**TEDBDF50 JOB**

**Job Definition and Parameters:**

// TEDBDF50 JOB (EDWB, CC4508), 'CMS CLAIMS', MSGLEVEL-1, MSGCLASS-X, CLASS-O, REGION=0M

// JOBPARM SYSAFF=SYSF

**TEDBDF50 JOB:** This is the job card that identifies the job. MSGLEVEL sets the message level for job logging. MSGCLASS determines the class of messages to be output. CLASS sets the job class, and REGION specifies the memory region.

The job is named TEDBDF50 and has the following parameters:

* **MSGLEVEL=1**: Controls the level of messages printed.
* **MSGCLASS=X**: Specifies the output class for system messages.
* **CLASS=O**: Indicates the workload management class.
* **REGION=0M**: Allocates maximum memory to the job.
* **SYSAFF=SYSF**: Restricts the job to run on system SYSF.

**JOBPARM SYSAFF=SYSF:** Indicates system affinity to SYSF.

**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 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 the middle.\*

SUBSYSTEM: Edw

JOB DEPENDENCIES: PEDWD

JOBS INVOKED: PEDWD

FREQUENCY: DAILY

EARLY START TIME: 00:00

IMPACT IF DELAYED:

PRIMARY ANALYST: ON CALL LIST "TEST.EDW.ONCALL.DATA"

SPECIAL RESTART CONSIDERATIONS: job is completely rerunnable, requires Teradata resources.

This section provides a description of the job, its dependencies, frequency, early start time, primary analyst, and special considerations.

*  **Job Description**:
  + Points to Teradata environment TENV2 as of 2023-07-20.
  + Part of the EDW EUAL CMS FHIR outbound process.
  + Processes "EOB OP (Out Patient)" data to produce Teradata work tables.
  + Rerunnable even in case of a failure in BTEQ execution.
* **Dependencies**:
  + Dependent on job PEDWD and invokes PEDWD.
* **Frequency**: Scheduled daily at 00:00.
* **Restart Considerations**: Rerunnable without manual intervention

**Change Log:**

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DATE ANALYST PR # DESCRIPTION

2021-04-XX URANKER 100116 CMS CLAIMS

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**Records changes to the job, including dates and descriptions.**

**Library Setup:**

//JOBLIB DO DSN-TDBS.DB2.DBC.APPLOAD, DISP=SHR

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

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

**Environment Variables**

* **SET Commands:**
  + **ENV="PROD": Specifies that the job runs in the production environment by default.**
  + **ENVB='CEND': Indicates the environment base.**
  + **Dataset Variables:**
    - **DATALIB, DATALIB1, and DATALIB2 define libraries for handling input and output data.**

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// set the job environment variable

ENV - ENVENDEVOR ENVIRONMENT

NOTE: ALWAYS point to PROD unless there are RELEASE changes!!

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// SET ENV="PROD"

// SET ENVB='CEND'

// SET DATALIB='TEDWO.EDW.QA.J.DATA'

// SET DATALIB1='TEDWO.LIDNE2Z.APR2021.DATA.CMS.PROD'

// SET DATALIB1='ENDEVOR.PROD.STAGE2.DATA'

// SET DATALIB2='TEDW0.LIDSNXS.DATA'

These lines set various job environment variables like ENV, ENVB, DATALIB, DATALIB1, and DATALIB2.

Convert EUAL BTEQ Script:

**STEP005 EXEC SASTDBC:** Executes the SASTDBC program.

**FROMTO:** Defines the input dataset.

**SCRPTIN:** Points to the script input datasets.

**SCRPTOUT:** Points to the temporary output dataset.

//STEP005 EXEC SASTDBC

//FROMTO DD DSN=&DATALIB.(EDWEUP02), DISP=SHR

//SCRPTIN DD DSN=&DATALIB1.(EDWFB00C), DISP=SHR

//SCRPTIN DD DSN=&DATALIB2.(EDWFB00C), DISP=SHR

//SCRPTOUT DD DSN=&&TEMP, DISP=(,PASS,DELETE), UNIT=SYSDA, SPACE=(TRK,(10,20),RLSE), DCB=(RECFM=FB, LRECL=80, BLKSIZE=0)

//SASLIST DD SYSOUT=\*

//SASLOG DD SYSOUT=\*

//SYSIN DD DSN=TEDWO.EDW.QA.J.SAS(EDWCNV1S), DISP=SHR

**SASLIST and SASLOG:** Directs SAS list and log outputs to SYSOUT.

**SYSIN:** Points to the SAS program input dataset

Abend if SAS Job Step Fails:

\*-----------------------------------------------------------\*

\* abend if SAS job step fails \*

\*-----------------------------------------------------------\*

IF (STEP005.SASP.RC > 00) THEN

//STEP005A EXEC PGM=ABEND

ENDIY

\*-----------------------------------------------------------\*

\* abend if SAS job step fails \*

\*-----------------------------------------------------------\*

IF (STEP005.SASP.RC > 00) THEN

//STEP005A EXEC PGM=ABEND

ENDIY

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

**Run EDW EUAL CMS FHIR EOB OP Script:**

\*--------------------------------------------------------------------------\*

run EDW EUAL CMS FHIR EOB OP script

\*--------------------------------------------------------------------------\*

//

//STEP010 EXEC PGM=BTOMAIN

//SYSPRINT DD SYSOUT=\*

//SYSUDUMP DD SYSOUT=(R,,9511), FCB=DXLL, CHARS=GFC

//SYSABEND DD SYSOUT=\*

//SYSON DD DSN=TEDW0.EDW.QA.J.DATA(EDWLOGNE), DISP=SHR

DD DSN=&&TEMP, DISP=(OLD,DELETE,DELETE)

\*--------------------------------------------------------------------------\*

run EDW EUAL CMS FHIR EOB OP script

\*--------------------------------------------------------------------------\*

//

//STEP010 EXEC PGM=BTOMAIN

//SYSPRINT DD SYSOUT=\*

//SYSUDUMP DD SYSOUT=(R,,9511), FCB=DXLL, CHARS=GFC

//SYSABEND DD SYSOUT=\*

//SYSON DD DSN=TEDW0.EDW.QA.J.DATA(EDWLOGNE), DISP=SHR

DD DSN=&&TEMP, DISP=(OLD,DELETE,DELETE)

* **STEP010 EXEC PGM=BTOMAIN:** Executes the BTOMAIN program.
* **SYSPRINT, SYSUDUMP, SYSABEND:** Directs outputs to SYSOUT.
* SYSPRINT: Directs output to the system log.
* SYSUDUMP: Captures dump information in case of an error.

SYSABEND: Outputs diagnostic information for abends.

* **SYSON:** Points to the input datasets.

**Abend if SAS Job Step Fails:**

**Another conditional step to abend the job if the previous step returns a non-zero return code.**

abend if SAS job step failals \* \*-----------------------------------------------------------\*

IF (STEP010.RC > 00) THEN

//STEP010A EXEC PGM=ABEND

ENDIF

Conditional Statement

This line is a conditional statement checking the return code (RC) of STEP010. If the return code is greater than 0, which indicates an error or abnormal termination in STEP010, the condition is met and the subsequent steps will be executed.

**Execute Program (PGM=ABEND)**

If the condition (RC > 00) is true, this line will execute a program named ABEND. The ABEND program forces the job to terminate abnormally. STEP010A is the identifier for this step.

**End of Conditional Statement:**

This line signifies the end of the conditional statement. It marks the boundary of the actions that should be taken if the condition is met.