

Schema documentation for Webapp.xsd

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Namespace: ""

Schema(s)

Main schema Webapp.xsd

Namespace	No namespace
Properties	attribute form default: unqualified
	element form default: qualified

Element(s)

Element web_app

Namespace	No namespace
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Diagram				
Properties	content:	complex		
Model	classes , import-data , functions , eventhandler			
Children	classes, eventhandler, functions, import-data			
Instance	<pre><web_app project="" title=""> <classes>{1,1}</classes> <import-data>{1,1}</import-data> <functions>{1,1}</functions> <eventhandler>{1,1}</eventhandler> </web_app></pre>			
Attributes	QName	Type	Use	
	project	xs:NCName	required	
	title	xs:string	required	
Source	<pre><xs:element name="web_app"> <xs:complexType> <xs:sequence> <xs:element ref="classes"/> <xs:element ref="import-data"/> <xs:element ref="functions"/> <xs:element ref="eventhandler"/> </xs:sequence> <xs:attribute name="project" use="required" type="xs:NCName"/> <xs:attribute name="title" use="required" type="xs:string"/> </xs:complexType> </xs:element></pre>			

Element classes

Namespace	No namespace		
Diagram			
Properties	content:	complex	
Used by	Element	web_app	
Model	class+		
Children	class		
Instance	<pre><classes> <class name="" ref="">{1,unbounded}</class> </classes></pre>		
Source	<pre><xs:element name="classes"> <xs:complexType> <xs:sequence> <xs:element maxOccurs="unbounded" ref="class"/> </xs:sequence> </xs:complexType> </xs:element></pre>		

Element class

Namespace	No namespace
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Diagram				
Properties	content:	complex		
Used by	Element	classes		
Model	inst_var , methods			
Children	inst_var, methods			
Instance	<pre><class name="" ref=""> <inst_var>{1,1}</inst_var> <methods>{1,1}</methods> </class></pre>			
Attributes	QName	Type	Use	
	name	xs:NCName	required	
	ref	xs:NCName	optional	
Source	<pre><xs:element name="class"> <xs:complexType> <xs:sequence> <xs:element ref="inst_var" minOccurs="1"/> <xs:element ref="methods" minOccurs="1"/> </xs:sequence> <xs:attribute name="name" use="required" type="xs:NCName"/> <xs:attribute name="ref" use="optional" type="xs:NCName"/> </xs:complexType> </xs:element></pre>			

Element inst_var

Namespace	No namespace			
Diagram				
Properties	content:	complex		
Used by	Element	class		
Model	id , ANY element from ANY namespace			
Children	id			
Instance	<pre><inst_var> <id>{1,1}</id> </inst_var></pre>			
Source	<pre><xs:element name="inst_var"> <xs:complexType> <xs:sequence minOccurs="0"> <xs:element ref="id"/> <xs:any processContents="skip" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>			

Element id

Namespace	No namespace			
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Diagram					
Type	xs:integer				
Properties	<table border="1"> <tr> <td>content:</td> <td>simple</td> </tr> <tr> <td>fixed:</td> <td>0</td> </tr> </table>	content:	simple	fixed:	0
content:	simple				
fixed:	0				
Used by	Element inst_var				
Source	<code><xs:element name="id" type="xs:integer" fixed="0" /></code>				

Element methods

Namespace	No namespace
Diagram	
Properties	content: complex
Used by	Element class
Model	ANY element from ANY namespace
Source	<pre><xs:element name="methods"> <xs:complexType> <xs:sequence> <xs:any processContents="skip" minOccurs="0" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </xs:element></pre>

Element import-data

Namespace	No namespace
Diagram	
Properties	content: complex
Used by	Element web_app
Model	templates , layout+ , idata , script+
Children	idata, layout, script, templates
Instance	<pre><import-data> <templates>{1,1}</templates> <layout src="">{1,unbounded}</layout> <idata import-type="" src="">{1,1}</idata> <script src="">{1,unbounded}</script> </import-data></pre>
Source	<pre><xs:element name="import-data"> <xs:complexType> <xs:sequence> <xs:element ref="templates" maxOccurs="1" minOccurs="1" /> <xs:element ref="layout" minOccurs="1" maxOccurs="unbounded" /> <xs:element ref="idata" minOccurs="1" maxOccurs="1" /> <xs:element ref="script" minOccurs="1" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType> </xs:element></pre>

Element templates

Namespace	No namespace
Annotations	Collection of templates
Diagram	
Properties	content: complex
Used by	Element import-data
Model	template+
Children	template
Instance	<pre><templates> <template context-type=" " src="">{1,unbounded}</template> </templates></pre>
Source	<pre><xs:element name="templates"> <xs:annotation> <xs:documentation>Collection of templates</xs:documentation> </xs:annotation> <xs:complexType> <xs:sequence> <xs:element ref="template" maxOccurs="unbounded" minOccurs="1" /> </xs:sequence> </xs:complexType> </xs:element></pre>

Element template

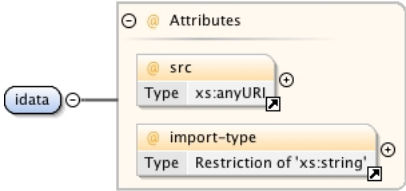
Namespace	No namespace									
Diagram										
Properties	content: complex									
Used by	Element templates									
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>context-type</td> <td>restriction of xs:string</td> <td>optional</td> </tr> <tr> <td>src</td> <td>xs:anyURI</td> <td>optional</td> </tr> </tbody> </table>	QName	Type	Use	context-type	restriction of xs:string	optional	src	xs:anyURI	optional
QName	Type	Use								
context-type	restriction of xs:string	optional								
src	xs:anyURI	optional								
Source	<pre><xs:element name="template"> <xs:complexType> <xs:annotation> <xs:documentation>loads a html template</xs:documentation> </xs:annotation> <xs:attribute ref="src" /> <xs:attribute ref="context-type" /> </xs:complexType> </xs:element></pre>									

Element layout

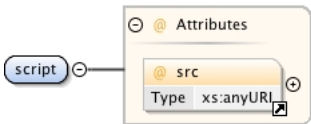
Namespace	No namespace
Annotations	Loads the CSS file
Diagram	
Properties	content: complex

Used by	Element import-data		
Attributes	QName	Type	Use
	src	xs:anyURI	optional
Source	<pre><xs:element name="layout"> <xs:annotation> <xs:documentation>Loads the CSS file</xs:documentation> </xs:annotation> <xs:complexType> <xs:attribute ref="src"/> </xs:complexType> </xs:element></pre>		

Element idata

Namespace	No namespace		
Diagram			
Properties	content:	complex	
Used by	Element import-data		
Attributes	QName	Type	Use
	import-type	restriction of xs:string	optional
	src	xs:anyURI	optional
Source	<pre><xs:element name="idata"> <xs:complexType> <xs:annotation> <xs:documentation>specify the input file</xs:documentation> </xs:annotation> <xs:attribute ref="src"/> <xs:attribute ref="import-type"/> </xs:complexType> </xs:element></pre>		

Element script

Namespace	No namespace		
Diagram			
Properties	content:	complex	
Used by	Element import-data		
Attributes	QName	Type	Use
	src	xs:anyURI	optional
Source	<pre><xs:element name="script"> <xs:complexType> <xs:annotation> <xs:documentation>The script file containing Javascript functions</xs:documentation> </xs:annotation> <xs:attribute ref="src"/> </xs:complexType> </xs:element></pre>		

Element functions

Namespace	No namespace		
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Diagram	
Properties	content: complex
Used by	Element web_app
Model	function+
Children	function
Instance	<pre><functions> <function name=" " param=" " ref=" ">{1,unbounded}</function> </functions></pre>
Source	<pre><xs:element name="functions"> <xs:complexType> <xs:sequence> <xs:element ref="function" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

Element function

Namespace	No namespace																		
Diagram																			
Properties	content: complex																		
Used by	Element functions																		
Attributes	<table border="1"> <thead> <tr> <th>QName</th> <th>Type</th> <th>Use</th> </tr> </thead> <tbody> <tr> <td>name</td> <td>xs:ID</td> <td>optional</td> </tr> <tr> <td>param</td> <td>xs:string</td> <td>optional</td> </tr> <tr> <td></td> <td>name of the parameter</td> <td></td> </tr> <tr> <td>ref</td> <td>xs:IDREF</td> <td>optional</td> </tr> <tr> <td></td> <td>Specifies a reference</td> <td></td> </tr> </tbody> </table>	QName	Type	Use	name	xs:ID	optional	param	xs:string	optional		name of the parameter		ref	xs:IDREF	optional		Specifies a reference	
QName	Type	Use																	
name	xs:ID	optional																	
param	xs:string	optional																	
	name of the parameter																		
ref	xs:IDREF	optional																	
	Specifies a reference																		
Source	<pre><xs:element name="function"> <xs:complexType> <xs:annotation> <xs:documentation>function reference to script file. Attributes name and param have to be consistent to functions in specified script file (import-data/script).</xs:documentation> </xs:annotation> <xs:attribute name="name" type="xs:ID"/> <xs:attribute ref="param" use="optional"/> <xs:attribute ref="ref" use="optional"/> </xs:complexType> </xs:element></pre>																		

Element eventhandler

Namespace	No namespace
Diagram	
Properties	content: complex
Used by	Element web_app
Model	event+

Children	event
Instance	<pre><eventhandler> <event context-type="" init="" ref="">{1,unbounded}</event> </eventhandler></pre>
Source	<pre><xs:element name="eventhandler"> <xs:complexType> <xs:annotation> <xs:documentation>Collection of all events used by the application</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="event" minOccurs="1" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType> </xs:element></pre>

Element event

Namespace	No namespace		
Diagram			
Properties	content:	complex	
Used by	Element	eventhandler	
Model	selector , fire-on , data , connector		
Children	connector, data, fire-on, selector		
Instance	<pre><event context-type="" init="" ref=""> <selector>{1,1}</selector> <fire-on>{1,1}</fire-on> <data>{1,1}</data> <connector>{1,1}</connector> </event></pre>		
Attributes	QName	Type	Use
	context-type	restriction of xs:string	optional
	init	restriction of xs:string	optional
		The event is fired at initialisation no need provide information for selector, fire-on and connector.	
	ref	xs:IDREF	optional
		Specifies a reference	
Source	<pre><xs:element name="event"> <xs:complexType> <xs:annotation> <xs:documentation>defines a specific event referencing a function</xs:documentation> </xs:annotation> <xs:sequence> <xs:element ref="selector"/> </xs:sequence> </xs:complexType> </xs:element></pre>		


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<xs:element ref="fire-on"/>
<xs:element ref="data"/>
<xs:element ref="connector"/>
</xs:sequence>
<xs:attribute ref="ref"/>
<xs:attribute ref="init"/>
<xs:attribute ref="context-type"/>
</xs:complexType>
</xs:element>

```

Element selector

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element event
Source	<xs:element name="selector" type="xs:string" />

Element fire-on

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element event
Source	<xs:element name="fire-on" type="xs:string" />

Element data

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element event
Source	<xs:element name="data" type="xs:string" />

Element connector

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Used by	Element event
Source	<xs:element name="connector" type="xs:string" />

Attribute(s)

Attribute class / @name

Namespace	No namespace
Type	xs:NCName
Properties	use: required
Used by	Element class
Source	<code><xs:attribute name="name" use="required" type="xs:NCName" /></code>

Attribute class / @ref

Namespace	No namespace
Type	xs:NCName
Properties	use: optional
Used by	Element class
Source	<code><xs:attribute name="ref" use="optional" type="xs:NCName" /></code>

Attribute @src

Namespace	No namespace
Type	xs:anyURI
Properties	content: simple
Used by	Elements idata, layout, script, template
Source	<code><xs:attribute name="src" type="xs:anyURI" /></code>

Attribute @context-type

Namespace	No namespace
Type	restriction of xs:string
Properties	content: simple
Facets	enumeration HTML enumeration jq-mobile
Used by	Elements event, template
Source	<pre><xs:attribute name="context-type"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="HTML" /> <xs:enumeration value="jq-mobile" /> </xs:restriction> </xs:simpleType> </xs:attribute></pre>

Attribute @import-type

Namespace	No namespace
Type	restriction of xs:string
Properties	content: simple
Facets	enumeration XML enumeration SQL enumeration text
Used by	Element idata
Source	<pre><xs:attribute name="import-type"> <xs:simpleType> <xs:restriction base="xs:string"></pre>

	<pre> <xs:enumeration value="XML"/> <xs:enumeration value="SQL"/> <xs:enumeration value="text"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>
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Attribute function / @name

Namespace	No namespace
Type	xs:ID
Properties	content: simple
Used by	Element function
Source	<code><xs:attribute name="name" type="xs:ID"/></code>

Attribute @param

Namespace	No namespace
Annotations	name of the parameter
Type	xs:string
Properties	content: simple
Used by	Element function
Source	<pre> <xs:attribute name="param" type="xs:string"> <xs:annotation> <xs:documentation>name of the parameter</xs:documentation> </xs:annotation> </xs:attribute> </pre>

Attribute @ref

Namespace	No namespace
Annotations	Specifies a reference
Type	xs:IDREF
Properties	content: simple
Used by	Elements event, function
Source	<pre> <xs:attribute name="ref" type="xs:IDREF"> <xs:annotation> <xs:documentation>Specifies a reference</xs:documentation> </xs:annotation> </xs:attribute> </pre>

Attribute @init

Namespace	No namespace
Annotations	The event is fired at initialisation no need provide information for selector, fire-on and connector.
Type	restriction of xs:string
Properties	content: simple
Facets	enumeration yes enumeration no
Used by	Element event
Source	<pre> <xs:attribute name="init"> <xs:annotation> <xs:documentation>The event is fired at initialisation no need provide information for selector, fire-on and connector.</xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:string"> <xs:enumeration value="yes"/> <xs:enumeration value="no"/> </xs:restriction> </xs:simpleType> </xs:attribute> </pre>

```
</xs:simpleType>
</xs:attribute>
```

Attribute web_app / @project

Namespace	No namespace
Type	xs:NCName
Properties	use: required
Used by	Element web_app
Source	<code><xs:attribute name="project" use="required" type="xs:NCName" /></code>

Attribute web_app / @title

Namespace	No namespace
Type	xs:string
Properties	use: required
Used by	Element web_app
Source	<code><xs:attribute name="title" use="required" type="xs:string" /></code>

Attribute @overload

Namespace	No namespace
Annotations	specifies an overloaded function. The value is the number of overloads.
Type	restriction of xs:integer
Properties	content: simple
Facets	maxInclusive 99 minInclusive 1
Source	<pre><xs:attribute name="overload"> <xs:annotation> <xs:documentation>specifies an overloaded function. The value is the number of overloads.</ xs:documentation> </xs:annotation> <xs:simpleType> <xs:restriction base="xs:integer"> <xs:minInclusive value="1"/> <xs:maxInclusive value="99"/> </xs:restriction> </xs:simpleType> </xs:attribute></pre>