

```

#!/usr/local/bin/bash
source /opt/pxlcommon/stats/applications/sdd/setcp

sdduser=username
sddpassword="xxxxxxxxxxxxxx"

get_latest_edt()
{
#@USAGE get_latest_edt edt_name file_match_partten old_zipfile old_file_extra
/opt/java6/bin/java sample.SASDrugDevCommand -s https://sddcampine.ondemand.sas.com -u ${sdduser} -
p ${sddpassword} -repository_list ${sdd_dir} -verbose -showChildren > ${1}_raw
grep -i "path:" ${1}_raw |sed 's/^path:\ //g' > ${1}_file_lst
grep -i "Attribute lastModified has value:" ${1}_raw |sed 's/^[\ \t]*\//;s/[\ \t]*$//' | tr " " "\t"
> ${1}_file_ctime
awk -F'\t' '{print $7 , $6 , $10 , $8 }' ${1}_file_ctime | while read day monthname year ptime
do
    monthname=${monthname^^}
    case $monthname in ## convert $monthname to number
        JAN*) month=01 ;;
        FEB*) month=02 ;;
        MAR*) month=03 ;;
        APR*) month=04 ;;
        MAY*) month=05 ;;
        JUN*) month=06 ;;
        JUL*) month=07 ;;
        AUG*) month=08 ;;
        SEP*) month=09 ;;
        OCT*) month=10 ;;
        NOV*) month=11 ;;
        DEC*) month=12 ;;
        [1-9]|1[0-2]) month=$monthname ;; ## accept number if entered
        *) echo "Invalid month: $monthname" >&2 ;;
    esac
    echo -e "${year}${month}${day}T${ptime}"
done > ${1}_file_ctime_num
paste -d'\t' ${1}_file_ctime_num ${1}_file_lst | grep -i "$2" | awk
'BEGIN{FS="\t";OFS="\t";ORS="\n"}{print $1, $(NF) , $8 , $7 , $11 , $9 }' | \
sort -t '$\t' -k1n | tail -n 1 | cut -d'$\t' -f2- | sed 's/\//\ /g' > ${local_dir}/${1}_info.txt

fileinfo_new="$(cat ${local_dir}/${1}_info.txt | tr '\t' ' ')"
if [ -f ${local_dir}/${1}_info.txt ]
then
    fileinfo_old="$(cat ${local_dir}/${1}_info.txt)"
else
    fileinfo_old=""
fi

if [ "$fileinfo_old" != "$fileinfo_new" ]
then

    eval latest_${1}="$(awk -F'\t' '{ print $1 }' ${local_dir}/${1}_info.txt )"
    latest_temp="$(eval echo \${latest_${1}})"

    echo -e "\033[32m $latest_temp will be download \033[0m"

    if (( ${#3} > 1 ))
    then
        rm -f ${local_dir}/${3}
    fi
    if (( ${#4} > 1 ))
    then
        rm -f ${local_dir}/${4}
    fi

    /opt/java6/bin/java sample.SASDrugDevCommand -s https://sddcampine.ondemand.sas.com -u
${sdduser} -p ${sddpassword} -download_repository_file "$latest_temp" "${local_dir}/${1}_info.txt"
$latest_temp | awk -F/ '{print $(NF)}' )"

    if [ "$(echo $latest_temp | awk -F. '{print tolower($(NF))}')" = "zip" ]
    then
        unzip -o -LL ${local_dir}/${1}_info.txt | awk -F/ '{print $(NF)}' ) -d
${local_dir} && cat ${local_dir}/${1}_info.txt | tr '\t' ' ' > ${local_dir}/${1}_info.txt
        elif [ "$(echo $latest_temp | awk -F. '{print tolower($(NF))}')" = "sas7bdat" ] && [ $(echo
$latest_temp | awk -F/ '{print tolower($(NF))}')" != $(echo $latest_temp | awk -F/ '{print $(NF)}')
]
        then
            mv ${local_dir}/${1}_info.txt | awk -F/ '{print $(NF)}' ) ${local_dir}/${1}_info.txt
            "$latest_temp" | awk -F/ '{print $(NF)}' | tr '[A-Z]' '[a-z]' && cat ${local_dir}/${1}_info.txt |
tr '\t' ' ' > ${local_dir}/${1}_info.txt
        else

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cat ${local_dir}/${1}_info.txt | tr '\t' ' ' > ${local_dir}/${1}_info.txt
fi
```

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else
    echo -e `cat ${local_dir}/${1}_info.txt` " is the latest, no need update "
fi
```

```
rm -f ${1}_raw ${1}_file_lst ${1}_file_ctime* ${local_dir}/${1}_info.txt
```

```
unset local_dir
unset sdd_dir
unset fileinfo_old
unset fileinfo_new
unset latest_temp
}
```

```
#-----IWRS ZR -----
local_dir=/projects/jjprd224002/stats/transfer/data/rawrand
sdd_dir=/SAS/3952/56022473AML2002/Files/Staging/IWRS_IWRS
get_latest_edt zr "AML2002_ZR_.....\.sas7bdat" "*zr*.sas7bdat"
```

```
#-----Sample tracking -----
local_dir=/projects/jjprd224002/stats/transfer/data/edt
sdd_dir=/SAS/3952/56022473AML2002/Files/Staging/LAB/Biomarkers
get_latest_edt st "_ST_.....*.zip" "*_ST_*.zip" "containertrac.sas7bdat"
sampt rac.sas7bdat"
```

```
#-----BCP -----
local_dir=/projects/jjprd224002/stats/transfer/data/edt
sdd_dir=/SAS/3952/56022473AML2002/Files/Staging/PK_Office/PC_Sample_Identifier
get_latest_edt bcp "_SAMPID_.....\.zip" "JNJ56022473AML2002_SAMPID*.zip"
"*aml2002_sampid***.*"
```

```
#-----PRA LIMS -----
local_dir=/projects/jjprd224002/stats/transfer/data/edt
sdd_dir=/SAS/3952/56022473AML2002/Files/Staging/PK_Office/PC_Sample_Identifier
get_latest_edt pra "_LIMS_.....\.zip" "JNJ56022473AML2002_LIMS*.*"
"jnj56022473aml2002_lims***.*"
```

```
#-----BARC Covance_lb -----
local_dir=/projects/jjprd224002/stats/transfer/data/edt
sdd_dir=/SAS/3952/56022473AML2002/Files/Staging/LAB/Biomarkers
get_latest_edt covance_lb "_LB_.....*.ZIP" "*_LB_*.ZIP" "covance_lb.sas7bdat"
```

```
#-----BARC Covance_pr -----
local_dir=/projects/jjprd224002/stats/transfer/data/edt
sdd_dir=/SAS/3952/56022473AML2002/Files/Staging/LAB/Biomarkers
get_latest_edt covance_pr "_PR_.....*.ZIP" "*_PR_*.ZIP" "covance_pr.sas7bdat"
```

```
#-----VUMC -----
local_dir=/projects/jjprd224002/stats/transfer/data/edt
sdd_dir=/SAS/3952/56022473AML2002/Files/Staging/LAB
get_latest_edt vumc "_LB_VUMC_.....\.csv" "*_LB_VUMC_*.csv"
```

```
#-----JNJ heme -----if your target filename contain space or other string,
please use \ escape them -----
local_dir=~ /test
sdd_dir=/SAS/4207/63935937MYF2001/Files/Staging/LAB_JNJ_HEME
get_latest_edt heme "_hTERT\ Data\ Table_.....\.xlsx" "*_hTERT Data Table_*.xlsx"
```