```
                          O2C Joins
                          =========


Join b/w Order Headers and Lines Tables :
-----------------------------------------


SELECT *
FROM   OE_ORDER_HEADERS_ALL OEH,
       OE_ORDER_LINES_ALL OEL
WHERE  OEH.HEADER_ID = OEL.HEADER_ID;


Join b/w Shipping Tables :
--------------------------


SELECT *
FROM   WSH_DELIVERY_ASSIGNMENTS WDA,
       WSH_DELIVERY_DETAILS WDD
WHERE  WDA.DELIVERY_DETAIL_ID = WDD.DELIVERY_DETAIL_ID;

SELECT *
FROM   WSH_DELIVERY_ASSIGNMENTS WDA,
       WSH_NEW_DELIVERIES WND
WHERE  WDA.DELIVERY_ID = WND.DELIVERY_ID;


Join b/w Order Tables and Shipping Tables :
-------------------------------------------


SELECT *
FROM   WSH_DELIVERY_DETAILS WDD,
       OE_ORDER_HEADERS_ALL OOH
WHERE  WDD.SOURCE_HEADER_ID = OOH.HEADER_ID;

SELECT *
FROM   WSH_DELIVERY_DETAILS WDD,
       OE_ORDER_LINES_ALL OOH
WHERE  WDD.SOURCE_LINE_ID = OOH.LINE_ID;

SELECT *
FROM   WSH_DELIVERY_DETAILS WDD,
       OE_ORDER_HEADERS_ALL OOH
WHERE  WDD.SOURCE_HEADER_NUMBER = OOH.ORDER_NUMBER;


Join b/w Order Management (Table(s)) and Receivables (Table(s)) (OM & AR) :
--------------------------------------------------------------------------


SELECT *
FROM   RA_CUSTOMER_TRX_ALL RCT,
       OE_ORDER_HEADERS_ALL OOH
WHERE  RCT.INTERFACE_HEADER_ATTRIBUTE1 = OOH.ORDER_NUMBER;

SELECT *
FROM   RA_CUSTOMER_TRX_LINES_ALL RCTL,
       OE_ORDER_HEADERS_ALL OOH
WHERE  RCTL.INTERFACE_LINE_ATTRIBUTE1 = OOH.ORDER_NUMBER;

SELECT *
```

```
FROM    RA_CUSTOMER_TRX_LINES_ALL RCTL,
        OE_ORDER_LINES_ALL OOL
WHERE   RCTL.INTERFACE_LINE_ATTRIBUTE6 = OOL.LINE_ID;

-->  in RA_CUSTOMER_TRX_LINES_ALL Table

        1.  Order Number INTERFACE_LINE_ATTRIBUTE1
        2.  Order Type INTERFACE_LINE_ATTRIBUTE2
        3.  Delivery INTERFACE_LINE_ATTRIBUTE3
        4.  Waybill INTERFACE_LINE_ATTRIBUTE4
        5.  Count INTERFACE_LINE_ATTRIBUTE5
        6.  Line ID INTERFACE_LINE_ATTRIBUTE6
        7.  Picking Line ID INTERFACE_LINE_ATTRIBUTE7
        8.  Bill of Lading INTERFACE_LINE_ATTRIBUTE8
        9.  Customer Item Part INTERFACE_LINE_ATTRIBUTE9
        10. Warehouse INTERFACE_LINE_ATTRIBUTE10
        11. Price Adjustment ID INTERFACE_LINE_ATTRIBUTE11
        12. Shipment Number INTERFACE_LINE_ATTRIBUTE12
        13. Option Number INTERFACE_LINE_ATTRIBUTE13
        14. Service Number INTERFACE_LINE_ATTRIBUTE14


Join b/w Order Management (Table(s)) and Party Tables :
-------------------------------------------------------

SELECT *
FROM    OE_ORDER_HEADERS_ALL OOH
        HZ_CUST_ACCOUNTS HCA
WHERE   OOH.SOLD_TO_ORG_ID = HCA.CUST_ACCOUNT_ID;


Join b/w Party Tables :
-----------------------

SELECT *
FROM    HZ_PARTIES HP,
        HZ_CUST_ACCOUNTS HCA,
        HZ_CUST_ACCT_SITES_ALL HCAS,
        HZ_CUST_SITE_USES_ALL HCSU
WHERE   HP.PARTY_ID = HCA.PARTY_ID
AND     HCA.CUST_ACCOUNT_ID = HCAS.CUST_ACCOUNT_ID
AND     HCAS.CUST_ACCT_SITE_ID = HCSU.CUST_ACCT_SITE_ID;


SELECT *
FROM    HZ_PARTIES HP,
        HZ_PARTY_SITES HPS,
        HZ_LOCATIONS HL
WHERE   HP.PARTY_ID = HPS.PARTY_ID
AND     HPS.LOCATION_ID = HL.LOCATION_ID;


join b/w Recievables (Table(s)) and Party Tables :
--------------------------------------------------

SELECT *
FROM    RA_CUSTOMER_TRX_ALL RCT,
        HZ_CUST_ACCOUNTS HCA
WHERE   RCT.BILL_TO_CUSTOMER_ID = HCA.CUST_ACCOUNT_ID;
```

```
Join b/w AR Transaction (Invoice) Tables :
-------------------------------------------

SELECT *
FROM   RA_CUSTOMER_TRX_ALL RCT,
       RA_CUSTOMER_TRX_LINES_ALL RCTL
WHERE  RCT.CUSTOMER_TRX_ID = RCTL.CUSTOMER_TRX_ID;


Join b/w AR Transaction (Invoice) Table(s)  and AR Receipts (Table(s)):
-----------------------------------------------------------------------

SELECT *
FROM   RA_CUSTOMER_TRX_ALL RCT,
       AR_RECEIVABLE_APPLICATIONS_ALL ARA,
       AR_CASH_RECEIPTS_ALL ACR
WHERE  RCT.CUSTOMER_TRX_ID = ARA.APPLIED_CUSTOMER_TRX_ID
AND    ARA.CASH_RECEIPT_ID = ACR.CASH_RECEIPT_ID;


*** --> For Customer Aging Purpose we need to use AR_PAYMENT_SCHEDULES_ALL


Join b/w AR Transaction and AR Payment Schedule Tables :
--------------------------------------------------------

SELECT *
FROM   RA_CUSTOMER_TRX_ALL RCT,
       AR_PAYMENT_SCHEDULES_ALL APSA
WHERE  RCT.CUSTOMER_TRX_ID = APSA.CUSTOMER_TRX_ID;


Join b/w Customer and AR Cash Receipts Tables :
-----------------------------------------------

SELECT *
FROM   AR_CASH_RECEIPTS_ALL ACRA,
       HZ_CUST_ACCOUNTS HCA
WHERE  ACRA.PAY_FROM_CUSTOMER = HCA.CUST_ACCOUNT_ID;


--> Join with Operating Units :
    ---------------------------

Join HR_OPERATING_UNITS table with
       OE_ORDER_HEADERS_ALL
       OE_ORDER_LINES_ALL
       RA_CUSTOMER_TRX_ALL
       RA_CUSTOMER_TRX_LINES_ALL
       AR_CASH_RECIEPTS_ALL

    ORGANIZATION_ID = ORG_ID


Join b/w AR and GL through XLA Tables :
---------------------------------------
```

```
SELECT  RCT.*
FROM    gl_je_batches b,
        gl_je_headers h,
        gl_je_lines l,
        gl_code_combinations_kfv glcc,
        gl_import_references gir,
        xla_ae_lines xlal,
        xla_ae_headers xlah,
        xla_events xlae,
        xla.xla_transaction_entities xlate,
        ra_customer_trx_all rct
WHERE b.je_batch_id = h.je_batch_id
AND   h.je_header_id = l.je_header_id
AND   xlal.code_combination_id = glcc.code_combination_id
AND   l.je_header_id = gir.je_header_id
AND   l.je_line_num = gir.je_line_num
AND   gir.gl_sl_link_table = xlal.gl_sl_link_table
AND   gir.gl_sl_link_id = xlal.gl_sl_link_id
AND   xlal.ae_header_id = xlah.ae_header_id
AND   xlah.event_id = xlae.event_id
AND   xlae.entity_id = xlate.entity_id
AND   xlae.application_id = xlate.application_id
AND   h.je_source = 'Receivables'
AND   rct.trx_number = xlate.transaction_number;
```

Link b/w AP-> GL, PO-> GL :

--> When Source is Payable then reference_5 of GL_JE_LINES table is the invoice
Number
    and reference_2 is the invoice_id and Ref3 is the check_id.
--> When Source is Purchasing then ref5 of GL_JE_LINES table represent the trans
action_id
    of rcv_transaction
--> When Source is Inventory then check the transaction type.
--> If transaction type is Average cost update then the transaction_id of the
    mtl_material_transaction_id represents the transaction_id of rcv_transaction
_id
    in rcv_transaction table.
--> If transaction_type is PO Receipt then RCV_TRANSACTION_ID in mtl_material_tr
ansaction_id
     reprensent the transaction_id of rcv_transaction_id in rcv_transaction tabl
e.