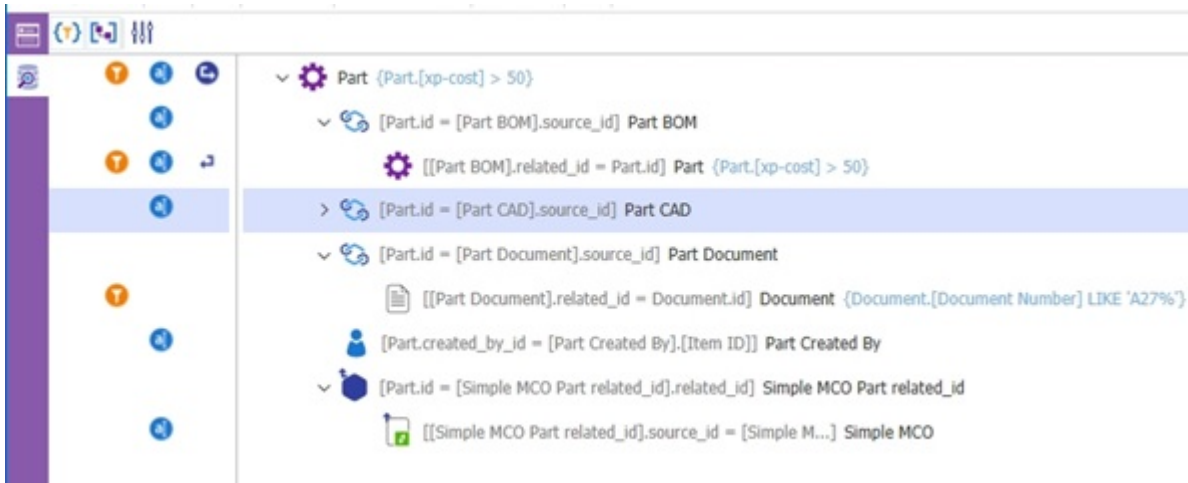
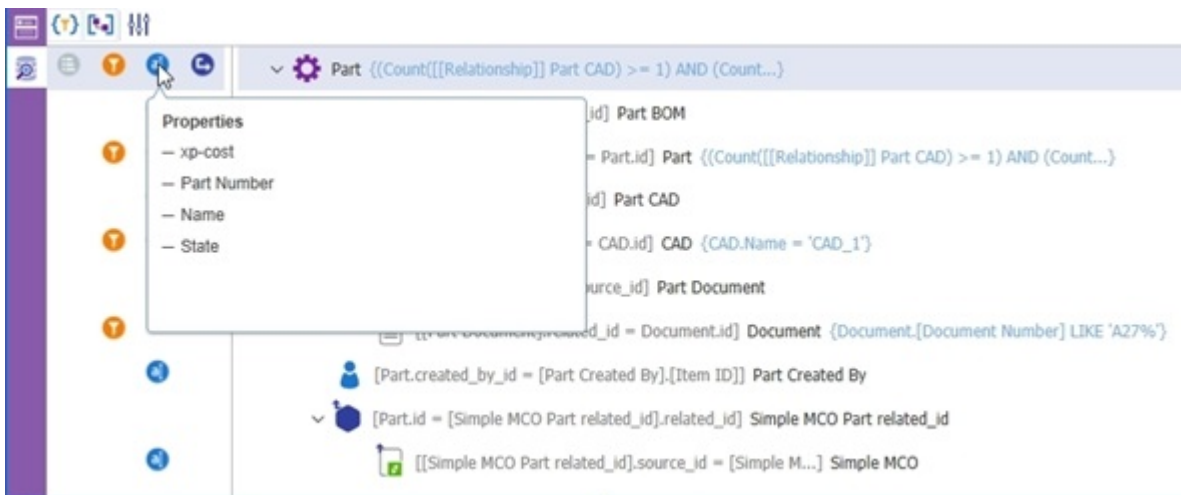


Sample Query with xProperties

This section describes using Query Builder to create a query using a Part item containing an xProperty.



The first level of the query contains a Part item that has the **xp-cost** property associated with it. Click the Part **Properties** button to view this xProperty.



Creating a Where Condition

You can create a Where condition using the **xp-cost** property by clicking the **Show Condition** button. The **Where Condition** box appears.

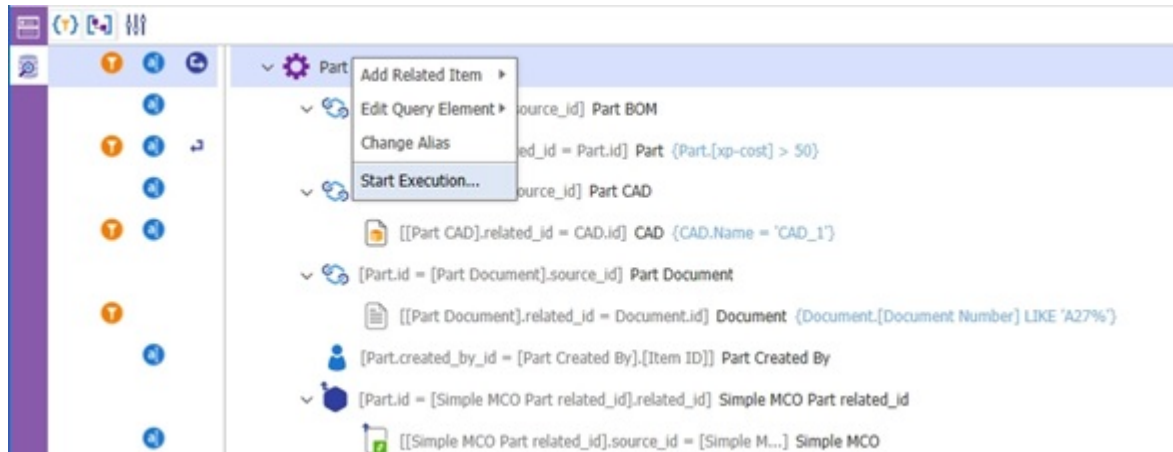




1. Enter **[xp-cost] > 50** in the **Where Condition** dialog to return the number of items where the cost is greater than 50.



2. Click **Save**.
3. Right-click **Part** and click **Start Execution**.



The **Query Result** dialog appears.



Query Result



```
<AML>
  <Item alias="Part">
    <id keyed_name="part_xp_cost_100">FB4823513745485DA904EC944F6C3911</id>
    <thumbnail is_null="1" />
    <item_number>part_xp_cost_100</item_number>
    <xp-cost>100</xp-cost>
  <Relationships>
    <Item alias="User">
      <id keyed_name="Innovator Admin">30B991F927274FA3829655F50C99472E</id>
    </Item>
  </Relationships>
</Item>
</AML>
```

As you can see, this query only contains one part item where the cost is greater than 50. You can modify the Where condition so **xp-cost > 100**. This returns two parts in the result.



Query Result

```
<AML>
<Item alias="Part">
  <id keyed_name="part_xp_cost_10">64D2D3886E734862AC393273D846F437</id>
  <thumbnail>../Images/e1pattern.svg</thumbnail>
  <item_number>part_xp_cost_10</item_number>
  <xp-cost>10</xp-cost>
  <Relationships>
    <Item alias="Part BOM">
      <sort_order>1</sort_order>
      <Relationships>
        <Item alias="Part_1">
          <id keyed_name="part_xp_cost_10.1">210F4F2240D44F7A9D81A90BC6083D15</id>
          <thumbnail is_null="1" />
          <item_number>part_xp_cost_10.1</item_number>
          <Relationships>
            <Item alias="User_1">
              <id keyed_name="Innovator Admin">30B991F927274FA3829655F50C99472E</id>
            </Item>
          </Relationships>
        </Item>
      </Relationships>
    </Item>
    <Item alias="User">
      <id keyed_name="Innovator Admin">30B991F927274FA3829655F50C99472E</id>
    </Item>
  </Relationships>
</Item>
<Item alias="Part">
  <id keyed_name="part_xp_cost_100">FB4823513745485DA904EC944F6C3911</id>
  <thumbnail is_null="1" />
  <item_number>part_xp_cost_100</item_number>
  <xp-cost>100</xp-cost>
  <Relationships>
    <Item alias="User">
      <id keyed_name="Innovator Admin">30B991F927274FA3829655F50C99472E</id>
    </Item>
  </Relationships>
</Item>
```

Both parts contain the **xp-cost** xProperty.

