.jpg	344 KB	2023-11-03	战 弋 戈