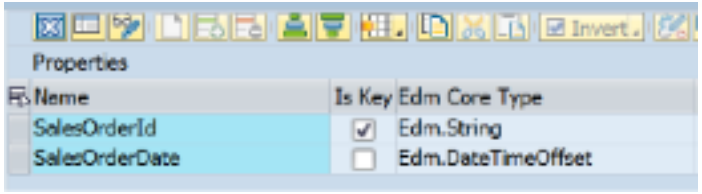
Dates & Times

SAP Australian User Group




```
- <content type="application/xml">
  - <m:properties xmlns:m="http://schemas.microsoft.com/ado/2007/08/d
      <d:SalesOrderId>60000008</d:SalesOrderId>
      <d:SalesOrderDate>2006-10-19T00:00:00Z</d:SalesOrderDate>
    </m:properties>
  </content>
```

```
<EntityType Name="SalesOrder" sap:content-version="1">
  <Key>
    <PropertyRef Name="SalesOrderId"/>
  </Key>
  <Property Name="SalesOrderId" Type="Edm.String" Nullable="false" MaxLength="10" sap:label="Sales Document" sap:creatable="false" sap:updatable="false"/>
  <Property Name="SalesOrderDate" Type="Edm.DateTimeOffset" Precision="7" sap:label="Document Date" sap:creatable="false" sap:updatable="false" sap:filterable="false"/>
  <NavigationProperty Name="Customer" Relationship="ZDEMO_SRV.Customer_SalesOrder" FromRole="ToRole_Customer_SalesOrder" ToRole="FromRole_Customer_SalesOrder"/>
  <NavigationProperty Name="SalesOrderItems" Relationship="ZDEMO_SRV.SalesOrder_Items" FromRole="FromRole_SalesOrder_Items" ToRole="ToRole_SalesOrder_Items"/>
</EntityType>
```

Use `Edm.DateTimeOffset` for date/time/timestamp properties

Don't be tempted to use Edm.String "for convenience"
Edm.DateTime replaced in oData V4 specification

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Agenda

Some Warnings

CDS

Service Design

Code patterns for reusability