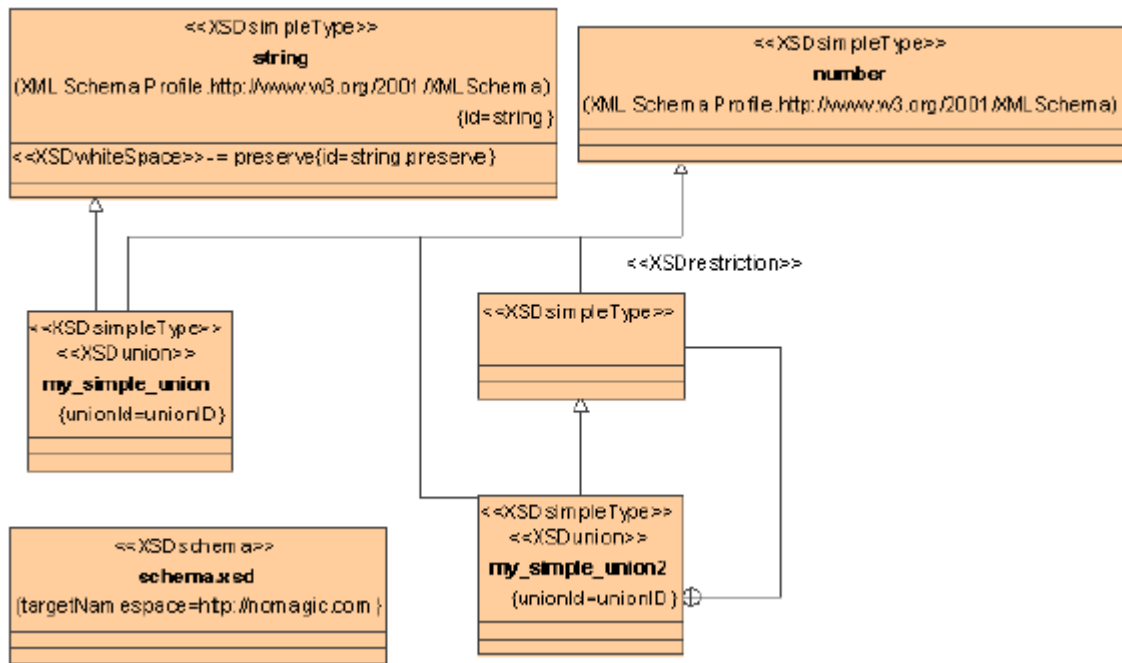


# Union

- The UML Class must have the additional stereotype XSDUnion.
- "memberTypes" and inner simpleTypes maps to several UML Generalizations between the simple type and members types.
- In order to have an inner simpleType element, the parent of this Generalization must be an inner Class of an outer UML Class.



Union model example.

## Union model and XML code samples

```
<xs:schema xmlns:nm = "http://nomagic.com" xmlns:xs = "http://www.w3.org/2001/XMLSchema" targetNamespace = "http://nomagic.com" >
  <xs:simpleType name = "my_simple_union" >
    <xs:union id = "unionID" memberTypes = "xs:string xs:number" />
  </xs:simpleType>
  <xs:simpleType name = "my_simple_union2" >
    <xs:annotation >
      <xs:documentation >very important documentation</xs:documentation>
    </xs:annotation>
    <xs:union id = "unionID" memberTypes = "xs:number" >
      <xs:simpleType >
        <xs:restriction base = "xs:number" />
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:schema>
```