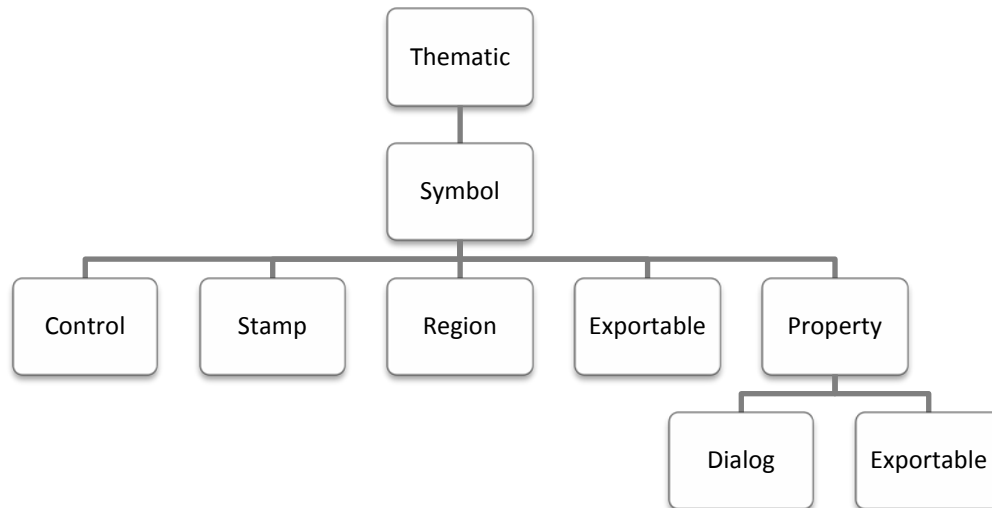


XML Thematic Reference

XML schema



Example

The current example creates a thematic with one symbol. The symbol contains two properties.

```
<Thematic ID="Thematic01" Label="Thematic 01" Image="Icon01.png">
  <Symbol ID="Symbol01" Label="Symbol 01" Image="Symbol01.png" Description="Symbol 01.">
    <Control Width="60" Height="60" Image="Symbol01.png" Text="[Property01]" />
    <Stamp Width="50" Height="50" MaxQuantity="1" Region="true" Bubble="true"
Image="Symbol01.png" Text="[Property02:00.00]" />
    <Region Color="120,255,120" Customizable="true" />
    <Exportable Name="Symbol01" />
    <Property ID="Property01" Type="String" Default="Hello">
      <Dialog Label="Property 01" Category="Category 01" Description="Property 01." />
      <Exportable Name="Property01" Order="1" />
    </Property>
    <Property ID="Property02" Type="float" Default="5.3421789">
      <Dialog Label="Property 02" Category="Category 01" Description="Property 02." />
      <Exportable Name="Property02" Order="2" />
    </Property>
  </Symbol>
</Thematic>
```

<Thematic>

Description

The main entry point for defining a new thematic inside a module.

Elements specific to Thematic

<ID>

Description: A unique internal identifier that represent the thematic.

Value: A string with no special character or space.

Mandatory: Yes.

<Label>

Description: The text displayed to the user to represent the thematic.

Value: A regular string.

Mandatory: Yes.

<Image>

Description: The image used when displaying the thematic to the user.

Value: A string representing the path to a picture file.

Mandatory: No.

Example

```
<Thematic ID="Thematic01" Label="Thematic 01" Image="Icon01.png">  
...  
</Thematic>
```

<Symbol>

Description

Defines a new symbol inside a thematic.

Elements specific to Symbol

<ID>

Description: A unique internal identifier that represent the symbol.

Value: A string with no special character or space.

Mandatory: Yes.

<Label>

Description: The text displayed to the user to represent the symbol.

Value: A regular string.

Mandatory: Yes.

<Image>

Description: The image displayed in the edit dialog title.

Value: A string representing the path to a picture file.

Mandatory: No.

<Description>

Description: The text displayed in the edit dialog title.

Value: A regular string.

Mandatory: No.

Example

```
<Symbol ID="Symbol01" Label="Symbol 01" Image="Symbol01.png"
Description="Description of Symbol 01.">
...
</Symbol>
```

<Control>

Description

Define the visual of the symbol control used by the sidebar to represent the symbol.

Elements specific to Control

<Width>

Description: The width of the symbol control.

Value: A string number value.

Mandatory: No

<Height>

Description: The height of the symbol control.

Value: A string number value.

Mandatory: No.

<Image>

Description: The image displayed inside the symbol control.

Value: A string representing the path to a picture file.

Mandatory: No.

<Text>

Description: The text displayed inside the symbol control.

Value: A regular string. To display the value of a property instead of a static value, specify the name of the property to get the value inside brackets. If the property value is a numerical value, you can specify the display number format after a colon character like the following: "[propertyID:0.00]".

Mandatory: Yes.

Example

```
<Control Width="60" Height="60" Image="Symbol01.png"
Text="[Property01:0.00]" />
```

<Stamp>

Description

Define the visual of the symbol displayed on the map.

Elements specific to Stamp

<Width>

Description: The width of the symbol stamp.

Value: A string number value.

Mandatory: No.

<Height>

Description: The height of the symbol stamp.

Value: A string number value.

Mandatory: No.

<MaxQuantity>

Description: The maximum quantity of stamp allowed to be placed on the map.

Value: A string number value.

Mandatory: No. The default value is "1".

<Region>

Description: Specifies if the stamp creates a region around itself.

Value: A string Boolean value: "true" or "false".

Mandatory: No. The default value is "false".

<Bubble>

Description: Specifies if the style of the stamp is bubble or simple.

Value: A string Boolean value: "true" or "false".

Mandatory: No. The default value is "true".

<Image>

Description: The image displayed inside the symbol stamp.

Value: A string representing the path to a picture file.

Mandatory: No.

<Text>

Description: The text displayed inside the symbol stamp.

Value: A regular string. Same rule about the control text value applies here.

Mandatory: Yes.

Example

```
<Stamp Width="50" Height="50" MaxQuantity="1" Region="true" Bubble="true"
Image="Symbol01.png" Text="[Property01]" />
```

<Region>

Description

Define the region properties.

Elements specific to Region

<Color>

Description: The color of the region on the map.

Value: A string representing R,G,B values: "120,255,120".

Mandatory: No.

<Customizable>

Description: Specifies if the user has the possibility to change the color of the region inside the edit dialog.

Value: A string Boolean value: "true" or "false".

Mandatory: No. The default value is "false".

Example

```
<Region Color="120,255,120" Customizable="true" />
```

<Exportable>

Description

Define the exportable property available at the symbol level.

Elements specific to Exportable

<Name>

Description: The name of symbol that will be used when exporting.

Value: A regular string.

Mandatory: Yes.

Example

```
<Exportable Name="Symbol01" />
```

<Property>

Description

Defines a new property inside a symbol.

Elements specific to Property

<ID>

Description: A unique internal identifier that represent the property.

Value: A string with no special character or space.

Mandatory: Yes.

<Type>

Description: The type of the property.

Value: A string with one of the following supported type: int, long, float, double, string, datetime, color.

Mandatory: Yes.

<Default>

Description: The default value of the property.

Value: A regular string containing the value.

Mandatory: No.

<Values>

Description: Specified a list of values that the user can select from.

Value: A regular string containing the values separated by a semicolon.

Mandatory: No.

Example

```
<Property ID="Property01" Type="String" Default="Hello"> Values="Value01;  
Value02; Value03">  
...  
</Property>
```

<Dialog>

Description

Defines how the property is displayed inside the edit dialog.

Elements specific to Dialog

<Label>

Description: The text displayed to the user to represent the property.

Value: A regular string.

Mandatory: Yes.

<Category>

Description: Defines in which category this property belongs. This is used to group certain properties together to enhance the user experience.

Value: A regular string.

Mandatory: No.

<Description>

Description: The text that is displayed at the bottom of the property list to explain to the user what the property is or do when selected.

Value: A regular string.

Mandatory: No.

Example

```
<Dialog Label="Property 01" Category="Category 01" Description="Property  
description to help the user." />
```

<Exportable>

Description

Defines how the property is exported. If there is no exportable element for the property, the property will not be exported.

Elements specific to Exportable

<Name>

Description: The name of property that will be used when exporting.

Value: A regular string.

Mandatory: Yes.

<Order>

Description: Defines the index order of the exported property. This is used to sort the order in which the properties are exported.

Value: A string number value.

Mandatory: No.

Example

```
<Exportable Name="Property01" Order="1" />
```