

# XML schema namespaces

Maps to a UML Package with the stereotype *XSDnamespace*. To define the “xmlns” attribute in the schema file, you must add Permission between the XSDnamespace package and XSDschema class into the model.

- The Permission name maps to the namespace shortcut.

## XML representation of the skeleton of a schema

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

To generate these namespaces

- The UML model must have a Package with the name <http://www.w3.org/2001/XMLSchema>
- The UML model must have a Package with the name <http://www.example.com/example>
- Permission with the name “xs” must be added into the model between the XMLSchema Class and the Package <http://www.w3.org/2001/XMLSchema>
- Permission without a name must be added into the model between the XMLSchema Class and the Package <http://www.w3.org/2001/XMLSchema>

For an XML schema namespaces UML Model example, see [Schema](#).