

An Attribute Group maps to a simple UML Class with the stereotype XSDattributeGroup.

- If the reference is generated, a name is not generated.

```

classDiagram
    class attr_group_name {
        <<XSDanyAttribute>>
        <<XSDatatribute>>.name : string
        <<XSDatatribute>>.sum ame : string
    }
    class global_attr_group2 {
        <<XSDatatribute>>..city : string
    }
    class schema_xsd {
        <<XSDschema>>
        schema.xsd
        {targetNamespace=http://nomagic.com}
    }
    class global_attr_group {
        <<XSDatatributeGroup>>
        global_attr_group
        <<XSDatatribute>>..address : string
    }
    attr_group_name o-- global_attr_group2
  
```

attributeGroup UML model example.

attributeGroup UML model example with associated XML

```
<xs:schema xmlns:nm = "http://nomagic.com" xmlns:xs = "http://www.w3.org/2001/XMLSchema" targetNamespace = "http://nomagic.com">

  <xs:attributeGroup name = "global_attr_group">
    <xs:attribute name = "address" type = "xs:string" />
  </xs:attributeGroup>

  <xs:attributeGroup name = "attr_group_name" >
    <xs:annotation>
      <xs:documentation>attribute group documentation</xs:documentation>
    </xs:annotation>
    <xs:attribute name = "surname" type = "xs:string"/>
    <xs:attribute name = "name" type = "xs:string" >
      <xs:annotation >
        <xs:documentation >name attribute documentation</xs:documentation>
      </xs:annotation>
    </xs:attribute>
    <xs:attributeGroup ref = "nm:global_attr_group2" >
      <xs:annotation >
        <xs:documentation >reference documentation</xs:documentation>
      </xs:annotation>
    </xs:attributeGroup>
    <xs:anyAttribute />
  </xs:attributeGroup>

  <xs:attributeGroup name = "global_attr_group2" >
    <xs:attribute name = "city" type = "xs:string"/>
  </xs:attributeGroup>

</xs:schema>
```