

1 ZER2CDS_AIRPORT

Create a CDS view entity with the name **ZER2CDS_AIRPORT**. The view should contain all attributes of **/DMO/I_AIRPORT**. For better readability the following aliases shall be used:

- /DMO/I_AIRPORT as Airport
- AIRPORTID as AirportId (keyfield)
- CITY as City
- COUNTRYCODE as CountryCode
- NAME as Name

2 ZER2CDS_FLIGHT

Create a CDS view entity with the name **ZER2CDS_FLIGHT**. The view should join **/DMO/FLIGHT** (alias Flight) with **/DMO/I_CARRIER** (alias Carrier) and **/DMO/I_CONNECTION** (alias Connection). The following attributes shall be included in the resulting view:

- /DMO/FLIGHT-CARRIER_ID as CarrierId (keyfield)
- /DMO/FLIGHT-CONNECTION_ID as ConnectionId (keyfield)
- /DMO/FLIGHT-FLIGHT_DATE as FlightDate (keyfield)
- /DMO/FLIGHT-SEATS_OCCUPIED as SeatsOccupied
- /DMO/I_CARRIER-NAME as AirlineName
- /DMO/I_CONNECTION-DEPARTUREAIRPORT as DepatureAirport
- /DMO/I_CONNECTION-DESTINATIONAIRPORT as DestinationAirport

The relationship between /DMO/FLIGHT and /DMO/I_CARRIER shall be represented as an inner join on CARRIER_ID = AIRLINEID. For the relationship between /DMO/FLIGHT and /DMO/I_CONNECTION a left outer join on CARRIER_ID = AIRLINEID and CONNECTION_ID = CONNECTIONID shall be used. Keep in mind, that the no more attributes than stated above should appear in the resulting view.

3 ZER2CDS_BOOKING

Create a CDS view entity with the name **ZER2CDS_BOOKING**. The view should be based on **/DMO/A_BOOKING_D** and contain the following attributes:

- /DMO/A_BOOKING_D-BOOKING_UUID as BookingUUID (keyfield)
- /DMO/A_BOOKING_D-PARENT_UUID as TravelUUID
- /DMO/A_BOOKING_D-BOOKING_DATE as BookingDate
- /DMO/A_BOOKING_D-CUSTOMER_ID as CustomerId
- /DMO/A_BOOKING_D-CARRIER_ID as AirlineId
- /DMO/A_BOOKING_D-CONNECTION_ID as ConnectionId
- /DMO/A_BOOKING_D-BOOKING_STATUS as BookingStatus

Furthermore relationships to the following entities shall be realized. They should be accessed only on demand:

- /DMO/I_CUSTOMER on CUSTOMER_ID = CUSTOMERID
 - Alias _Customer
 - Cardinality [1..1]
- /DMO/I_CARRIER on CARRIER_ID = AIRLINEID
 - Alias _Carrier
 - Cardinality [1..1]
- /DMO/I_CONNECTION on CARRIER_ID = AIRLINEID and CONNECTION_ID = CONNECTIONID
 - Alias _Connection
 - Cardinality [1..1]
- /DMO/I_BOOKING_STATUS_VH on BOOKING_STATUS = BOOKINGSTATUS
 - Alias _BookingStatus
 - Cardinality [1..1]
- /DMO/I_TRAVEL_D on PARENT_UUID = TRAVELUUID
 - Alias _Travel
 - Parent relationship

- /DMO/I_BOOKINGSUPPLEMENT_D
 - Alias _BookingSupplement
 - Composition relationship
 - Cardinality [0..*]