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Memo

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# Comments on FH Bridge Demo Program

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| Startup MENU |
| ------------------ Partition Change: Start ------------------ Policers: 8000 PCE HW rules 32000 Chip Revision: WP3 Rev B.2 Re-init PCE Hash Re-init INT RAM ------------------ Partition Change: Finish ----------------- CREATING PECS: handle returned: d8100001 CREATING PECS: handle returned: d8100002 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Ethernet Bridge Demo  Hot keys: m=Main Menu, u=Upper Menu, d=Display Cur Menu, q=Quit  Name: Main Menu  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  **1. -> FH Test Menu 2. -> Vlan Menu 3. -> Aging Menu 4. -> Learning Menu 5. -> System Statistics 6. <> Dump FDB entry 7. <> Flush FDB by Vlan 8. -> Performance test 9. <> Quit 10. FiberHome Test Menu** # Enter your command: |
| \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Ethernet Bridge Demo  Hot keys: m=Main Menu, u=Upper Menu, d=Display Cur Menu, q=Quit  Name: FiberHome Test Menu  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 1**. -> IPV6 filtering** 2. **-> L4 port filtering(有流控， 发的太快会被丢弃. 只检测port.代码里写死了限速7000k. WPE\_Create\_Pce\_Policer()定义了限速)** 3. **-> L4 subtype filtering(WTE\_CreateUDFSet()这个函数里定义了L4的子类型的位置， 也就是偏移量， 目前是十进制的10)** **4. -> Reserved MAC filtering(PCE\_RulesAdd()里的mac定义了这个保留的mac地址.也可以通过手工在菜单输入.符合这个MAC地址的包将被转发到HOST在串口上打印出来)** 5. -> Max Learned Mac by port # Enter your command:1  Enter IPV6 address > e.g. **00-01-02-03-04-05-06-07-08-09-0a-0b-0c-0d-0e-0f**   * (comments: ipv6的地址的输入就按照上面这个输入， 不要搞些花哨的东西免得出错 * 如果收到的包不匹配任何规则， 那么就定向到host port去了， 会在串口上打印出来. * 我们只匹配Dest IPv6的地址， 不匹配Source的IPV6的地址 * Jerry测试的时候， 在我们的IXIA仪表上使用了仪表的PORT1, 4, 使用的不是光纤， 而是网线及其对应的copper SFP, 使用什么样的激光器， 仪表上需要对应的设置.) |
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|  | There is no **freerun** mode, only **interactive** mode |
|  | This demo run in **Linux** env, not in **WinMon** . |
| Req 1 | 128-bit complete IPv6 address.  **WPE\_CreateIPV6MatchPceRule()** |