**Action (DW):**

1. **Create Table**: PRD\_ADW.MBIRDIE\_COUPON\_USG\_HIST to load data source coupon\_usage\_yyyymmdd using START\_DATE, END\_DATE to keep history

Data Source info:

* + - Path: 10.16.9.166 (mbirdie folder under dwftp2 account)
    - User Name:
    - File name: coupon\_usage\_yyyymmdd
    - Header: N/A
    - Footer: N/A
    - Full-set/ daily appended data:
      * Full-set update
    - Source Owner: ASD/ Eddy Mui
    - Table (Mapped with Cust\_Num and Subr\_Num):  
         
      To map Cust\_num, Subr\_num to data sources:  
       UPDATE PRD\_ADW.MBIRDIE\_COUPON\_USG\_HIST t1  
       SET CUST\_NUM, SUBR\_NUM = (SELECT t2.CUST\_NUM, t2.SUBR\_NUM   
       FROM PRD\_BIZ\_SUMM\_VW.   
       VW\_SUBR\_MBIRDIE\_REG\_INFO t2 ON  
       t1.USER\_ID = t2.USER\_ID)

WHERE EXISTS (  
 SELECT 1  
 FROM PRD\_BIZ\_SUMM\_VW.

VW\_SUBR\_MBIRDIE\_REG\_INFO t2 ON

t1.USER\_ID = t2.USER\_ID)

|  |  |  |  |
| --- | --- | --- | --- |
| Column Name | Data Type | Schema | Remarks |
| CUST\_NUM | VARCHAR2 (20 Byte) |  |  |
| SUBR\_NUM | VARCHAR2 (20 Byte) |  |  |
| COUPON\_CD | VARCHAR2 (100 Byte) | Coupon |  |
| PRPMOTION\_CD | VARCHAR2 (100 Byte) | Promotion |  |
| USER\_ID | VARCHAR2 (20 Byte) | Mobile ID |  |
| REDEEM\_DATE | DATE | Reg date |  |
| REDEEM\_TIME | NUMBER (6) | Reg date |  |
| EFFECTIVE\_DATE | DATE | Effective date |  |
| EFFECTIVE \_TIME | NUMBER (6) | Effective date |  |
| AMOUNT | NUMBER | Amount |  |
| STATUS | VARCHAR2 (20 Byte) | Status | Pending/ Done/Void/Change |
| START\_DATE |  |  | Created by change |
| END\_DATE |  |  | Created by change |

* + - Schema  
      Coupon|Promotion|Mobile ID|Reg date|Effective date|Amount|Status
    - Sample Data

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Coupon | Promotion | Mobile ID | Reg date | Effective Date | Amount | Status |
| BHC6H7DMPG9E | CITIC01 | 179368 | 28/12/2018 17:46 | 02/01/2019 19:46 | $140 | Done |
| BHC6H7DMPG9E | CITIC01 | 179368 | 28/12/2018 17:46 | 02/02/2019 19:46 | $140 | Done |
| BHC6H7DMPG9E | CITIC01 | 179368 | 28/12/2018 17:46 | 02/03/2019 19:46 | $140 | Done |
| BHC6H7DMPG9E | CITIC01 | 179368 | 28/12/2018 17:46 | 02/04/2019 19:46 | $140 | PENDING |
| BHC6H7DMPG9E | CITIC01 | 179368 | 28/12/2018 17:46 | 02/05/2019 19:46 | $140 | PENDING |
| BHC6H7DMPG9E | CITIC01 | 179368 | 28/12/2018 17:46 | 02/06/2019 19:46 | $140 | PENDING |

CREATE TABLE MIG\_ADW.D\_MBIRDIE\_COUPON\_USG

(

COUPON\_CD VARCHAR2(100 BYTE) DEFAULT ' ' NOT NULL,

PROMOTION\_CD VARCHAR2(100 BYTE) DEFAULT ' ' NOT NULL,

USER\_ID VARCHAR2(20 BYTE) DEFAULT ' ' NOT NULL,

REDEEM\_DATE DATE DEFAULT TO\_DATE('1900-01-01','YYYY-MM-DD') NOT NULL,

REDEEM\_TIME NUMBER(6) DEFAULT 0 NOT NULL,

EFFECTIVE\_DATE DATE DEFAULT TO\_DATE('1900-01-01','YYYY-MM-DD') NOT NULL,

EFFECTIVE\_TIME NUMBER(6) DEFAULT 0 NOT NULL,

AMOUNT VARCHAR2(10 BYTE) DEFAULT ' ' NOT NULL,

STATUS VARCHAR2(20 BYTE) DEFAULT ' ' NOT NULL,

START\_DATE DATE DEFAULT TO\_DATE('1900-01-01','YYYY-MM-DD') NOT NULL,

END\_DATE DATE DEFAULT TO\_DATE('1900-01-01','YYYY-MM-DD') NOT NULL,

CREATE\_TS TIMESTAMP(0) DEFAULT TO\_TIMESTAMP('1900-01-01 00:00:00','YYYY-MM-DD HH24:MI:SS') NOT NULL,

REFRESH\_TS TIMESTAMP(0) DEFAULT TO\_TIMESTAMP('1900-01-01 00:00:00','YYYY-MM-DD HH24:MI:SS') NOT NULL

);

INSERT /\*+ APPEND \*/ INTO MIG\_ADW.B\_MBIRDIE\_COUPON\_USG\_HIST\_001

(

CUST\_NUM

,SUBR\_NUM

,COUPON\_CD

,PROMOTION\_CD

,USER\_ID

,REDEEM\_DATE

,REDEEM\_TIME

,EFFECTIVE\_DATE

,EFFECTIVE\_TIME

,AMOUNT

,STATUS

,CREATE\_TS

,REFRESH\_TS

)

select

NVL(b.CUST\_NUM,' ') as CUST\_NUM

,NVL(b.SUBR\_NUM,' ') as SUBR\_NUM

,a.COUPON\_CD

,a.PROMOTION\_CD

,a.USER\_ID

,a.REDEEM\_DATE

,a.REDEEM\_TIME

,a.EFFECTIVE\_DATE

,a.EFFECTIVE\_TIME

,a.AMOUNT

,a.STATUS

,SYSDATE

,SYSDATE

from MIG\_ADW.D\_MBIRDIE\_COUPON\_USG\_HIST a

left outer join PRD\_BIZ\_SUMM\_VW.VW\_SUBR\_MBIRDIE\_REG\_INFO b

on a.USER\_ID = b.USER\_ID;

Kevin过了一次这个job的，也给了示例script 但是我做的发现的不清晰的地方

1．D\_MBIRDIE\_COUPON\_USG的USER\_ID列 load 的数据是 sample data中的Mobile ID列吗？

也是左外链接视图VW\_SUBR\_MBIRDIE\_REG\_INFO？

2．

因为做

my $SCRIPT\_TYPE = $etlvar::HIST\_SCRIPT\_NON\_EXPIRE; 的job 时需要主键

如果按照上面我的理解load data ,主键设置为'USER\_ID','EFFECTIVE\_DATE'这两个？

insert into PRD\_ETL.ETL\_AUTO\_GEN\_PK values('MIG\_ADW','MBIRDIE\_COUPON\_USG\_HIST','USER\_ID');

insert into PRD\_ETL.ETL\_AUTO\_GEN\_PK values('MIG\_ADW','MBIRDIE\_COUPON\_USG\_HIST','EFFECTIVE\_DATE');

3．不是太清楚JOB 名字和table 名字的命名是否符合规范，参考过kevin给的示例了

命名D\_MBIRDIE\_COUPON\_USG B\_MBIRDIE\_COUPON\_USG\_HIST

PS:

/opt/etl/prd/etl/APP/APS/D\_MBIRDIE\_COUPON\_USG/bin/d\_mbirdie\_coupon\_usg0010.pl

/opt/etl/prd/etl/APP/ADW/B\_MBIRDIE\_COUPON\_USG\_HIST/bin/b\_mbirdie\_coupon\_usg\_hist0010.pl

/opt/etl/prd/etl/APP/ADW/B\_MBIRDIE\_COUPON\_USG\_HIST/bin/b\_mbirdie\_coupon\_usg\_hist0020.pl