

## PME9.0 PM2000 DIDO 默认驱动中在 Vista 中不能连接到状态对象如何修改

### 问题描述:

PM2000 DI/DO 默认驱动中在 Vista 中不能连接到状态对象，如何修改？

### 解决方案:

步骤如下:

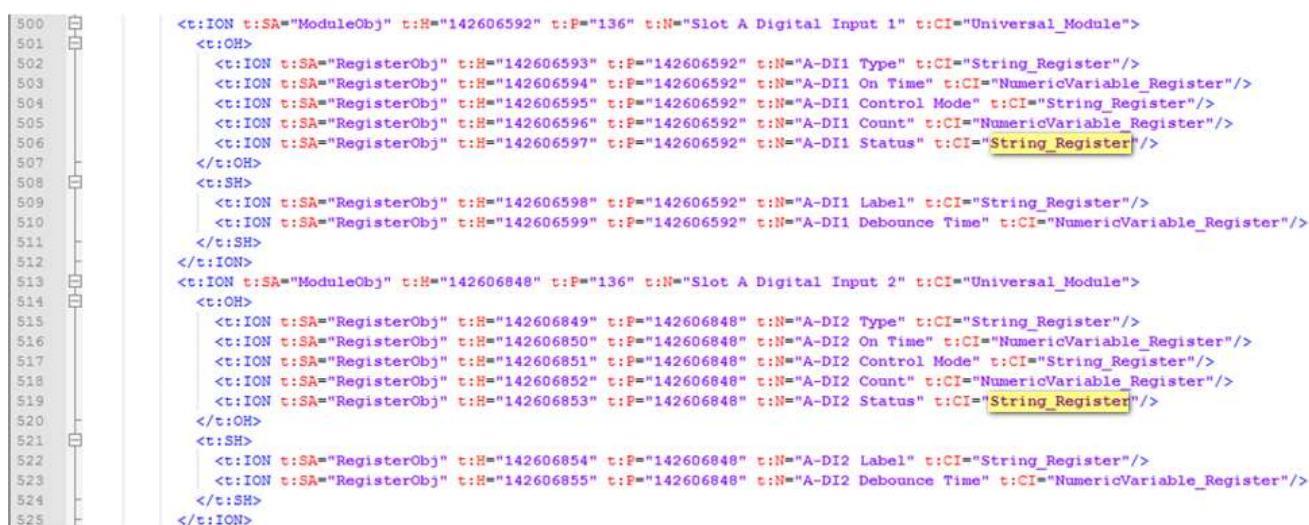
本示例以 DI 为例进行说明，DO 可参考此方法。

1. 参考如下路径找到 PM2000 的 .ion / .xml 文件，备份到其他路径。

C:\Program Files (x86)\Schneider Electric\Power Monitoring Expert\system\translators

2. 修改 ion 文件

修改前:



```
<t:ION t:SA="ModuleObj" t:H="142606592" t:F="136" t:N="Slot A Digital Input 1" t:CI="Universal_Module">
  <t:OH>
    <t:ION t:SA="RegisterObj" t:H="142606593" t:F="142606592" t:N="A-DI1 Type" t:CI="String_Register"/>
    <t:ION t:SA="RegisterObj" t:H="142606594" t:F="142606592" t:N="A-DI1 On Time" t:CI="NumericVariable_Register"/>
    <t:ION t:SA="RegisterObj" t:H="142606595" t:F="142606592" t:N="A-DI1 Control Mode" t:CI="String_Register"/>
    <t:ION t:SA="RegisterObj" t:H="142606596" t:F="142606592" t:N="A-DI1 Count" t:CI="NumericVariable_Register"/>
    <t:ION t:SA="RegisterObj" t:H="142606597" t:F="142606592" t:N="A-DI1 Status" t:CI="String_Register"/>
  </t:OH>
  <t:SH>
    <t:ION t:SA="RegisterObj" t:H="142606598" t:F="142606592" t:N="A-DI1 Label" t:CI="String_Register"/>
    <t:ION t:SA="RegisterObj" t:H="142606599" t:F="142606592" t:N="A-DI1 Debounce Time" t:CI="NumericVariable_Register"/>
  </t:SH>
</t:ION>
<t:ION t:SA="ModuleObj" t:H="142606848" t:F="136" t:N="Slot A Digital Input 2" t:CI="Universal_Module">
  <t:OH>
    <t:ION t:SA="RegisterObj" t:H="142606849" t:F="142606848" t:N="A-DI2 Type" t:CI="String_Register"/>
    <t:ION t:SA="RegisterObj" t:H="142606850" t:F="142606848" t:N="A-DI2 On Time" t:CI="NumericVariable_Register"/>
    <t:ION t:SA="RegisterObj" t:H="142606851" t:F="142606848" t:N="A-DI2 Control Mode" t:CI="String_Register"/>
    <t:ION t:SA="RegisterObj" t:H="142606852" t:F="142606848" t:N="A-DI2 Count" t:CI="NumericVariable_Register"/>
    <t:ION t:SA="RegisterObj" t:H="142606853" t:F="142606848" t:N="A-DI2 Status" t:CI="String_Register"/>
  </t:OH>
  <t:SH>
    <t:ION t:SA="RegisterObj" t:H="142606854" t:F="142606848" t:N="A-DI2 Label" t:CI="String_Register"/>
    <t:ION t:SA="RegisterObj" t:H="142606855" t:F="142606848" t:N="A-DI2 Debounce Time" t:CI="NumericVariable_Register"/>
  </t:SH>
</t:ION>
```

修改后:

```

515 <t:ION t:SA="ModuleObj" t:H="142606592" t:P="136" t:N="Slot A Digital Input 1" t:CI="Universal_Module">
516 <t:OH>
517 <t:ION t:SA="RegisterObj" t:H="142606593" t:P="142606592" t:N="A-DI1 Type" t:CI="String_Register"/>
518 <t:ION t:SA="RegisterObj" t:H="142606594" t:P="142606592" t:N="A-DI1 On Time" t:CI="NumericVariable_Register"/>
519 <t:ION t:SA="RegisterObj" t:H="142606595" t:P="142606592" t:N="A-DI1 Control Mode" t:CI="String_Register"/>
520 <t:ION t:SA="RegisterObj" t:H="142606596" t:P="142606592" t:N="A-DI1 Count" t:CI="NumericVariable_Register"/>
521 <t:ION t:SA="RegisterObj" t:H="142606597" t:P="142606592" t:N="A-DI1 Status" t:CI="Boolean_Register"/>
522 <t:ION t:SA="BoolObj" t:H="142606600" t:P="142606592" t:N="A-DI1 Status Valid" t:CI="Boolean_Register"/>
523 </t:OH>
524 <t:SH>
525 <t:ION t:SA="RegisterObj" t:H="142606598" t:P="142606592" t:N="A-DI1 Label" t:CI="String_Register"/>
526 <t:ION t:SA="RegisterObj" t:H="142606599" t:P="142606592" t:N="A-DI1 Debounce Time" t:CI="NumericVariable_Register"/>
527 </t:SH>
528 </t:ION>
529 <t:ION t:SA="ModuleObj" t:H="142606848" t:P="136" t:N="Slot A Digital Input 2" t:CI="Universal_Module">
530 <t:OH>
531 <t:ION t:SA="RegisterObj" t:H="142606849" t:P="142606848" t:N="A-DI2 Type" t:CI="String_Register"/>
532 <t:ION t:SA="RegisterObj" t:H="142606850" t:P="142606848" t:N="A-DI2 On Time" t:CI="NumericVariable_Register"/>
533 <t:ION t:SA="RegisterObj" t:H="142606851" t:P="142606848" t:N="A-DI2 Control Mode" t:CI="String_Register"/>
534 <t:ION t:SA="RegisterObj" t:H="142606852" t:P="142606848" t:N="A-DI2 Count" t:CI="NumericVariable_Register"/>
535 <t:ION t:SA="RegisterObj" t:H="142606853" t:P="142606848" t:N="A-DI2 Status" t:CI="Boolean_Register"/>
536 <t:ION t:SA="BoolObj" t:H="142606856" t:P="142606848" t:N="A-DI2 Status Valid" t:CI="Boolean_Register"/>
537 </t:OH>

```

### 3. 修改 xml 文件

修改前:

```

536 <ModbusInfo IONHandle="142606597" Name="A-DI1 Status" ModbusAddress="402551" RequestType="R" Format="UINT16" Mask="0x8001" EnumName="DIOStatus" />
537 <ModbusInfo IONHandle="142606853" Name="A-DI2 Status" ModbusAddress="402551" RequestType="R" Format="UINT16" Mask="0x8002" Scale="2" EnumName="DIOStatus" />
538 <ModbusInfo IONHandle="142607111" Name="A-DO1 Status" ModbusAddress="402567" RequestType="R" Format="UINT16" Mask="0x8001" EnumName="DIOStatus" />
539 <ModbusInfo IONHandle="142607367" Name="A-DO2 Status" ModbusAddress="402567" RequestType="R" Format="UINT16" Mask="0x8002" Scale="2" EnumName="DIOStatus" />
540 <ModbusInfo IONHandle="142607108" Name="A-DO1 Enabled" ModbusAddress="409304" RequestType="R" Format="UINT16" NotAvailableValue="0xFFFF" />

```

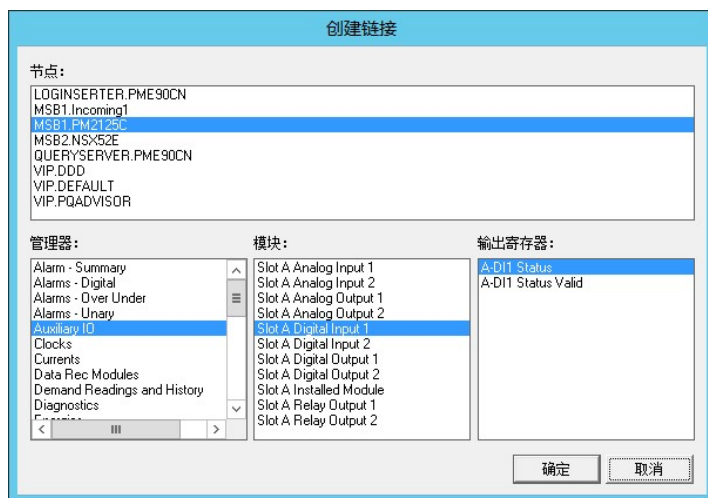
修改后:

```

536 <ModbusInfo IONHandle="142606597" Name="A-DI1 Status" ModbusAddress="402551" RequestType="R" Format="MaskedBool" Mask="0x8001" />
537 <ModbusInfo IONHandle="142606853" Name="A-DI2 Status" ModbusAddress="402551" RequestType="R" Format="MaskedBool" Mask="0x8002" Scale="2" />
538 <ModbusInfo IONHandle="142607111" Name="A-DO1 Status" ModbusAddress="402567" RequestType="R" Format="UINT16" Mask="0x8001" EnumName="DIOStatus" />
539 <ModbusInfo IONHandle="142607367" Name="A-DO2 Status" ModbusAddress="402567" RequestType="R" Format="UINT16" Mask="0x8002" Scale="2" EnumName="DIOStatus" />

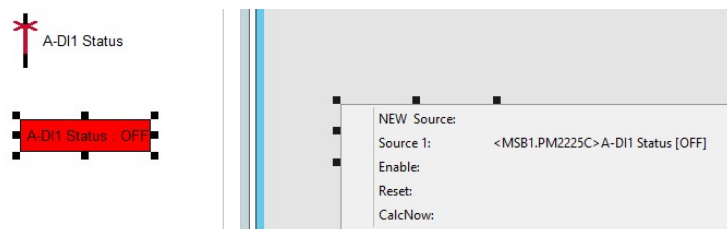
```

保存后重启一下 ION Network Router Service 服务后再到 Vista 中关联 DI。

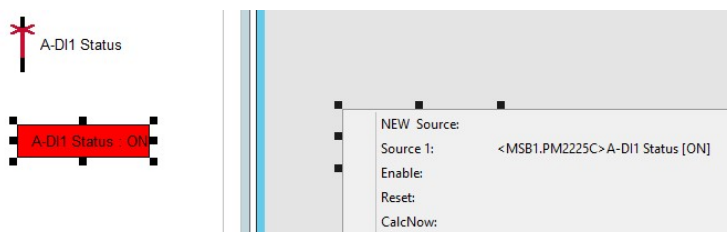


注意只修改.ion，不改.xml 在 vista 中的状态不正常：

DI1=OFF



DI1=ON



修改后在 Vista 中测试 DI 在 ON/OFF 时的状态：

OFF

ON

