## 宽带装移机履约及时率串联逻辑

### 涉及节点/表：

1. 业务单表：

主题：ORI\_INTF\_BUSI\_ORDER

表名：INTF\_BUSI\_ORDER

过滤字段：SPEC\_ID=3010100002 AND TYPE\_ID=1000075 AND STATUS\_ID=1000007

1. 工单：

主题：ORI\_INTF\_BUSI\_ORDER

表名：INTF\_BUSI\_ORDER\_ORDER（需新建）

过滤字段：TYPE\_ID = 1000081 AND STATUS\_ID=1000005

1. 业务单项：

主题：ORI\_INTF\_BUSI\_ORDER\_ITEM

表名：INTF\_EM\_ORDERITEM

SPEC\_ID = 3020100003 AND ENTITY\_CODE IN (524, 566)

1. 产品业务服务单项表：

主题：ORI\_INTF\_BUSI\_ORDER\_SERVICE

表名：INTF\_EE\_ORDERITEM\_SERVICE

1. 业务操作表：

主题：ORI\_INTF\_BUSI\_ORDER\_OPERATION

表名：INTF\_EM\_OPERATION

1. 中间表：

主题：ORI\_ER\_ORDER\_ORDER

表名：INTF\_ER\_ORDER\_ORDER

### 串联逻辑:

INTF\_BUSI\_ORDER.ID（A）=INTF\_ER\_ORDER\_ORDER.A\_ORDER\_ID（F）

INTF\_BUSI\_ORDER\_ORDER.ID（B）=INTF\_ER\_ORDER\_ORDER.B\_ORDER\_ID（F）

INTF\_BUSI\_ORDER\_ORDER.ID（B）=INTF\_EM\_OPERATION.UPER\_ORDER\_ID（E）

INTF\_BUSI\_ORDER.ID（A） = INTF\_EM\_ORDERITEM.ORDER\_ID（C）

INTF\_EM\_ORDERITEM.ID（C）=INTF\_EE\_ORDERITEM\_SERVICE.ORDERITEM\_ID（D）

## 上网账号通过服务定单取法

## 服务定单状态必须为1000007归档

SELECT EM.ID,EM.TYPE\_ID,EM.STATUS\_ID,EE.ACC\_NUMBER

FROM EM\_ORDER EM, EM\_ORDERITEM EO, EE\_ORDERITEM\_SERVICE EE

WHERE EM.ID = EO.ORDER\_ID

AND EO.ID = EE.ORDERITEM\_ID

AND EM.STATUS\_ID = 1000007

AND EM.TYPE\_ID = 1000075

AND EO.SPEC\_ID = 3020100003

AND EO.ENTITY\_CODE IN (524, 566)

AND EM.COMPLETE\_TIME >= TO\_DATE('20180303', 'YYYYMMDD')

AND EM.COMPLETE\_TIME <= TO\_DATE('20180304', 'YYYYMMDD')

## 预约结束时间和回单时间取法

### 施工单状态为1000005回单

因为预约结束时间和回单时间都挂在施工单下。所以我们通过关系找到服务定单下挂的施工单。找到对应的结束时间和回单时间。关系表为（**ER\_ORDER\_ORDER**）

**获取（em\_order.return\_time）施工单回单时间**

SELECT EM.RETURN\_TIME,EM.\*

FROM EM\_ORDER EM

WHERE EM.ID IN

(SELECT ER.B\_ORDER\_ID

FROM ER\_ORDER\_ORDER ER

WHERE ER.A\_ORDER\_ID IN

(SELECT EM.ID

FROM EM\_ORDER EM, EM\_ORDERITEM EO, EE\_ORDERITEM\_SERVICE EE

WHERE EM.ID = EO.ORDER\_ID

AND EO.ID = EE.ORDERITEM\_ID

AND EM.STATUS\_ID = 1000007

AND EM.TYPE\_ID = 1000075

AND EO.SPEC\_ID = 3020100003

AND EO.ENTITY\_CODE IN (524, 566)

AND EM.COMPLETE\_TIME >= TO\_DATE('20180303', 'YYYYMMDD')

AND EM.COMPLETE\_TIME <= TO\_DATE('20180304', 'YYYYMMDD')))

AND EM.TYPE\_ID = 1000081

AND EM.STATUS\_ID = 1000005

**获取预约结束时间 ，预约操作时间会有多个可能。请取最大的预约结束时间**

SELECT \* FROM EM\_OPERATION EOP

WHERE EOP.UPER\_ORDER\_ID IN

(SELECT EM.ID

FROM EM\_ORDER EM

WHERE EM.ID IN

(SELECT ER.B\_ORDER\_ID

FROM ER\_ORDER\_ORDER ER

WHERE ER.A\_ORDER\_ID IN

(SELECT EM.ID

FROM EM\_ORDER EM,

EM\_ORDERITEM EO,

EE\_ORDERITEM\_SERVICE EE

WHERE EM.ID = EO.ORDER\_ID

AND EO.ID = EE.ORDERITEM\_ID

AND EM.STATUS\_ID = 1000007

AND EM.TYPE\_ID = 1000075

AND EO.SPEC\_ID = 3020100003

AND EO.ENTITY\_CODE IN (524, 566)

AND EM.COMPLETE\_TIME >=

TO\_DATE('20180306', 'YYYYMMDD')

AND EM.COMPLETE\_TIME <=

TO\_DATE('20180307', 'YYYYMMDD')))

AND EM.TYPE\_ID = 1000081

AND EM.STATUS\_ID = 1000005)

AND EOP.SPEC\_ID = 3030200003

## 每个表数据的取法

### EM\_ORDER表(定单)

SELECT \* FROM EM\_ORDER EM WHERE EM.SPEC\_ID=3010100002 AND EM.TYPE\_ID=1000075 AND EM.STATUS\_ID=1000007;

### EM\_ORDER表（工单）

通过中间表ER\_ORDER\_ORDER找到定单下对应工单

SELECT \*

FROM EM\_ORDER EM

WHERE EM.ID IN (SELECT ER.B\_ORDER\_ID

FROM EM\_ORDER EM, ER\_ORDER\_ORDER ER

WHERE EM.SPEC\_ID = 3010100002

AND EM.TYPE\_ID = 1000075

AND EM.STATUS\_ID = 1000007

AND EM.ID = ER.A\_ORDER\_ID)

AND EM.TYPE\_ID = 1000081 AND EM.STATUS\_ID=1000005

### EM\_ORDERITEM表(业务单项)

SELECT EO.\*

FROM EM\_ORDER EM, EM\_ORDERITEM EO

WHERE EM.SPEC\_ID = 3010100002

AND EM.TYPE\_ID = 1000075

AND EM.STATUS\_ID = 1000007 AND EM.ID = EO.ORDER\_ID

AND EO.SPEC\_ID = 3020100003

AND EO.ENTITY\_CODE IN (524, 566)

### EE\_ORDERITEM\_SERVICE表（上网账号）

SELECT EE.\*

FROM EM\_ORDER EM, EM\_ORDERITEM EO, EE\_ORDERITEM\_SERVICE EE

WHERE EM.SPEC\_ID = 3010100002

AND EM.TYPE\_ID = 1000075

AND EM.STATUS\_ID = 1000007

AND EM.ID = EO.ORDER\_ID

AND EO.SPEC\_ID = 3020100003

AND EO.ENTITY\_CODE IN (524, 566)

AND EO.ID=EE.ORDERITEM\_ID

### EM\_OPERATION表（预约结束时间）

需要取最大的结束时间

SELECT EO.\*

FROM EM\_ORDER EM,EM\_OPERATION EO

WHERE EM.ID IN (SELECT ER.B\_ORDER\_ID

FROM EM\_ORDER EM, ER\_ORDER\_ORDER ER

WHERE EM.SPEC\_ID = 3010100002

AND EM.TYPE\_ID = 1000075

AND EM.STATUS\_ID = 1000007

AND EM.ID = ER.A\_ORDER\_ID)

AND EM.TYPE\_ID = 1000081 AND EM.STATUS\_ID=1000005 AND EM.ID=EO.UPER\_ORDER\_ID

### ER\_ORDER\_ORDER(中间表)

此表主要关联业务单表之间的关系。用来寻找上下级业务单