



SAP
Australian
User
Group



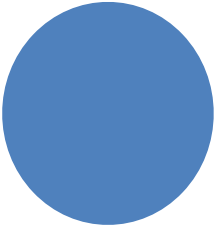
ABAP Core Data Services (CDS)

Common data model

Semantically rich

Runs on any database

OData service enabled





Capture business intent

Reduce complexity

Views on views

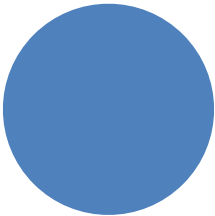
Analytics infused

Improved programming model

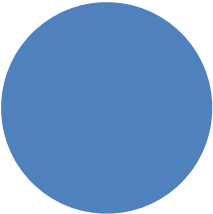
For all applications domains

Code pushdown


Rich set of built-in functions











Available
From 7.40
SP05

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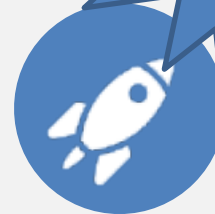
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Basic View

```
@AbapCatalog.sqlViewName: 'Zvi_Te_Connect'  
@AbapCatalog.compiler.compareFilter: true  
@AccessControl.authorizationCheck: #CHECK  
@EndUserText.label: 'Connections'  
define view Zi_Te_Connection as select from spfli {  
  key carrid as CarrierId,  
  key connid as ConnectionId,  
  countryfr as CountryFrom,  
  cityfrom as CityFrom,  
  airpfrom as AirportFrom,  
  countryto as CountryTo,  
  cityto as CityTo,  
  airpto as AirportTo,  
  deptime as DepartureTime,  
  arftime as ArrivalTime,  
  distid as DistanceUnitId,  
  fltype as FlightType,  
  period as ArrivalsDays  
}
```

Dictionary: Display View

DDL SQL View: **ZVI_TE_CONNECT** Active
Short Description: **Connections**
DDL Source: **ZI_TE_CONNECTIONS**

Attributes | Table/Join Conditions | **View Fields** | Selection Conditions | Maint. Status

View field	Table	Field	Key Data elem.	M... DType	Length	Short description
CLIENT	SPFLI	CLNT	<input checked="" type="checkbox"/> S CLNT	<input type="checkbox"/> CLNT	3	Client
CARRIERID	SPFLI	CARRID	<input checked="" type="checkbox"/> S CARR_ID	<input type="checkbox"/> CHAR	3	Airline Code
CONNECTIONID	SPFLI	CONNID	<input checked="" type="checkbox"/> S CONN_ID	<input type="checkbox"/> NUMC	4	Flight Connection Number
COUNTRYFROM	SPFLI	COUNTRYFR	<input type="checkbox"/> LAND1	<input type="checkbox"/> CHAR	3	Country Key
CITYFROM	SPFLI	CITYFROM	<input type="checkbox"/> S_FROM_CITY	<input type="checkbox"/> CHAR	20	Departure city
AIRPORTFROM	SPFLI	AIRPFROM	<input type="checkbox"/> S_FROM_AIRP	<input type="checkbox"/> CHAR	3	Departure airport
COUNTRYTO	SPFLI	COUNTRYTO	<input type="checkbox"/> LAND1	<input type="checkbox"/> CHAR	3	Country Key
CITYTO	SPFLI	CITYTO	<input type="checkbox"/> S_TO_CITY	<input type="checkbox"/> CHAR	20	Arrival city
AIRPORTTO	SPFLI	AIRPTO	<input type="checkbox"/> S_TOAIRP	<input type="checkbox"/> CHAR	3	Destination airport
DEPARTURETIME	SPFLI	DEPTIME	<input type="checkbox"/> S_DEP_TIME	<input type="checkbox"/> TIME	4	Departure time
ARRIVALTIME	SPFLI	ARRTIME	<input type="checkbox"/> S_ARR_TIME	<input type="checkbox"/> TIME	4	Arrival time
DISTANCEUNITID	SPFLI	ELCSTD	<input type="checkbox"/> S_ELSTDID	<input type="checkbox"/> UNIT	3	Mass unit of distance (kms, miles)
FLIGHTTYPE	SPFLI	FLTYPE	<input type="checkbox"/> S_FLTYPE	<input type="checkbox"/> CHAR	1	Flight type
ARRIVALSTATUS	SPFLI	PERIOD	<input type="checkbox"/> S_PERIOD	<input type="checkbox"/> INT1	3	Arrival n day(s) later

