

```

#!/bin/csh -f
## Get 4D data file information hsfile, sen_loc and header
##

echo ""
echo ""
echo Get 4D Info
echo EP19990413
echo ""
## Edit the line below to send the output to a main subject directory of your choice.
set outputfilebase = "/home/msidaw1/all_subjects_info"

set wait_for_return = true


set sel_file = "get_bti_info_$$.sel"
set current_sel_file = "get_bti_info_$.csl"
set log_file = "get_bti_info_$.log"

if ( -f ${sel_file} ) then
    /bin/rm -f ${sel_file}
endif
if ( -f ${current_sel_file} ) then
    /bin/rm -f ${current_sel_file}
endif
if ( -f ${log_file} ) then
    /bin/rm -f ${log_file}
endif
#
# Set up a selection file:
#
echo "Getting the posted selection..."
echo ""
/home/$STAGE/map/bin/get_posted_sel > $sel_file
if ( -z $sel_file ) then
    echo "Error no posted selection."
    /bin/rm -f ${sel_file}
    goto terminate
endif
set num = `get_num_sel $sel_file`
echo "There are $num posted selection(s):"
echo ""
cat $sel_file
echo ""
echo ""
echo "Press Return to process the above selection(s)"
set response = $<

@ i = 0
while ($i < $num)
    @ i++
    set level = `level_in_sel $sel_file $i`
    if ( $level == 5 ) then
        get_full_sel p $sel_file $i > $current_sel_file
        echo "Processing file selection # $i"
        set jnk = `cat $current_sel_file | awk '{print $2}'`
        set pid = `echo $jnk | sed s/\\/\\/g`
    fi
endwhile

```

```

set jnk = `cat $current_sel_file | awk '{print $4}'`
set scan = `echo $jnk | sed s/\\/\\/g`
set jnk = `cat $current_sel_file | awk '{print $9}'`
set rundir = `echo $jnk | sed s/\\/\\/g`

set run = `get_full_sel r $sel_file $i`
set pdf = `get_full_sel p $sel_file $i`
if ( ! -d ${outputfilebase}/${pid}) then
    echo "Creating directory ${outputfilebase}/${pid}"
    mkdir ${outputfilebase}/${pid}
endif
if (! -d ${outputfilebase}/${pid}/${scan}) then
    echo "Creating directory ${outputfilebase}/${pid}/${scan}"
    mkdir ${outputfilebase}/${pid}/${scan}
endif
if (! -d ${outputfilebase}/${pid}/${scan}/${rundir}) then
    echo "Creating directory ${outputfilebase}/${pid}/${scan}/${rundir}"
    mkdir ${outputfilebase}/${pid}/${scan}/${rundir}
endif

    eval convert $pdf -H -C >${outputfilebase}/${pid}/${scan}/${rundir}/header
    eval print_hs_file $run >${outputfilebase}/${pid}/${scan}/${rundir}/hsfile
    eval config_printer $run -H >${outputfilebase}/${pid}/${scan}/${rundir}/sen_loc
    echo " "
else
    echo "Ignoring selection $i, can only process pdf selections"
    echo " "
endif
end

end

terminate:
if ( $?wait_for_return ) then
    echo ""
    echo "Press return to continue"
    set response = $<
if ( -f ${sel_file} ) then
    /bin/rm -f ${sel_file}
endif
if ( -f ${current_sel_file} ) then
    /bin/rm -f ${current_sel_file}
endif
if ( -f ${log_file} ) then
    /bin/rm -f ${log_file}
endif

endif
exit 1

```