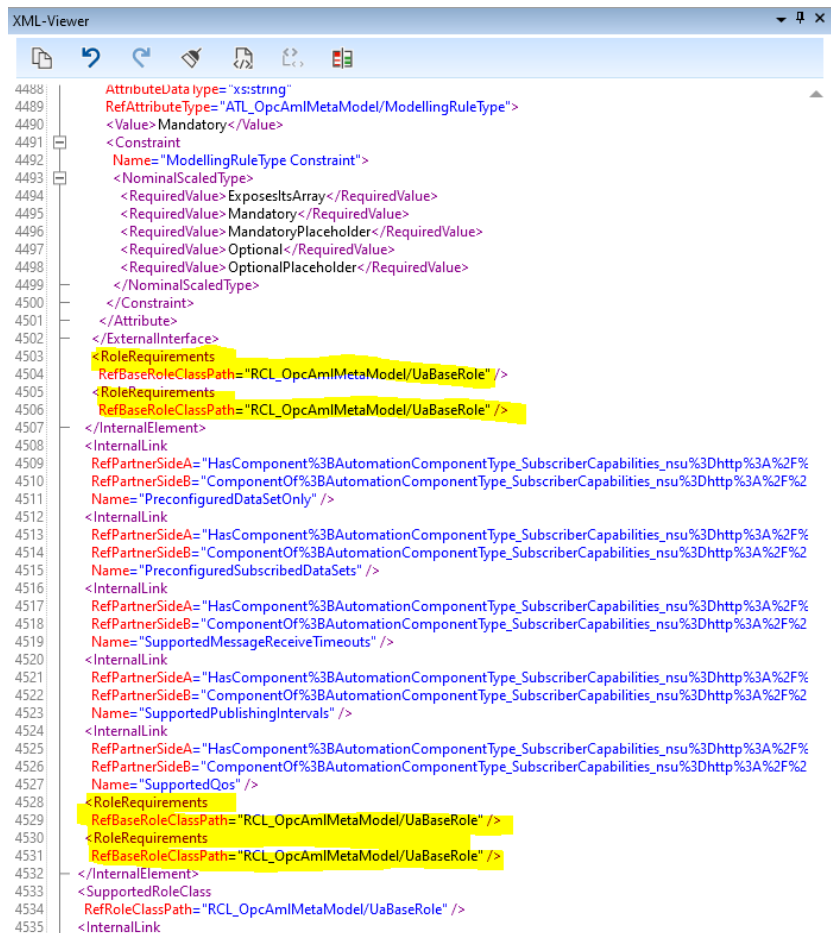


RoleRequirement is doubled in SystemUnitClasses

1. Open opc.ua.fx.ac.nodeset2.xml.amlx in the AutomationML Editor.
2. Install the XML-Viewer Plugin
3. Select the SUC *AutomationComponent* from *SUC_http://opcfoundation.org/UA/FX/AC/*
4. In the XML Viewer, search for **RoleRequirements**.
5. You will find that **RoleRequirements** are duplicated in several places.



The screenshot shows the XML-Viewer application window. The title bar reads "XML-Viewer". The interface includes a toolbar with icons for file operations and a tree view on the left. The main area displays XML code with line numbers from 4488 to 4535. Several instances of the `<RoleRequirements>` element are highlighted in yellow. The XML code includes various attributes and nested elements like `<RefAttributeType>`, `<Constraint>`, `<NominalScaledType>`, `<InternalLink>`, and `<SupportedRoleClass>`. The highlighted `<RoleRequirements>` elements are located at lines 4503, 4505, 4528, and 4531, each followed by `RefBaseRoleClassPath="RCL_OpcAmlMetaModel/UaBaseRole" />`.

```
4488 AttributeData type="xs:string"
4489 RefAttributeType="ATL_OpcAmlMetaModel/ModellingRuleType">
4490 <Value> Mandatory</Value>
4491 <Constraint
4492   Name="ModellingRuleType Constraint">
4493   <NominalScaledType>
4494     <RequiredValue> ExposesItsArray</RequiredValue>
4495     <RequiredValue> Mandatory</RequiredValue>
4496     <RequiredValue> MandatoryPlaceholder</RequiredValue>
4497     <RequiredValue> Optional</RequiredValue>
4498     <RequiredValue> OptionalPlaceholder</RequiredValue>
4499   </NominalScaledType>
4500 </Constraint>
4501 </Attribute>
4502 </ExternalInterface>
4503 <RoleRequirements
4504   RefBaseRoleClassPath="RCL_OpcAmlMetaModel/UaBaseRole" />
4505 <RoleRequirements
4506   RefBaseRoleClassPath="RCL_OpcAmlMetaModel/UaBaseRole" />
4507 </InternalElement>
4508 <InternalLink
4509   RefPartnerSideA="HasComponent%3BAutomationComponentType_SubscriberCapabilities_nsu%3Dhttp%3A%2F%
4510   RefPartnerSideB="ComponentOf%3BAutomationComponentType_SubscriberCapabilities_nsu%3Dhttp%3A%2F%2
4511   Name="PreconfiguredDataSetOnly" />
4512 <InternalLink
4513   RefPartnerSideA="HasComponent%3BAutomationComponentType_SubscriberCapabilities_nsu%3Dhttp%3A%2F%
4514   RefPartnerSideB="ComponentOf%3BAutomationComponentType_SubscriberCapabilities_nsu%3Dhttp%3A%2F%2
4515   Name="PreconfiguredSubscribedDataSets" />
4516 <InternalLink
4517   RefPartnerSideA="HasComponent%3BAutomationComponentType_SubscriberCapabilities_nsu%3Dhttp%3A%2F%
4518   RefPartnerSideB="ComponentOf%3BAutomationComponentType_SubscriberCapabilities_nsu%3Dhttp%3A%2F%2
4519   Name="SupportedMessageReceiveTimeouts" />
4520 <InternalLink
4521   RefPartnerSideA="HasComponent%3BAutomationComponentType_SubscriberCapabilities_nsu%3Dhttp%3A%2F%
4522   RefPartnerSideB="ComponentOf%3BAutomationComponentType_SubscriberCapabilities_nsu%3Dhttp%3A%2F%2
4523   Name="SupportedPublishingIntervals" />
4524 <InternalLink
4525   RefPartnerSideA="HasComponent%3BAutomationComponentType_SubscriberCapabilities_nsu%3Dhttp%3A%2F%
4526   RefPartnerSideB="ComponentOf%3BAutomationComponentType_SubscriberCapabilities_nsu%3Dhttp%3A%2F%2
4527   Name="SupportedQos" />
4528 <RoleRequirements
4529   RefBaseRoleClassPath="RCL_OpcAmlMetaModel/UaBaseRole" />
4530 <RoleRequirements
4531   RefBaseRoleClassPath="RCL_OpcAmlMetaModel/UaBaseRole" />
4532 </InternalElement>
4533 <SupportedRoleClass
4534   RefRoleClassPath="RCL_OpcAmlMetaModel/UaBaseRole" />
4535 </InternalLink>
```