```
/*
      Clarity_ETL checks for today's Clarity token drop.

      If the token dropped then:
           Check if this the first time we've seen the token drop for this particular job (jobid)?
               Yes: abort the job
               No: Record a success drop in the trigger table for the job.   e-mail success.
      If the token did not drop then abort the job.

      If the current time is greater than the check time then send out a failure e-mail
*/



%macro Clarity_ETL(jobid=,checktime=);

%let etllib = /apps/sas/datasets/data26/NCREVCYC/data/Clarity_ETL;
libname etllib "&etllib";

/* Test if Clarity token dropped */
options nomprint;
proc sql;
connect to teradata as hcclnc(db=hcclnc tdpid=tdp1 user=&CLR_NC_USERID
password=&CLR_NC_PW);
create table Clarity_ETL (compress=yes) as
select * from connection to hcclnc
(
Select
     TokenDate,
     TokenTime
from publicinfo.TokenXDailyETL
where TokenDate = current_date and TokenStatus = 'Drop'
);
disconnect from hcclnc;
quit;
options mprint;

/* Create macro variable (observations) that contains observations in Clarity_ETL */
proc sql;
      select count(*) into :observations
            from Clarity_ETL;
quit;

%put &observations;

/* Set abort return value if no Clarity ETL */
%if &observations eq 0 %then %do;

/* If the current time is past the parameter time, then send out failure message */
%let time       = %sysfunc(time(),time8.0);
%let checktimehhmmss = &checktime.:00;
%if %sysevalf("&time"t > "&checktimehhmmss"t) %then %do;
filename failure email
        to="finance.and.reporting@kp.org"
/*        to="stephen.x.fiorelli@kp.org"        */
        from="finance.and.reporting@kp.org"
        subject="(Auto e-mail) SAS BI job(&jobid.) failed to trigger from Clarity ETL"
```

```sas
;

data _null_;
      file failure;
run;
%end;

%abort return 99;

%end;

/* Clarity ETL occurred if we get here        */

/* Check if we have already set the Clarity ETL flag */
/* If this is the first time then e-mail success       */

%let status = N;

PROC SQL;
      select
                clarity_service_status into :status
            from etllib.clarity_job_trgr
            where clarity_service_trigger_date = today() and jobid=&jobid;
QUIT;

%put status = &status;

/*
    If we already set the status flag to ETL complete, then we
    don't have to do it again.   Simply abort so we don't trigger
    (alreaady triggered once.
*/

%if &status=Y %then %abort return 99;

filename success email
            to="finance.and.reporting@kp.org"
/*          to="stephen.x.fiorelli@kp.org"         */
            from="finance.and.reporting@kp.org"
            subject="(Auto e-mail) SAS BI job(&jobid.) successfully triggered from Clarity ETL"
;

data _null_;
      file success;
run;

PROC SQL noprint;
      INSERT INTO etllib.clarity_job_trgr
          SET jobid = &jobid,
              clarity_service_status = "Y",
              clarity_service_trigger_date = today();
QUIT;

%mend;
```