

# Importing DDS XML

You can also import already existing DDS models in XML format. The imported model does not contain the diagrams associated with the models. You can use modeling tool diagram initialization to make and customize your diagrams very easily however.

To import DDS models in XML format

1. From the [main menu](#), select **Tools > DDS > Import DDS XML**.
2. In the **Select DDS XML file** dialog, select the DDS XML file.
3. Click **Import DDS**.
4. In the opened **Select Package** dialog, select the Package from the model wherein the file will be imported.  
The model defined in the XML is imported. As example see the figure below.

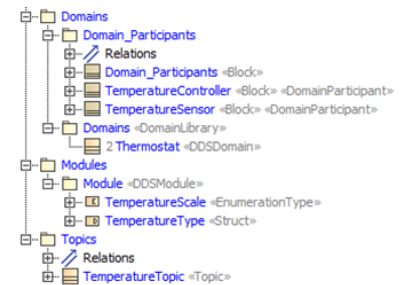


QoS Profiles contained by the same file will not be imported. For this, you have to use the [Import QoS Profile feature](#) to import them.

XML file content

```
<?xml version="1.0"?>
<types>
  <module name="Module">
    <enum name="TemperatureScale">
      <enumerator name="CELSIUS" value="0"/>
      <enumerator name="FAHRENHEIT" value="1"/>
      <enumerator name="KELVIN" value="2"/>
    </enum>
    <struct name="TemperatureType">
      <member name="temperature" type="float32"/>
      <member name="scale" nonBasicTypeName="Module::TemperatureScale" type="nonBasic"/>
    </struct>
  </module>
</types>
<domain_library name="Domains">
  <domain domain_id="1" name="Thermostat">
    <register_type name="TemperatureType" type_ref="Module::TemperatureType"/>
    <topic name="TemperatureTopic" register_type_ref="TemperatureType"/>
  </domain>
</domain_library>
<domain_participant_library name="Domain_Participants">
  <domain_participant domain_ref="Domains::Thermostat" name="TemperatureController">
    <subscriber name="TemperatureController_Subscriber">
      <data_reader name="TemperatureController_Subscriber_readTemperature" topic_ref="TemperatureTopic"/>
    </subscriber>
  </domain_participant>
  <domain_participant domain_ref="Domains::Thermostat" name="TemperatureSensor">
    <publisher name="TemperatureSensor_Publisher">
      <data_writer name="TemperatureSensor_Publisher_writeTemperature" topic_ref="TemperatureTopic"/>
    </publisher>
  </domain_participant>
</domain_participant_library>
</domain_library>
```

Imported XML file to model



Import

The XML file content imported into model.