

```
//organization[every $x in //continent
```

```
satisfies
```

```
some $c in //country
```

```
satisfies ((some $o in $c/id(@memberships) satisfies $o is .)
```

```
and
```

```
(some $cont in $c/encompassed/id(@continent) satisfies $cont is $x))
```

```
]/name
```

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xmlns="http://www.w3.org/1999/xhtml"

→ e.g.  $\langle li \rangle$  elements  
full "qualified" element name:

$\{http://www.w3.org/1999/xhtml\}li$

URL  $\subseteq$  URI

→ Semantic Web ..... ↓

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mondial.xml:

```

<mondial
  <country ... >
  </ >
  </ >
  
```

xmlns = "http://www.semanticweb.org/mondial/1.0#" ↙

→ <http://www.semanticweb.org/mondial/1.0/> ↘

→ <http://www.semanticweb.org/mondial/1.0/#country> a owl:Class. ↙ RDF

URI of "my" country class

```

<http://.../1.0/#city > a rdf:Property;
  rdfs:domain <...#country >;
  rdfs:range <...#city >.
  
```

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