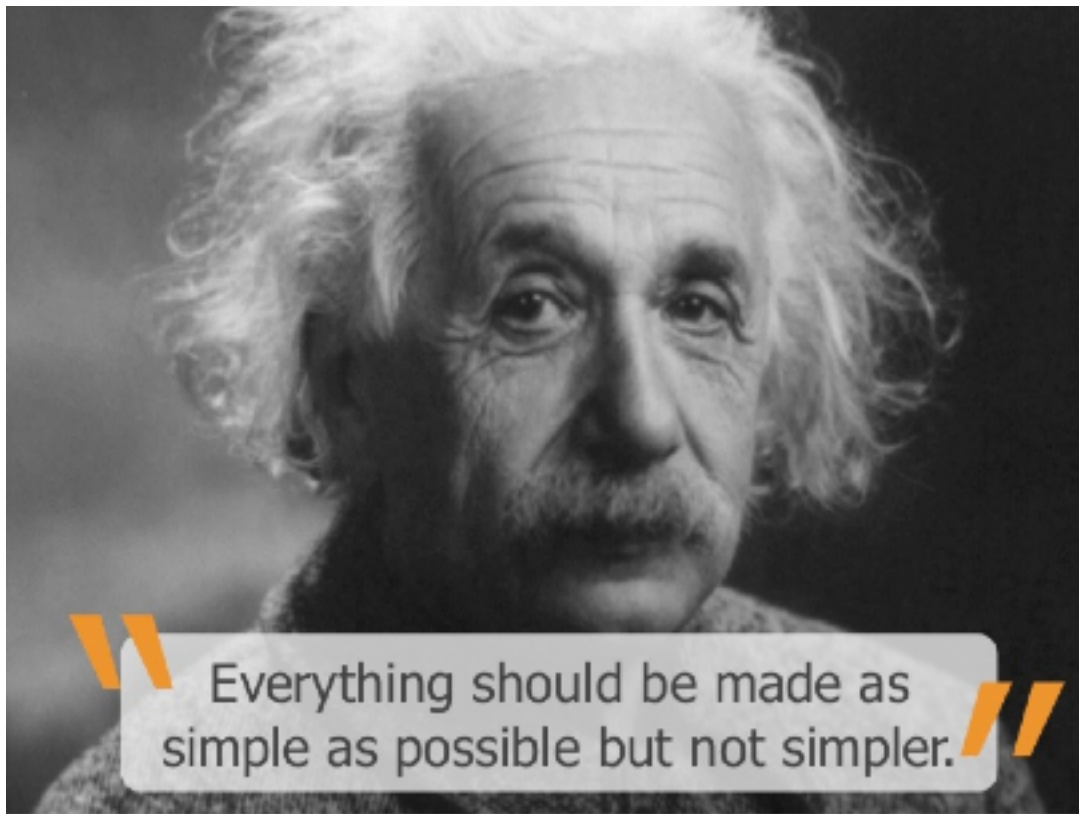


General Theory of API Design





Consumer View of API

```
<EntityType Name="Order">
  <Key>
    <PropertyRef Name="OrderID"/>
  </Key>
  <Property Name="OrderID" Type="Edm.Int32" Nullable="false" p6:StoreGeneratedPattern="Identity"
  xmlns:p6="http://schemas.microsoft.com/ado/2009/02/edm/annotation"/>
  <Property Name="CustomerID" Type="Edm.String" MaxLength="5" FixedLength="true" Unicode="true"/>
  <Property Name="EmployeeID" Type="Edm.Int32"/>
  <Property Name="OrderDate" Type="Edm.DateTime"/>
  <Property Name="RequiredDate" Type="Edm.DateTime"/>
  <Property Name="ShippedDate" Type="Edm.DateTime"/>
  <Property Name="ShipVia" Type="Edm.Int32"/>
  <Property Name="Freight" Type="Edm.Decimal" Precision="19" Scale="4"/>
  <Property Name="ShipName" Type="Edm.String" MaxLength="40" FixedLength="false" Unicode="true"/>
  <Property Name="ShipAddress" Type="Edm.String" MaxLength="60" FixedLength="false" Unicode="true"/>
  <Property Name="ShipCity" Type="Edm.String" MaxLength="15" FixedLength="false" Unicode="true"/>
  <Property Name="ShipRegion" Type="Edm.String" MaxLength="15" FixedLength="false" Unicode="true"/>
  <Property Name="ShipPostalCode" Type="Edm.String" MaxLength="10" FixedLength="false" Unicode="true"/>
  <Property Name="ShipCountry" Type="Edm.String" MaxLength="15" FixedLength="false" Unicode="true"/>
  <NavigationProperty Name="Customer" Relationship="NorthwindModel.FK_Orders_Customers" ToRole="Customers" FromRole="Orders"/>
  <NavigationProperty Name="Employee" Relationship="NorthwindModel.FK_Orders_Employees" ToRole="Employees" FromRole="Orders"/>
  <NavigationProperty Name="Order_Details" Relationship="NorthwindModel.FK_Order_Details_Orders" ToRole="Order_Details" FromRole="Orders"/>
  <NavigationProperty Name="Shipper" Relationship="NorthwindModel.FK_Orders_Shippers" ToRole="Shippers" FromRole="Orders"/>
</EntityType>
```

