TEDBDF43 JOB

**Job Header**

// TEDBDF43 JOB (EDWB,B17), CMS CLAIMS", MSGCLASS=X, CLASS=O,

// JOBPARM SYSAFF=SYSE

* **TEDBDF43 JOB**: Declares the job with a name, account information (EDWB,B17), and description (CMS CLAIMS).
* **MSGCLASS=X, CLASS=O**: Specifies message and execution classes for job output and priority.
* **JOBPARM SYSAFF=SYSE**: Indicates the system affinity for the job.

Job Description

jOB DESCRIPTION: \*============================================================\* \* This process is part of the EDW EUAL CMS FHIR outbound. This is for the EOB OP (Out Patient) subject area. This is a Teradata process that is controlled by a driver table created in a previous job and produces a Teradata work table. Job is completely rerunnable even if the BTEQ fails in middle.

* Describes the **process purpose**:
  + Focus: Outpatient (OP) claims.
  + Produces a Teradata work table based on a driver table created by a previous job.
* **Key details**:
  + Frequency: **Daily**.
  + Fully rerunnable even if failures occur in a step.
  + Dependencies: The PEDWDF job must complete successfully before this job starts.

Libraries Setup

// JOBLIB DD DSN=ENDEVOR.PROD.STAGE2.PGMLIB,DISP=SHR

// DD DSN=ENDEVOR.PROD.STAGE2.LOADLIBA,DISP=SHR

// DD DSN=ENDEVOR.PROD.STAGE2.LOADLIB,DISP=SHR

// DD DSN=ENDEVOR.PROD.STAGE2.DB2LIB,DISP=SHR

// DD DSN=TDBS.DB2.DBC.APPLOAD,DISP=SHR

// DD DSN=TDBS.DB2.DBC.TRLOAD,DISP=SHR

// DD DSN=CPUB.SCHD.VENDLOAD,DISP=SHR

// DD DSN=SYS1.MARCRO4.IN.LOADLIB,DISP=SHR

specifies the libraries to be used for the job. These libraries contain the programs and routines needed for execution.

**JOBLIB**:

* Lists datasets (e.g., ENDEVOR.PROD.STAGE2.PGMLIB) containing programs or libraries needed for execution.
* Includes libraries for DB2 and Teradata components (TDBS.DB2.DBC.APPLOAD).

Environment Variables

// SET EDWENV='J'

// SET HLQ1='TEDW0'

// SET ENV='TB'

// SET SUBJ='EOBOP'

// SET TENV='TENV2'

// SET SASV='SASPDBC'

These lines set various job environment variables like EDWENV, HLQ1, ENV, SUBJ, TENV, and SASV.

**Dynamic values** set using SET statements:

* EDWENV='J': Identifies the environment.
* HLQ1='TEDW0': High-level qualifier for dataset naming.
* ENV='TB': Environment name (test).
* SUBJ='EOBOP': Subject area.
* TENV='TENV2': Target environment.

**Execution Steps**

* **STEP005**

// STEP005 EXEC &SASV,PARM='SYSPARM="&EDWENV,&SUBJ,&TENV"'

Executes a SAS job (&SASV) with SYSPARM parameters: **environment (EDWENV), subject (SUBJ), and target environment (TENV)**.

Defines datasets used as input/output:

* Input datasets for claims data (e.g., MVDATA, WVDATA).
* Output datasets for transformed chunks (e.g., HMCHNK, WVCHNK).
* Specifies dataset properties: DISP, UNIT, SPACE, and DCB.

Executes the SAS program specified by &SASV, passing parameters defined by the previous SET commands.

Define Data Files:

// MVDATA DD DSN=&HLQ1..FHIR.&ENV..&SUBJ..HM.CHUNK(0), DISP=SHR

// WVDATA DD DSN=&HLQ1..FHIR.&ENV..&SUBJ..WV.CHUNK(0), DISP=SHR

// ... (similar lines for other data files)

// HMCHNK DD DSN=&HLQ1..FHIR.&ENV..&SUBJ..HMCHNK.SCRIPT(+1),

// DISP=(NEW,CATLG,CATLG), UNIT=PROD,SPACE=(TRK,(10,1),RLSE),

// DCB=(JCL.MODLDCSB,RECFM=FB,LRECL=80,BLKSIZE=0)

// ... (similar lines for other chunk scripts)

Defines various data files to be used and created by the SAS program. The DISP parameter sets the disposition of the files (e.g., SHR for shared, NEW for new files).

Output and Logging:

// SASLIST DD SYSOUT=\*

// SASLOG DD SYSOUT=\*

// SYSIN DD DSN=&SASLIB.(EDWFHLNX),DISP=SHR

specifies output locations for the SAS list and log files. SYSIN points to the SAS program input dataset.

**SASLIST and SASLOG**: Capture SAS program output and logs.

**SYSIN**:

* Refers to SAS source (&SASLIB.(EDWFHLNX)).
* May include login credentials for data libraries (commented out in this case).

**Abend Step:**

// IF (STEP001.SASP.RC > 00) THEN

// STEP001A EXEC PGM=ABEND

// ENDIF

Includes a conditional step to abend (abnormally end) the job if the SAS step returns a non-zero return code.