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# XLink XML Schema

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# Table of Contents

<b>XLink XML Schema.....</b>	<b>3</b>
Attributes.....	4
actuate.....	5
arcrole.....	6
from.....	7
href.....	8
label.....	9
role.....	10
show.....	11
title.....	12
to.....	13
type.....	14

# XLink XML Schema

## Namespace

<http://www.w3.org/1999/xlink>

## Prefix

xlink

## See Also

Attributes

## Attributes: XLink

### Attributes

Name	Description
xlink:actuate	Used to communicate the desired timing of traversal from the starting resource to the ending resource.
xlink:arcrole	URI reference identifying some resource that describes the role of the arc.
xlink:from	Defines starting resources from which a link traversal may be initiated.
xlink:href	Supplies the data that allows an XLink application to find a remote resource (or resource fragment).
xlink:label	Identifies locator and resource elements so that they can be referenced.
xlink:role	URI reference identifying some resource that describes the role of the property.
xlink:show	Used to communicate the desired presentation of the ending resource on traversal from the starting resource.
xlink:title	The meaning of a link or resource in a human-readable fashion.
xlink:to	Defines ending resources that may be traversed to.
xlink:type	Identifies XLink element types.

## Attribute: xlink:actuate

### Description

Used to communicate the desired timing of traversal from the starting resource to the ending resource.

### Defined By

Restricting xs:token

### Enumeration

Value	Description
onLoad	An application should traverse to the ending resource immediately on loading the starting resource.
onRequest	An application should traverse from the starting resource to the ending resource only on a post-loading event triggered for the purpose of traversal.
other	The behavior of an application traversing to the ending resource is unconstrained by this specification.
none	The behavior of an application traversing to the ending resource is unconstrained by this specification.

### Definition

```
<xs:attribute name="actuate" xmlns:xs="http://www.w3.org/2001/XMLSchema">  
  <xs:simpleType>  
    <xs:restriction base="xs:token">  
      <xs:enumeration value="onLoad" />  
      <xs:enumeration value="onRequest" />  
      <xs:enumeration value="other" />  
      <xs:enumeration value="none" />  
    </xs:restriction>  
  </xs:simpleType>  
</xs:attribute>
```

## Attribute: xlink:arcrole

### Description

URI reference identifying some resource that describes the role of the arc.

### Defined By

Type xs:anySimpleType

### Definition

```
<xs:attribute name="arcrole" xmlns:xlink="http://www.w3.org/2001/XMLSchema" />
```

## Attribute: xlink:from

### Description

Defines starting resources from which a link traversal may be initiated.

### Defined By

Type xs:NMTOKEN

### Definition

```
<xs:attribute name="from" type="xs:NMTOKEN" xmlns:xs="http://www.w3.org/2001/XMLSchema" />
```

## Attribute: xlink:href

### Description

Supplies the data that allows an XLink application to find a remote resource (or resource fragment).

### Defined By

Type xs:anySimpleType

### Definition

```
<xs:attribute name="href" xmlns:xlink="http://www.w3.org/2001/XMLSchema" />
```



## Attribute: xlink:label

### Description

Identifies locator and resource elements so that they can be referenced.

### Defined By

Type xs:NMTOKEN

### Definition

```
<xs:attribute name="label" type="xs:NMTOKEN" xmlns:xs="http://www.w3.org/2001/XMLSchema" />
```

## Attribute: xlink:role

### Description

URI reference identifying some resource that describes the role of the property.

### Defined By

Type xs:anySimpleType

### Definition

```
<xlink:role xmlns:xlink="http://www.w3.org/2001/XMLSchema" />
```

## Attribute: xlink:show

### Description

Used to communicate the desired presentation of the ending resource on traversal from the starting resource.

### Defined By

Restricting xs:token

### Enumeration

Value	Description
new	An application traversing to the ending resource should load it in a new window, frame, pane, or other relevant presentation context.
replace	An application traversing to the ending resource should load the resource in the same window, frame, pane, or other relevant presentation context in which the starting resource was loaded.
embed	An application traversing to the ending resource should load its presentation in place of the presentation of the starting resource.
other	The behavior of an application traversing to the ending resource is unconstrained by this specification.
none	The behavior of an application traversing to the ending resource is unconstrained by this specification.

### Definition

```
<xs:attribute name="show" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="new" />
      <xs:enumeration value="replace" />
      <xs:enumeration value="embed" />
      <xs:enumeration value="other" />
      <xs:enumeration value="none" />
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

## Attribute: xlink:title

### Description

The meaning of a link or resource in a human-readable fashion.

### Defined By

Type xs:anySimpleType

### Definition

```
<xs:attribute name="title" xmlns:xlink="http://www.w3.org/2001/XMLSchema" />
```

## Attribute: xlink:to

### Description

Defines ending resources that may be traversed to.

### Defined By

Type xs:NMTOKEN

### Definition

```
<xs:attribute name="to" type="xs:NMTOKEN" xmlns:xs="http://www.w3.org/2001/XMLSchema" />
```

## Attribute: xlink:type

### Description

Identifies XLink element types.

### Defined By

Type xs:anySimpleType

### Definition

```
<xs:attribute name="type" xmlns:xs="http://www.w3.org/2001/XMLSchema" />
```

## A

actuate 5

arcrole 6

Attributes 4

## F

from 7

## H

href 8

## L

label 9

## R

role 10

## S

show 11

## T

title 12

to 13

type 14

## X

XLink XML Schema 3