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Web API v3 - Example Model Changes

The following loader file shows an example of the model changes required to expose Groups, Class and Interface Definition to the Web API v3.

For Class and Interface Definitions, all available properties are exposed on the EDM entity, relationships are exposed as navigation properties, based on the direction Role Names.

Relationships are only exposed if the correct permission of relationship expansion is available.

```
<Container CompSchema="SPFAdminComponent">
  <!-- A API Group exposure, all associated EDM entities and sets are exposed through the grouping .../api/v3/ADW -->
  <APIGroup>
    <IOObject Description="A test API Group for the ADW model/db" Name="ADW" UID="APIG_ADW" />
    <ISPFAdminItem />
    <IAPIGroup />
  </APIGroup>
  <!-- Class Definition exposure with naming of EDM entity and set names -->
  <ClassDef>
    <IOObject UID="DEVTag" Name="DEVTag" Description="Tag (DEV)" ContainerID="DEVAuthoring.DEVSystemAndTags_Schema" />
    <ISPFServicesClassDefExt SPFClassDefExposedName="DevelopmentTag" SPFClassDefExposedSetName="DevelopmentTags" />
  </ClassDef>
  <Rel>
    <IOObject UID="APIG_ADW.APIGroupSchemaItem.DEVTag" />
    <IRel DefUID="APIGroupSchemaItem" UID1="APIG_ADW" UID2="DEVTag" />
  </Rel>
  <!-- Component Schema exposure, linked to an API Group -->
  <!-- All Class Definitions related to the Component Schema will be exposed -->
  <Rel>
    <IOObject UID="APIG_ADW.APIGroupSchemaItem.SPFComponent" />
    <IRel DefUID="APIGroupSchemaItem" UID1="APIG_ADW" UID2="SPFComponent" />
  </Rel>
  <!-- Interface Definition exposure with naming of EDM entity and set names -->
  <InterfaceDef>
    <IOObject UID="ISPFPlantItem" Name="ISPFPlantItem" Description="A non document item" />
    <ISPFServicesInterfaceDefExt SPFInterfaceDefExposedName="PlantItem" SPFInterfaceDefExposedSetName="PlantItems" />
  </InterfaceDef>
  <Rel>
    <IOObject UID="APIG_ADW.APIGroupSchemaItem.ISPFPlantItem" />
    <IRel DefUID="APIGroupSchemaItem" UID1="APIG_ADW" UID2="ISPFPlantItem" />
  </Rel>
  <Rel>
    <IOObject UID="APIG_ADW.APIGroupSchemaItem.ISPFFileComposition" />
    <IRel DefUID="APIGroupSchemaItem" UID1="APIG_ADW" UID2="ISPFFileComposition" />
  </Rel>
  <Rel>
    <IOObject UID="APIG_ADW.APIGroupSchemaItem.ISPFDocumentVersion" />
    <IRel DefUID="APIGroupSchemaItem" UID1="APIG_ADW" UID2="ISPFDocumentVersion" />
  </Rel>
  <Rel>
    <IOObject UID="APIG_ADW.APIGroupSchemaItem.ISPFDocumentRevision" />
    <IRel DefUID="APIGroupSchemaItem" UID1="APIG_ADW" UID2="ISPFDocumentRevision" />
  </Rel>
  <Rel>
    <IOObject UID="APIG_ADW.APIGroupSchemaItem.ISPFObjClass" />
    <IRel DefUID="APIGroupSchemaItem" UID1="APIG_ADW" UID2="ISPFObjClass" />
  </Rel>
</Container>

<Container>
  <!-- Set whether a relationship is exposed to the Web API -->
  <RelDef>
    <IOObject UID="DEVDocumentTag" Name="DEVDocumentTag" Description="Document Tags (DEV)" ContainerID="DEVAuthoring.DEVSystemAndTags_Schema" />
    <ISPFServicesRelDefExt SPFRelDefIsExposed="False" />
    <ISchemaObj />
  </RelDef>

  <!-- Set whether an edge definition is exposed to the Web API -->
  <EdgeDef>
```

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```
<IObject UID="EDG_DEVDocVersionTags" Name="DEVDocVersionTags" ContainerID="DEVAuthoring.DEVSystemAndTags_Schema" />
<ISPFServicesEdgeDefExt SPFEEdgeDefIsExposed="False" />
</EdgeDef>

</Container>
```