

# Schema documentation for moqui-conf-1.3.xsd

20 october 2013

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**Namespace: ""****Schemas****Main schema moqui-conf-1.3.xsd**

Namespace	No namespace
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**Elements****Element moqui-conf**

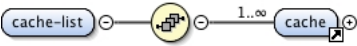
Namespace	No namespace
Diagram	
Instance	<pre> &lt;moqui-conf&gt;   &lt;tools enable-camel="true" enable-elasticsearch="true"&gt;{0,1}&lt;/tools&gt;   &lt;cache-list&gt;{0,1}&lt;/cache-list&gt;   &lt;server-stats bin-length-seconds="900" stats-skip-condition="" visit- enabled="true" visitor-enabled="true"&gt;{0,1}&lt;/server-stats&gt;   &lt;webapp-list&gt;{0,1}&lt;/webapp-list&gt;   &lt;artifact-execution-facade&gt;{0,1}&lt;/artifact-execution-facade&gt;   &lt;user-facade&gt;{0,1}&lt;/user-facade&gt;   &lt;transaction-facade&gt;{0,1}&lt;/transaction-facade&gt;   &lt;resource-facade xml-actions-template-location=""&gt;{0,1}&lt;/resource-facade&gt;   &lt;screen-facade boundary-comments="false" default-autocomplete-rows="10" default- paginate-rows="20"&gt;{0,1}&lt;/screen-facade&gt;   &lt;service-facade&gt;{0,1}&lt;/service-facade&gt;   &lt;entity-facade crypt-algo="" crypt-iter="" crypt-pass="" crypt-salt="" default-group- name="" distributed-cache-clear-enabled="false" entity-eca-enabled="true" sequenced-id- prefix=""&gt;{0,1}&lt;/entity-facade&gt;   &lt;database-list&gt;{0,1}&lt;/database-list&gt;   &lt;repository-list&gt;{0,1}&lt;/repository-list&gt;   &lt;component-list&gt;{0,1}&lt;/component-list&gt; &lt;/moqui-conf&gt; </pre>

**Element tools**

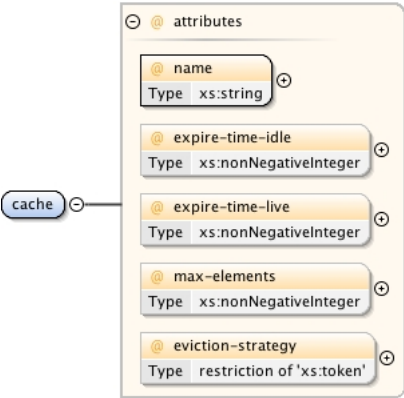
Namespace	No namespace
Diagram	

Used by	Element moqui-conf				
Attributes	QName	Type	Fixed	Default	Use
	enable-camel	boolean		true	optional
	enable-elasticsearch	boolean		true	optional

## Element cache-list

Namespace	No namespace				
Diagram					
Used by	Element moqui-conf				
Instance	<pre>&lt;cache-list&gt;   &lt;cache eviction-strategy="" expire-time-idle="" expire-time-live="" max- elements="" name=""&gt;{1,unbounded}&lt;/cache&gt; &lt;/cache-list&gt;</pre>				

## Element cache

Namespace	No namespace				
Diagram					
Used by	Element cache-list				
Attributes	QName	Type	Fixed	Default	Use
	eviction-strategy	restriction of xs:token			optional
	expire-time-idle	xs:nonNegativeInteger			optional
	Idle expire time in seconds.				
	expire-time-live	xs:nonNegativeInteger			optional
	Live expire time in seconds.				
	max-elements	xs:nonNegativeInteger			optional
	name	xs:string			required

## Element server-stats

Namespace	No namespace
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Diagram	<pre>graph LR     subgraph server_stats [server-stats]         direction TB         bin_length_seconds["bin-length-seconds Type: xs:positiveInteger Default: 900"]         visit_enabled["visit-enabled Type: boolean Default: true"]         visitor_enabled["visitor-enabled Type: boolean Default: true"]         stats_skip_condition["stats-skip-condition Type: xs:string"]     end     server_stats --- artifact_stats["artifact-stats 0..∞"]</pre>				
Used by	Element	moqui-conf			
Instance	<pre>&lt;server-stats bin-length-seconds="900" stats-skip-condition="" visit-enabled="true" visitor-enabled="true"&gt;   &lt;artifact-stats persist-bin="false" persist-hit="false" sub-type="" type=""&gt;{0,unbounded}&lt;/artifact-stats&gt; &lt;/server-stats&gt;</pre>				
Attributes	QName	Type	Fixed	Default	Use
	bin-length-seconds	xs:positiveInteger		900	optional
		The bin length should be less than or equal to one hour and evenly divisible into an hour, the default is 900 seconds (15 minutes)			
	stats-skip-condition	xs:string			optional
	visit-enabled	boolean		true	optional
	visitor-enabled	boolean		true	optional

### Element artifact-stats

Namespace	No namespace				
Diagram					
Used by	Element	server-stats			
Attributes	QName	Type	Fixed	Default	Use
	persist-bin	boolean		false	optional
	persist-hit	boolean		false	optional
	sub-type	xs:string			optional
	type	restriction of xs:token			required

### Element webapp-list

Namespace	No namespace				
Diagram					

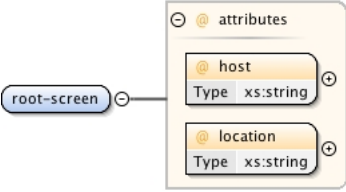
Used by	Element moqui-conf
Instance	<pre> &lt;webapp-list&gt;   &lt;webapp content-prefix-secure="" content-prefix-standard="" cookie-domain="" http- host="" http-port="" https-enabled="true" https-host="" https-port="" name="" root-screen- location=""&gt;{1,unbounded}&lt;/webapp&gt; &lt;/webapp-list&gt; </pre>

## Element webapp

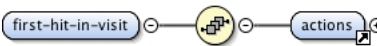
Namespace	No namespace
Diagram	
Used by	Element webapp-list
Instance	<pre> &lt;webapp content-prefix-secure="" content-prefix-standard="" cookie-domain="" http- host="" http-port="" https-enabled="true" https-host="" https-port="" name="" root-screen- location=""&gt;   &lt;root-screen host="" location=""&gt;{0,unbounded}&lt;/root-screen&gt;   &lt;first-hit-in-visit&gt;{0,1}&lt;/first-hit-in-visit&gt;   &lt;before-request&gt;{0,1}&lt;/before-request&gt;   &lt;after-request&gt;{0,1}&lt;/after-request&gt;   &lt;after-login&gt;{0,1}&lt;/after-login&gt;   &lt;before-logout&gt;{0,1}&lt;/before-logout&gt;   &lt;after-startup&gt;{0,1}&lt;/after-startup&gt;   &lt;before-shutdown&gt;{0,1}&lt;/before-shutdown&gt; &lt;/webapp&gt; </pre>

Attributes	QName	Type	Fixed	Default	Use
	<b>content-prefix-secure</b>	xs:string			optional
	<b>content-prefix-standard</b>	xs:string			optional
	<b>cookie-domain</b>	xs:string			optional
	<b>http-host</b>	xs:string			optional
	<b>http-port</b>	xs:string			optional
	<b>https-enabled</b>	boolean		true	optional
	<b>https-host</b>	xs:string			optional
	<b>https-port</b>	xs:string			optional
	<b>name</b>	xs:string			required
	Matched against value of a context-param -> param-value element in the web.xml file where the param-name is "moqui-name".				
	<b>root-screen-location</b>	xs:string			optional

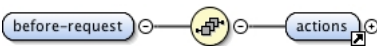
### Element root-screen

Namespace	No namespace				
Diagram					
Used by	Element	webapp			
Attributes	QName	Type	Fixed	Default	Use
	<b>host</b>	xs:string			required
	A pattern to match the host name against (from ServletRequest.getServerName())				
	<b>location</b>	xs:string			required
	The location of the root screen XML file				

### Element first-hit-in-visit

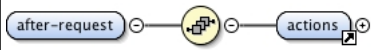
Namespace	No namespace
Diagram	
Used by	Element                      webapp
Instance	<pre>&lt;first-hit-in-visit&gt;   &lt;actions&gt;{1,1}&lt;/actions&gt; &lt;/first-hit-in-visit&gt;</pre>

### Element before-request


Namespace	No namespace
Diagram	
Used by	Element                  webapp
Instance	<pre>&lt;before-request&gt;   &lt;actions&gt;{1,1}&lt;/actions&gt; &lt;/before-request&gt;</pre>

### Element after-request

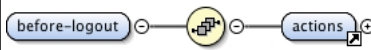
Namespace	No namespace				
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Diagram	
Used by	Element webapp
Instance	<pre>&lt;after-request&gt;   &lt;actions&gt;{1,1}&lt;/actions&gt; &lt;/after-request&gt;</pre>

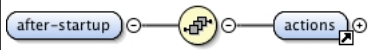
### Element after-login

Namespace	No namespace
Diagram	
Used by	Element webapp
Instance	<pre>&lt;after-login&gt;   &lt;actions&gt;{1,1}&lt;/actions&gt; &lt;/after-login&gt;</pre>

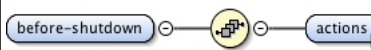
### Element before-logout

Namespace	No namespace
Diagram	
Used by	Element webapp
Instance	<pre>&lt;before-logout&gt;   &lt;actions&gt;{1,1}&lt;/actions&gt; &lt;/before-logout&gt;</pre>

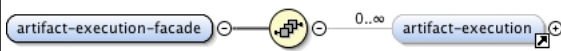
### Element after-startup

Namespace	No namespace
Diagram	
Used by	Element webapp
Instance	<pre>&lt;after-startup&gt;   &lt;actions&gt;{1,1}&lt;/actions&gt; &lt;/after-startup&gt;</pre>

### Element before-shutdown

Namespace	No namespace
Diagram	
Used by	Element webapp
Instance	<pre>&lt;before-shutdown&gt;   &lt;actions&gt;{1,1}&lt;/actions&gt; &lt;/before-shutdown&gt;</pre>

### Element artifact-execution-facade

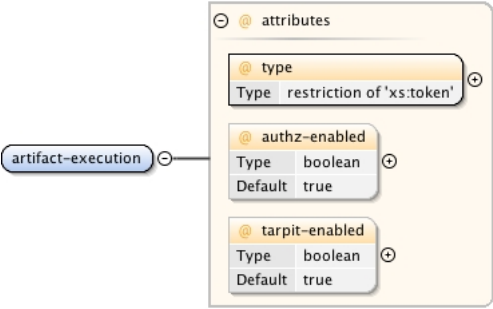
Namespace	No namespace
Diagram	
Used by	Element moqui-conf
Instance	<pre>&lt;artifact-execution-facade&gt;   &lt;artifact-execution authz-enabled="true" tarpit-enabled="true" type=" "&gt;{0,unbounded}&lt;/ artifact-execution&gt;</pre>

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 </artifact-execution-facade>
 

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## Element artifact-execution

Namespace	No namespace				
Diagram					
Used by	Element	artifact-execution-facade			
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	authz-enabled	boolean		true	optional
	tarpit-enabled	boolean		true	optional
	type	restriction of xs:token			required

## Element user-facade

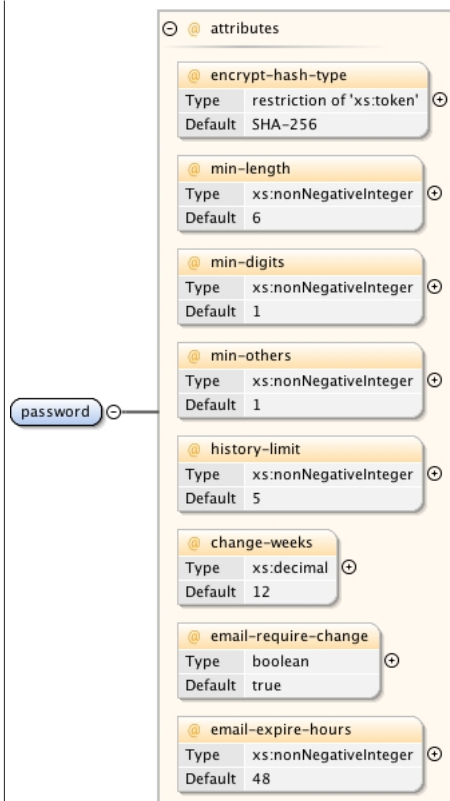
Namespace	No namespace
Diagram	
Used by	Element moqui-conf
Instance	<pre>&lt;user-facade&gt;   &lt;password change-weeks="12" email-expire-hours="48" email-require-change="true" encrypt- hash-type="SHA-256" history-limit="5" min-digits="1" min-length="6" min-others="1"&gt;{1,1}&lt;/ password&gt;   &lt;login disable-minutes="30" history-incorrect-password="true" history-store="true" max- failures="3"&gt;{1,1}&lt;/login&gt; &lt;/user-facade&gt;</pre>

## Element password

Namespace	No namespace
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Diagram



Used by

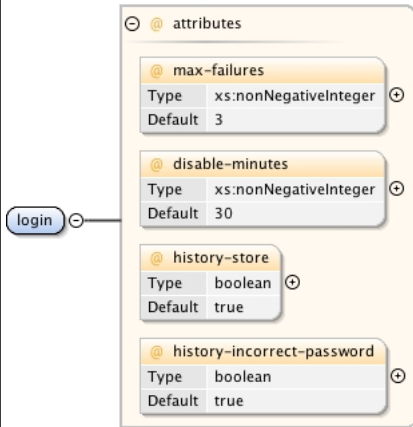
Element user-facade

Attributes


QName	Type	Fixed	Default	Use
<b>change-weeks</b>	xs:decimal		12	optional
	Require password change after this many months (0 means don't ever require change)			
<b>email-expire-hours</b>	xs:nonNegativeInteger		48	optional
	How long will the new password be valid from the password reset email?			
<b>email-require-change</b>	boolean		true	optional
	Require password change after a password reset email?			
<b>encrypt-hash-type</b>	restriction of xs:token		SHA-256	optional
<b>history-limit</b>	xs:nonNegativeInteger		5	optional
	Number of old passwords to save that cannot be reused (0 means don't save any history)			
<b>min-digits</b>	xs:nonNegativeInteger		1	optional
	Minimum number of digits (numeric characters) in the password			
<b>min-length</b>	xs:nonNegativeInteger		6	optional
	Minimum length of password			
<b>min-others</b>	xs:nonNegativeInteger		1	optional
	Minimum number of other (non-alpha/numeric, not letters or digits) characters in the password			

## Element login

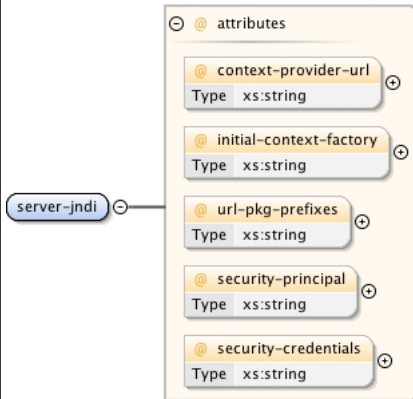
Namespace	No namespace
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Diagram					
Used by	Element user-facade				
Attributes	QName	Type	Fixed	Default	Use
	disable-minutes	xs:nonNegativeInteger		30	optional
	How long to disable the account (0 means no limit, ie forever)				
	history-incorrect-password	boolean		true	optional
	Store incorrect passwords in login attempt history?				
	history-store	boolean		true	optional
	Store records of login attempts?				
	max-failures	xs:nonNegativeInteger		3	optional
	Account is disabled after max failures				

## Element transaction-facade

Namespace	No namespace
Diagram	
Used by	Element moqui-conf
Instance	<pre> &lt;transaction-facade&gt;   &lt;server-jndi context-provider-url="" initial-context-factory="" security- credentials="" security-principal="" url-pkg-prefixes=""&gt;{0,1}&lt;/server-jndi&gt;   &lt;transaction-factory factory-type="" transaction-manager-jndi-name="" user-transaction- jndi-name=""&gt;{0,1}&lt;/transaction-factory&gt; &lt;/transaction-facade&gt; </pre>

## Element server-jndi

Namespace	No namespace
Diagram	
Used by	Elements entity-facade, transaction-facade

Attributes	QName	Type	Fixed	Default	Use
	<b>context-provider-url</b>	xs:string			optional
	<b>initial-context-factory</b>	xs:string			optional
	<b>security-credentials</b>	xs:string			optional
	The password				
	<b>security-principal</b>	xs:string			optional
	The username				
	<b>url-pkg-prefixes</b>	xs:string			optional

## Element transaction-factory

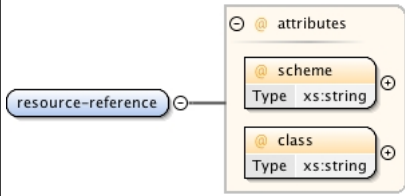
Namespace	No namespace				
Diagram					
Used by	Element	transaction-facade			
Attributes	QName	Type	Fixed	Default	Use
	<b>factory-type</b>	restriction of xs:token			required
	<b>transaction-manager-jndi-name</b>	xs:string			optional
	<b>user-transaction-jndi-name</b>	xs:string			optional

## Element resource-facade

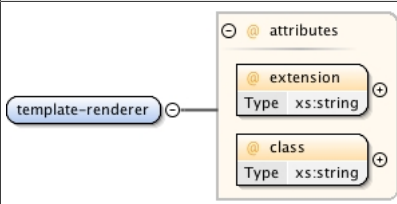
Namespace	No namespace				
Diagram					
Used by	Element	moqui-conf			
Instance	<pre>&lt;resource-facade xml-actions-template-location=""&gt;   &lt;resource-reference class="" scheme=""&gt;{0,unbounded}&lt;/resource-reference&gt;   &lt;template-renderer class="" extension=""&gt;{0,unbounded}&lt;/template-renderer&gt;   &lt;script-runner class="" engine="" extension=""&gt;{0,unbounded}&lt;/script-runner&gt; &lt;/resource-facade&gt;</pre>				
Attributes	QName	Type	Fixed	Default	Use
	xml-actions-template-location	xs:string			optional

## Element resource-reference

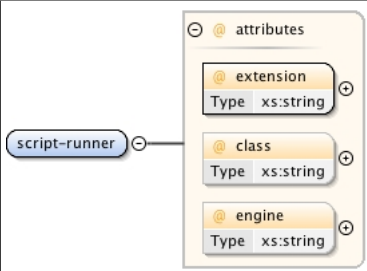
Namespace	No namespace
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Diagram	 <p>The diagram shows a blue rounded rectangle labeled 'resource-reference' connected by a line to a larger yellow rounded rectangle. Inside the yellow rectangle is a section labeled '@ attributes' containing two sub-elements: '@ scheme' and '@ class'. Both sub-elements are labeled 'Type xs:string' and have a small circle with a plus sign to their right.</p>				
Used by	Element	resource-facade			
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	class	xs:string			required
	scheme	xs:string			required

## Element template-renderer

Namespace	No namespace				
Diagram	 <p>The diagram shows a blue rounded rectangle labeled 'template-renderer' connected by a line to a larger yellow rounded rectangle. Inside the yellow rectangle is a section labeled '@ attributes' containing two sub-elements: '@ extension' and '@ class'. Both sub-elements are labeled 'Type xs:string' and have a small circle with a plus sign to their right.</p>				
Used by	Element	resource-facade			
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	class	xs:string			required
	extension	xs:string			required

## Element script-runner

Namespace	No namespace				
Diagram	 <p>The diagram shows a blue rounded rectangle labeled 'script-runner' connected by a line to a larger yellow rounded rectangle. Inside the yellow rectangle is a section labeled '@ attributes' containing three sub-elements: '@ extension', '@ class', and '@ engine'. Each sub-element is labeled 'Type xs:string' and has a small circle with a plus sign to its right.</p>				
Used by	Element	resource-facade			
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	class	xs:string			optional
	If specified should point to a class that implements the org.moqui.context.ScriptRunner interface.				
	engine	xs:string			optional
	<p>The JSR-223 engine name, i.e. the name passed to the javax.script.ScriptEngine.getEngineByName() method. If you use this attribute do not use the class attribute as that will override this setting.</p> <p>NOTE: If you use a default extension supported in JSR-223 for the desired scripting language you do not need a script-runner element. The ScriptEngine will be looked up using the ScriptEngineManager.getEngineByExtension() method and the script (pre-compiled if supported) will be cached in the "resource.script\${extension}.location" cache.</p>				
	extension	xs:string			required

## Element screen-facade

Namespace	No namespace				
Diagram					
Used by	Element moqui-conf				
Instance	<pre>&lt;screen-facade boundary-comments="false" default-autocomplete-rows="10" default-paginate-rows="20"&gt;   &lt;screen-text-output macro-template-location=" " mime-type=" " type=" "&gt;{0,unbounded}&lt;/screen-text-output&gt; &lt;/screen-facade&gt;</pre>				
Attributes	QName	Type	Fixed	Default	Use
	boundary-comments	boolean		false	optional
	default-autocomplete-rows	xs:string		10	optional
	default-paginate-rows	xs:string		20	optional

## Element screen-text-output

Namespace	No namespace				
Diagram					
Used by	Element screen-facade				
Attributes	QName	Type	Fixed	Default	Use
	macro-template-location	xs:string			required
	mime-type	xs:string			optional
	type	xs:string			required
	Can be anything. Default supported values include: text, html, xsl-fo, xml, and csv.				

## Element service-facade

Namespace	No namespace				
Diagram					

Used by	Element moqui-conf
Instance	<pre> &lt;service-facade&gt;   &lt;service-location location=" " name=" "&gt;{0,unbounded}&lt;/service-location&gt;   &lt;service-type name=" " runner-class=" "&gt;{0,unbounded}&lt;/service-type&gt; &lt;/service-facade&gt; </pre>

## Element service-location

Namespace	No namespace				
Diagram					
Used by	Element	service-facade			
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	<b>location</b>	xs:string			required
	<b>name</b>	xs:string			required

## Element service-type

Namespace	No namespace				
Diagram					
Used by	Element	service-facade			
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	<b>name</b>	xs:string			required
	<b>runner-class</b>	xs:string			required
	Fully qualified name of class that implements the org.moqui.impl.service.ServiceRunner interface.				

## Element entity-facade

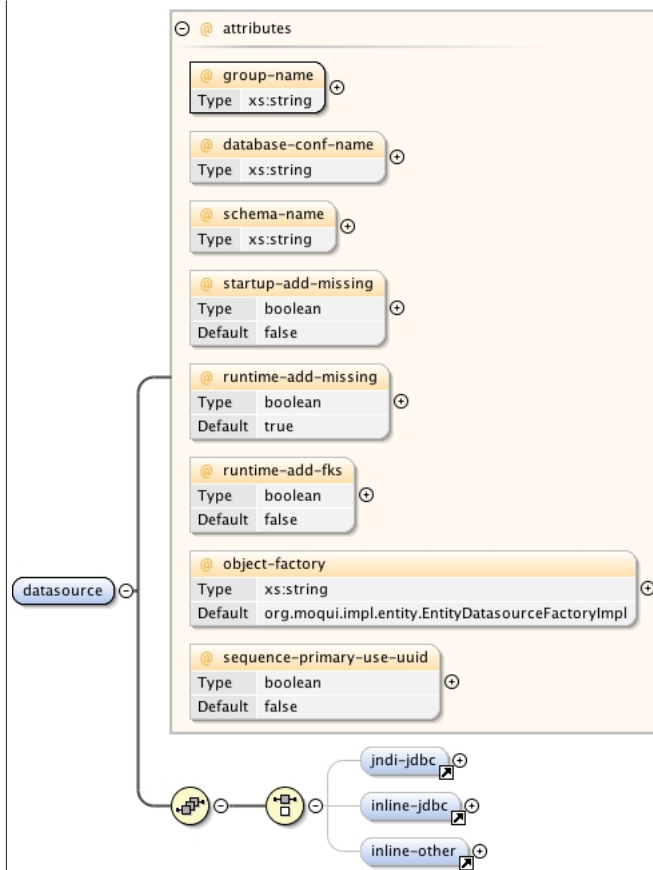
Namespace	No namespace
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Diagram					
Used by	Element	moqui-conf			
Instance	<pre>&lt;entity-facade crypt-algo="" crypt-iter="" crypt-pass="" crypt-salt="" default-group- name="" distributed-cache-clear-enabled="false" entity-eca-enabled="true" sequenced-id- prefix=""&gt;   &lt;server-jndi context-provider-url="" initial-context-factory="" security- credentials="" security-principal="" url-pkg-prefixes=""&gt;{0,1}&lt;/server-jndi&gt;   &lt;datasource database-conf-name="" group-name="" object- factory="org.moqui.impl.entity.EntityDatasourceFactoryImpl" runtime-add- fks="false" runtime-add-missing="true" schema-name="" sequence-primary-use- uuid="false" startup-add-missing="false"&gt;{0,unbounded}&lt;/datasource&gt;   &lt;load-entity location=""&gt;{0,unbounded}&lt;/load-entity&gt;   &lt;load-data location=""&gt;{0,unbounded}&lt;/load-data&gt; &lt;/entity-facade&gt;</pre>				
Attributes	QName	Type	Fixed	Default	Use
	crypt-algo	xs:string			optional
	crypt-iter	xs:string			optional
	crypt-pass	xs:string			optional
	crypt-salt	xs:string			optional
	default-group-name	xs:string			optional
	distributed-cache-clear-enabled	boolean		false	optional
	entity-eca-enabled	boolean		true	optional
	sequenced-id-prefix	xs:string			optional

## Element datasource

Namespace	No namespace
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Diagram



Used by

Element entity-facade

Instance

```
<datasource database-conf-name="" group-name="" object-
factory="org.moqui.impl.entity.EntityDataSourceFactoryImpl" runtime-add-
fks="false" runtime-add-missing="true" schema-name="" sequence-primary-use-
uuid="false" startup-add-missing="false">
  <jndi-jdbc isolation-level="" jndi-name="">{0,1}</jndi-jdbc>
  <inline-jdbc isolation-level="" jdbc-driver="" jdbc-password="" jdbc-uri="" jdbc-
username="" pool-maxsize="50" pool-minsize="5" pool-test-query="" pool-time-idle="" pool-
time-maint="" pool-time-reap="" pool-time-wait="" xa-ds-class="">{0,1}</inline-jdbc>
  <inline-other>{0,1}</inline-other>
</datasource>
```

Attributes

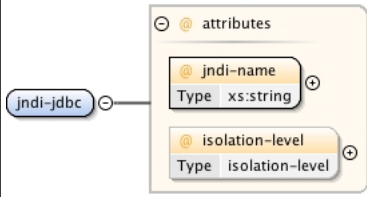
QName	Type	Fixed	Default	Use
database-conf-name	xs:string			optional
This is only required for JDBC/SQL datasources.				
group-name	xs:string			required
object-factory	xs:string		org.moqui.impl.entity.EntityDataSourceFactoryImpl	optional
The references class must implement the org.moqui.entity.EntityDataSourceFactory interface.				
runtime-add-fks	boolean		false	optional
runtime-add-missing	boolean		true	optional
schema-name	xs:string			optional
sequence-primary-use-uuid	boolean		false	optional
Uses java.util.UUID.randomUUID() to get sequenced IDs for this entity.				
startup-add-missing	boolean		false	optional

## Element jndi-jdbc

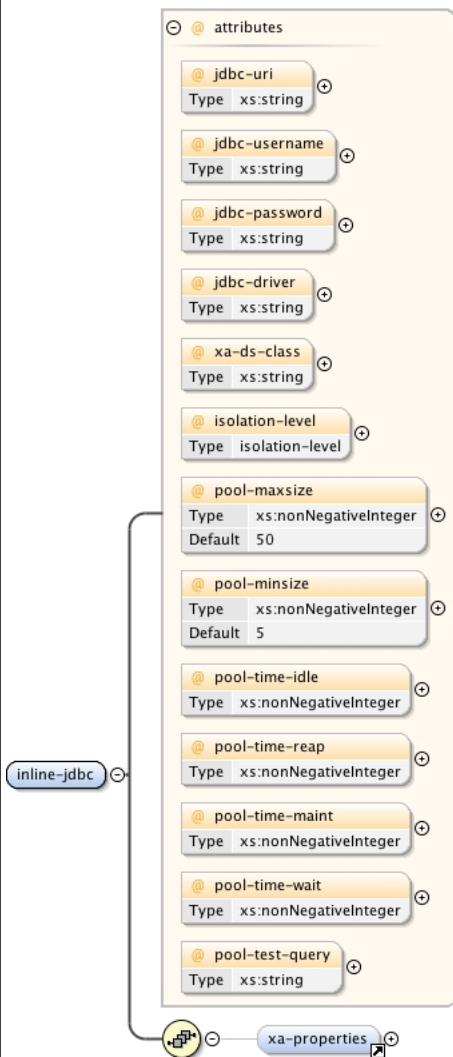
Namespace

No namespace



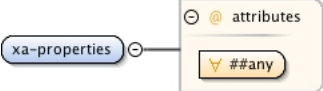
Diagram					
Used by	Element      datasource				
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	isolation-level	isolation-level			optional
	jndi-name	xs:string			required

## Element inline-jdbc


Namespace	No namespace				
Diagram					
Used by	Element      datasource				
Instance	<pre>&lt;inline-jdbc isolation-level="" jdbc-driver="" jdbc-password="" jdbc-uri="" jdbc-username="" pool-maxsize="50" pool-minsize="5" pool-test-query="" pool-time-idle="" pool-time-maint="" pool-time-reap="" pool-time-wait="" xa-ds-class=""&gt;   &lt;xa-properties&gt;{0,1}&lt;/xa-properties&gt; &lt;/inline-jdbc&gt;</pre>				
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	isolation-level	isolation-level			optional
	jdbc-driver	xs:string			optional

QName	Type	Fixed	Default	Use
<b>jdbc-password</b>	xs:string			optional
<b>jdbc-uri</b>	xs:string			optional
<b>jdbc-username</b>	xs:string			optional
<b>pool-maxsize</b>	xs:nonNegativeInteger		50	optional
<b>pool-minsize</b>	xs:nonNegativeInteger		5	optional
<b>pool-test-query</b>	xs:string			optional
<b>pool-time-idle</b>	xs:nonNegativeInteger			optional
	Maximum time in seconds that unused excess connections should stay in the pool.			
<b>pool-time-maint</b>	xs:nonNegativeInteger			optional
	Running interval in seconds for the pool maintenance thread. Defaults to 60 seconds.			
<b>pool-time-reap</b>	xs:nonNegativeInteger			optional
	Time in seconds that the connection pool will allow a connection to be in use, before claiming it back. Defaults to no limit.			
<b>pool-time-wait</b>	xs:nonNegativeInteger			optional
	Sets the maximum amount of time in seconds the pool will block waiting for a connection to become available in the pool when it is empty. Defaults to 30 seconds. Zero means no waiting.			
<b>xa-ds-class</b>	xs:string			optional

## Element xa-properties

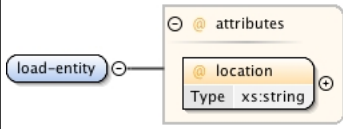
Namespace	No namespace				
Diagram					
Used by	Element	inline-jdbc			
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	ANY attribute from ANY namespace				

## Element inline-other

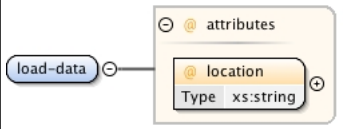
Namespace	No namespace				
Diagram					
Used by	Element	datasource			
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	ANY attribute from ANY namespace				

## Element load-entity

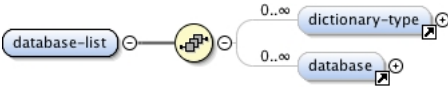
Namespace	No namespace				
Annotations	<p>Most resources should be loaded by directory convention (convention over configuration) within a component so this should only be used rarely. Sometimes that is not possible such as remote locations or on a classpath that is inside a war or ear file, or that is from a special ClassLoader.</p>				

Diagram					
Used by	Element	entity-facade			
Attributes	QName	Type	Fixed	Default	Use
	location	xs:string			required

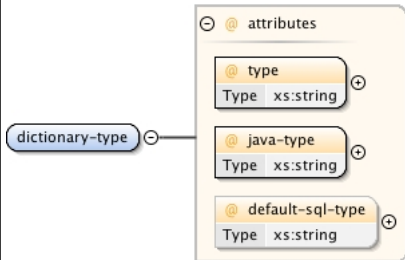
## Element load-data

Namespace	No namespace				
Annotations	Most resources should be loaded by directory convention (convention over configuration) within a component so this should only be used rarely. Sometimes that is not possible such as remote locations or on a classpath that is inside a war or ear file, or that is from a special ClassLoader.				
Diagram					
Used by	Element	entity-facade			
Attributes	QName	Type	Fixed	Default	Use
	location	xs:string			required

## Element database-list

Namespace	No namespace
Diagram	 <pre>graph LR; database-list --&gt; dictionary-type; database-list --&gt; database;</pre>
Used by	Element moqui-conf
Instance	<pre>&lt;database-list&gt;   &lt;dictionary-type default-sql-type="" java-type="" type=""&gt;{0,unbounded}&lt;/dictionary-type&gt;   &lt;database always-use-constraint-keyword="false" character-set="" collate="" constraint-name-clip-length="30" default-isolation-level="" default-jdbc-driver="" default-test-query="" default-xa-ds-class="" fk-style="name_constraint" join-style="ansi" name="" offset-style="fetch" result-fetch-size="-1" table-engine="" use-fk-initially-deferred="false" use-foreign-key-indexes="true" use-foreign-keys="true" use-indexes="true" use-indexes-unique="true" use-indexes-unique-where-not-null="false" use-pk-constraint-names="true" use-schema-for-all="false" use-schemas="true"&gt;{0,unbounded}&lt;/database&gt; &lt;/database-list&gt;</pre>

## Element dictionary-type

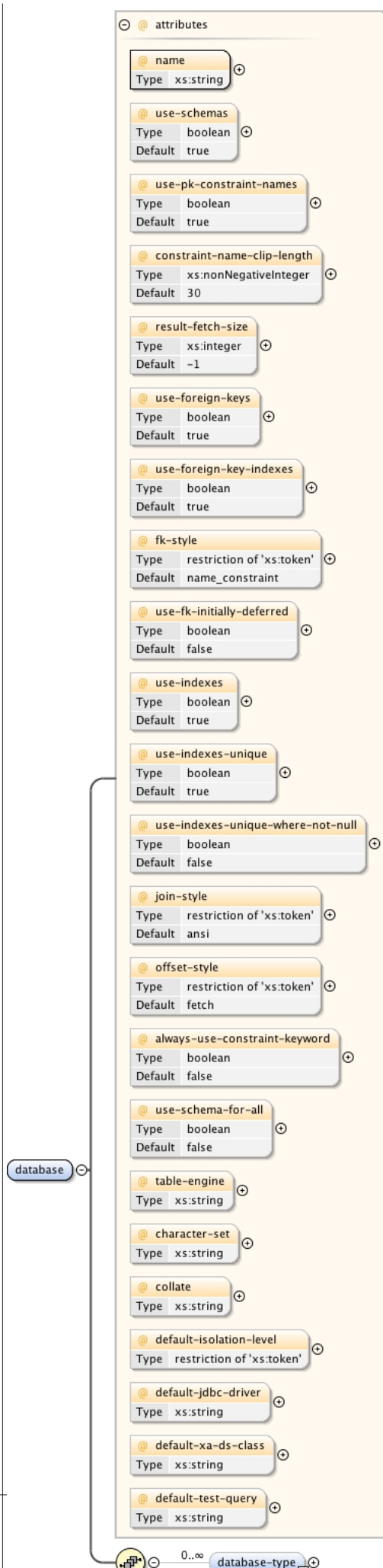
Namespace	No namespace				
Diagram					
Used by	Element	database-list			

Attributes	QName	Type	Fixed	Default	Use
	default-sql-type	xs:string			optional
	java-type	xs:string			required
	type	xs:string			required

## Element database

Namespace	No namespace
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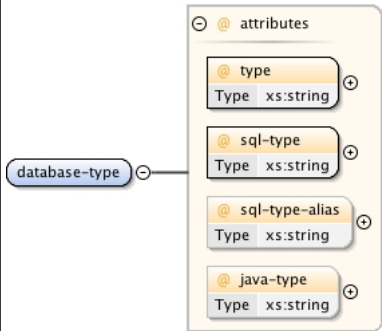
Diagram




Used by	Element database-list				
Instance	<pre> &lt;database always-use-constraint-keyword="false" character-set="" collate="" constraint- name-clip-length="30" default-isolation-level="" default-jdbc-driver="" default- test-query="" default-xa-ds-class="" fk-style="name_constraint" join- style="ansi" name="" offset-style="fetch" result-fetch-size="-1" table-engine="" use-fk- initially-deferred="false" use-foreign-key-indexes="true" use-foreign-keys="true" use- indexes="true" use-indexes-unique="true" use-indexes-unique-where-not-null="false" use-pk- constraint-names="true" use-schema-for-all="false" use-schemas="true"&gt;   &lt;database-type java-type="" sql-type="" sql-type-alias="" type=""&gt;{0,unbounded}&lt;/ database-type&gt; &lt;/database&gt; </pre>				
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	<b>always-use-constraint-keyword</b>	boolean		false	optional
	<b>character-set</b>	xs:string			optional
	<b>collate</b>	xs:string			optional
	<b>constraint-name-clip-length</b>	xs:nonNegativeInteger		30	optional
	<b>default-isolation-level</b>	restriction of xs:token			optional
	<b>default-jdbc-driver</b>	xs:string			optional
	<b>default-test-query</b>	xs:string			optional
	<b>default-xa-ds-class</b>	xs:string			optional
	<b>fk-style</b>	restriction of xs:token		name_constraint	optional
	<b>join-style</b>	restriction of xs:token		ansi	optional
	<b>name</b>	xs:string			required
	<b>offset-style</b>	restriction of xs:token		fetch	optional
	<b>result-fetch-size</b>	xs:integer		-1	optional
	<b>table-engine</b>	xs:string			optional
	<b>use-fk-initially-deferred</b>	boolean		false	optional
	<b>use-foreign-key-indexes</b>	boolean		true	optional
	<b>use-foreign-keys</b>	boolean		true	optional
	<b>use-indexes</b>	boolean		true	optional
	Use manually declared indexes?				
	<b>use-indexes-unique</b>	boolean		true	optional
	For manually declared indexes (if used), use the unique constraint?				
	<b>use-indexes-unique-where-not-null</b>	boolean		false	optional
	For manually declared indexes (if used), unique constraints should disregard null values?				
	<b>use-pk-constraint-names</b>	boolean		true	optional
	<b>use-schema-for-all</b>	boolean		false	optional
	<b>use-schemas</b>	boolean		true	optional

## Element database-type

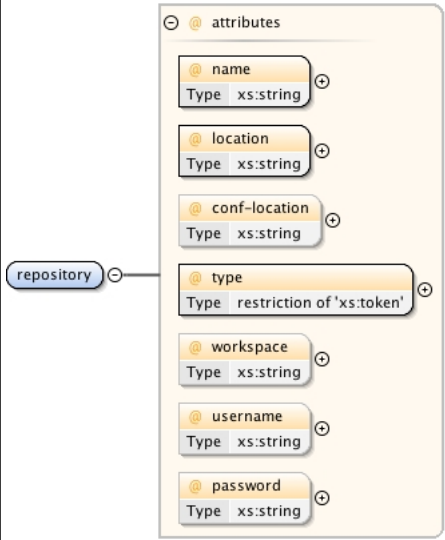
Namespace	No namespace
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Diagram					
Used by	Element	database			
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	java-type	xs:string			optional
	sql-type	xs:string			required
	sql-type-alias	xs:string			optional
	type	xs:string			required

### Element repository-list


Namespace	No namespace
Diagram	
Used by	Element moqui-conf
Instance	<pre>&lt;repository-list&gt;   &lt;repository conf- location=" " location=" " name=" " password=" " type=" " username=" " workspace=" "&gt;{0,unbounded}&lt;/ repository&gt; &lt;/repository-list&gt;</pre>

### Element repository

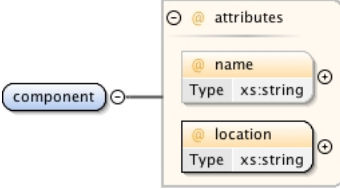
Namespace	No namespace				
Diagram					
Used by	Element	repository-list			
Attributes	<b>QName</b>	<b>Type</b>	<b>Fixed</b>	<b>Default</b>	<b>Use</b>
	conf-location	xs:string			optional
	Defaults to: [\${location}/repository.xml]; only used for local				
	location	xs:string			required
	name	xs:string			required

	QName	Type	Fixed	Default	Use
	<b>password</b>	xs:string			optional
	<b>type</b>	restriction of xs:token			required
	<b>username</b>	xs:string			optional
	<b>workspace</b>	xs:string			optional
	Defaults to the repository's default workspace.				

## Element component-list

Namespace	No namespace
Annotations	Use this to specify components to load in addition to those in the runtime/component directory. This is useful for components in JCR repositories or wherever. The location needs to use a protocol/schema that supports looking at sub-directories, etc (like content:, file:, etc).
Diagram	
Used by	Element moqui-conf
Instance	<pre> &lt;component-list&gt;   &lt;component location=" " name=" "&gt;{0,unbounded}&lt;/component&gt; &lt;/component-list&gt; </pre>

## Element component

Namespace	No namespace				
Diagram					
Used by	Element component-list				
Attributes	QName	Type	Fixed	Default	Use
	location	xs:string			required
	name	xs:string			optional