

กรม
พาณิชย์
และ
การต่างประเทศ

ภาคผนวก

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โปรแกรมวิเคราะห์ปัญหาที่เกิดขึ้นระหว่างการทดสอบอุปกรณ์อิเล็กทรอนิกส์

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#!/bin/csh -f

echo "Collecting Config of " $STATION_HOST

#set Time=`date '+%h%d_%T'`

tconfig -rev > "$STATION_HOST"_config_"$Time"

Start:
echo -n "Select by Sequencer (Y/N) : "
set SEQ_ans=($<)
if ($SEQ_ans == Y || $SEQ_ans == y) then
    echo -n "What is the sequencer?      : "
    set SEQ=($<)
    grep " $SEQ" ~shop/TER/Script/Dbase/Tiger/Tgr*/*.txt | cut -f1 -d":" | cut -f10 -d"/" >
Base
    @ List=`grep " $SEQ" ~shop/TER/Script/Dbase/Tiger/Tgr*/*.txt | wc -l`
else
    echo -n "What is the Test Number?    : "
    set SEQ=($<)
    grep " $SEQ " ~shop/TER/Script/Dbase/Tiger/Tgr*/*.txt | cut -f1 -d":" | cut -f10 -d"/" >
Base
    @ List=`grep " $SEQ " ~shop/TER/Script/Dbase/Tiger/Tgr*/*.txt | wc -l`
endif

Choose:
echo "Total in Database = " $List

@ n_file = 1
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if ($List > 0) then
    foreach i (`awk '{print $1}' Base`)
        echo "$n_file    " $i
        @ n_file += 1
    end
else
    echo "No Data Base"
    goto New_case
endif

echo -n "Do you want to choose from Dbase? Y/N : "
set d_sel=($<)
if ($d_sel == n || $d_sel == N) then
    goto New_case
endif

echo -n "Please choose Dbase :  "
set Sel=($<)
if ($Sel > $List) then
    echo "Choose again"
    goto Choose
else
    echo " "
    set view=`cat Base | head -$Sel | tail -1`
    cat ~shop/TER/Script/Dbase/Tiger/Tgr*/$view | awk '/Sequencer/,/Bin:/'
#    rm view
endif

echo " "

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echo -n "Please specific site : "

set ans=(<)

echo " "

if ($ans == 0) then
    cat ~shop/TER/Script/Dbase/Tiger/Tgr*/$view | awk '/Site0/,/End/'
else if ($ans == 1) then
    cat ~shop/TER/Script/Dbase/Tiger/Tgr*/$view | awk '/Site1/,/End/'
else if ($ans == 2) then
    cat ~shop/TER/Script/Dbase/Tiger/Tgr*/$view | awk '/Site2/,/End/'
else if ($ans == 3) then
    cat ~shop/TER/Script/Dbase/Tiger/Tgr*/$view | awk '/Site3/,/End/'
endif

echo " "

goto Ans_choose

New_case:
textedit "$STATION_HOST"_"$Time".txt&
if ($SEQ == 4300) then
    echo "The problem might come from RWCLK_TEST1 or TJA"
    echo -n "14582 <= (F) <= 14590 : Y/N : "
    set Sel_ans=(<)
    if ($Sel_ans == Y || $Sel_ans == y) then
        echo -n "Fail all sites : Y/N : "
        set all_ans=(<)
        if ($Sel_ans == Y || $Sel_ans == y) then
            echo "Please swap TJA"
        endif
    else

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echo -n "Please select Site : "
set Sel_site=$(<)
if ($Sel_site == 0) then
    echo "RWCLK_TEST1 = Digital Slot#48"
else if ($Sel_site == 1) then
    echo "RWCLK_TEST1 = Digital Slot#59"
else if ($Sel_site == 2) then
    echo "RWCLK_TEST1 = Digital Slot#37"
else if ($Sel_site == 3) then
    echo "RWCLK_TEST1 = Digital Slot#31"
endif
endif

else if ($SEQ == 4301) then
    echo "The problem might come from RWCLK_TEST1"
    echo -n "Please select Site : "
    set Sel_site=$(<)
    if ($Sel_site == 0) then
        echo "RWCLK_TEST1 = Digital Slot#48"
    else if ($Sel_site == 1) then
        echo "RWCLK_TEST1 = Digital Slot#59"
    else if ($Sel_site == 2) then
        echo "RWCLK_TEST1 = Digital Slot#37"
    else if ($Sel_site == 3) then
        echo "RWCLK_TEST1 = Digital Slot#31"
    endif
endif

else if ($SEQ == 4302) then
    echo "The problem might come from TST1"
    echo -n "Please select Site : "

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set Sel_site=( $\$<$ )
if ($Sel_site == 0) then
    echo "RWCLK_TEST1 = Digital Slot#48"
else if ($Sel_site == 1) then
    echo "RWCLK_TEST1 = Digital Slot#59"
else if ($Sel_site == 2) then
    echo "RWCLK_TEST1 = Digital Slot#37"
else if ($Sel_site == 3) then
    echo "RWCLK_TEST1 = Digital Slot#31"
endif

else if ($SEQ == 4303) then
    echo "The problem might come from TST2"
    echo -n "Please select Site : "
    set Sel_site=( $\$<$ )
    if ($Sel_site == 0) then
        echo "RWCLK_TEST1 = Digital Slot#48"
    else if ($Sel_site == 1) then
        echo "RWCLK_TEST1 = Digital Slot#59"
    else if ($Sel_site == 2) then
        echo "RWCLK_TEST1 = Digital Slot#37"
    else if ($Sel_site == 3) then
        echo "RWCLK_TEST1 = Digital Slot#31"
    endif

else if ($SEQ == 4304 || $SEQ == 4305 || $SEQ == 4306 || $SEQ == 4307 || $SEQ == 4308 ||
$SEQ == 4309 || $SEQ == 4310 || $SEQ == 4311 || $SEQ == 4312 || $SEQ == 4313) then
    echo "The problem might come from AWG5000 or Digital Pin"
    echo -n "Fail Site0 and Site2 (Y/N) : "
    set Sel_ans=( $\$<$ )

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if ($Sel_ans == Y || $Sel_ans == y) then
    echo "The problem come from AWG5000 MF#3 at PACs#2 slot#3"
else if ($Sel_ans == N || $Sel_ans == n)then
    echo -n "Fail Site1 and Site3 (Y/N) : "
    set Sel_ans=(<)
    if ($Sel_ans == Y || $Sel_ans == y) then
        echo "The problem come from AWG5000 MF#2 at PACs#1 slot#4"
    else
        echo -n "Please put the failure value : "
        set Fail_val=(<)
        if ($Fail_val < 100) then
            echo -n "Please select Site : "
            set Sel_site=(<)
            if ($Sel_site == 0) then
                echo "The problem might come from PE32 Slot#50"
            else if ($Sel_site == 1) then
                echo "The problem might come from PE32 Slot#52"
            else if ($Sel_site == 2) then
                echo "The problem might come from PE32 Slot#40"
            else if ($Sel_site == 3) then
                echo "The problem might come from PE32 Slot#43"
            endif
        else
            echo -n "Please select Site : "
            set Sel_site=(<)
            if ($Sel_site == 0) then
                echo "The problem might come from PE32 Slot#48"
            else if ($Sel_site == 1) then
                echo "The problem might come from PE32 Slot#59"
            else if ($Sel_site == 2) then

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        echo "The problem might come from PE32 Slot#37"
    else if ($Sel_site == 3) then
        echo "The problem might come from PE32 Slot#31"
    endif
endif
endif
endif

else if ($SEQ == 4314 || $SEQ == 4315 || $SEQ == 4316 || $SEQ == 4317 || $SEQ == 4318 ||
$SEQ == 4319 || $SEQ == 4320 || $SEQ == 4321 || $SEQ == 4322 || $SEQ == 4323 || $SEQ ==
4324 || $SEQ == 4325) then
    echo "The problem might come from AWG5000 or Digital Pin"
    echo -n "Fail Site0 and Site2 (Y/N) : "
    set Sel_ans=(<)
    if ($Sel_ans == Y || $Sel_ans == y) then
        echo "The problem come from AWG5000 MF#3 at PACs#2 slot#3"
    else if ($Sel_ans == N || $Sel_ans == n)then
        echo -n "Fail Site1 and Site2 (Y/N) : "
        set Sel_ans=(<)
        if ($Sel_ans == Y || $Sel_ans == y) then
            echo "The problem come from AWG5000 MF#2 at PACs#1 slot#4"
        else
            echo -n "Please select Site : "
            set Sel_site=(<)
            if ($Sel_site == 0) then
                echo "The problem might come from PE32 Slot#47"
            else if ($Sel_site == 1) then
                echo "The problem might come from PE32 Slot#51"
            else if ($Sel_site == 2) then
                echo "The problem might come from PE32 Slot#38"
            endif
        endif
    endif
endif
endif
endif

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        else if ($Sel_site == 3) then
            echo "The problem might come from PE32 Slot#32"
        endif
    endif
endif

else
    echo "No Solution for now"
endif

goto Ans_cont

Ans_choose:
echo -n "Do you want to choose again? (y/n) : "
set ans=$(<)
if ($ans == y||$ans == Y) then
    goto Choose
endif

Ans_cont:
echo -n "Do you want to continue? (y/n) : "
set ans=$(<)
if ($ans == y||$ans == Y) then
    clear
    goto Start
endif
```