

geronimo-web-1.1.xsd (ES)

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<http://geronimo.apache.org/schemas-1.1/geronimo-web-1.1.xsd>

```
xmlsolidgeronimo-web-1.1.xsd <?xml version="1.0" encoding="UTF-8"?> <!-- Copyright 2004-2005 The Apache Software Foundation Licensed under the
Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is
distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific
language governing permissions and limitations under the License. --> <xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified"
targetNamespace="http://geronimo.apache.org/xml/ns/j2ee/web-1.1" version="1.0" xmlns:naming="http://geronimo.apache.org/xml/ns/naming-1.1" xmlns:
security="http://geronimo.apache.org/xml/ns/security-1.1" xmlns:sys="http://geronimo.apache.org/xml/ns/deployment-1.1" xmlns:web="http://geronimo.
apache.org/xml/ns/j2ee/web-1.1" xmlns:xs="http://www.w3.org/2001/XMLSchema"> <xs:import namespace="http://geronimo.apache.org/xml/ns/naming-
1.1" schemaLocation="geronimo-naming-1.1.xsd"/> <xs:import namespace="http://geronimo.apache.org/xml/ns/security-1.1" schemaLocation="geronimo-
security-1.1.xsd"/> <xs:import namespace="http://geronimo.apache.org/xml/ns/deployment-1.1" schemaLocation="geronimo-module-1.1.xsd"/> <xs:
element name="web-app" type="web:web-appType"> <xsd:annotation> <xsd:documentation> The web-app element is the root of the deployment
descriptor for a Geronimo web application. Note that the sub-elements of this element should be as in the given order because it is defined as a sequence.
</xsd:documentation> </xsd:annotation> </xs:element> <xs:complexType name="web-appType"> <xs:sequence> <xs:element minOccurs="0" ref="sys:
environment"/> <xs:element minOccurs="0" name="context-root" type="xs:string"> <xsd:annotation> <xsd:documentation> This is the first part of the URL
used to access the web application. For example context-root of "Sample-App" will have URL of http://host:port/Sample-App" and a context-root of "/"
would be make this the default web application to the server. If the web application is packaged as an EAR one can use application context in the
"application.xml". This element is necessary unless you want context root to default to the WAR name. </xsd:documentation> </xsd:annotation> </xs:
element> <xs:element minOccurs="0" ref="naming:web-container"/> <xs:element minOccurs="0" name="container-config" type="web:container-
configType"> <xsd:annotation> <xsd:documentation> Geronimo supports both Jetty and Tomcat web containers. This element is for a web application
needs to take container specific settings. It can hold either a Tomcat element or a Jetty element or both. </xsd:documentation> </xsd:annotation> </xs:
element> <xs:group ref="naming:jndiEnvironmentRefsGroup"/> <xs:element minOccurs="0" ref="naming:message-destination"
/> <xs:sequence minOccurs="0"> <xs:element name="security-realm-name" type="xs:string"> <xsd:annotation> <xsd:documentation> The name of the
security realm that will authenticcate user logins. It should match the "name" specified for security realm GBean. </xsd:documentation> </xsd:annotation> </xs:
element> <xs:element minOccurs="0" ref="security:security"/> </xs:sequence> <xs:element minOccurs="0" ref="sys:gbean"
/> </xs:sequence> </xs:complexType> <xs:complexType name="container-configType"> <xsd:annotation> <xsd:documentation> This element describes
element type for container-config element. It describes container specific attributes which are valid for either Tomcat or Jetty container. </xsd:
documentation> </xsd:annotation> <xs:sequence> <xs:any minOccurs="0" maxOccurs="unbounded" namespace="##other" processContents="lax"/> </xs:
sequence> </xs:complexType> </xs:schema>
```

Propiedades del Documento Esquemaschema

Namespace Objetivo	http://geronimo.apache.org/xml/ns/j2ee/web-1.1
Versión	1.1
Namespace de Elemento y Atributo	• Declaraciones globales de elemento y atributo pertenecen al namespace objetivo de este esquema. • Por defecto, declaraciones de elemento local pertenecen al namespace objetivo de este esquema. • Por defecto, declaraciones de atributo local no tienen namespace.
Composición del Esquema	• Este esquema importa esquema(s) del(los) siguiente(s) namespace(s): ◦ http://geronimo.apache.org/xml/ns/naming-1.1 (en geronimo-naming-1.1.xsd) ◦ http://geronimo.apache.org/xml/ns/security-1.1 (en geronimo-security-1.1.xsd) ◦ http://geronimo.apache.org/xml/ns/deployment-1.1 (en geronimo-module-1.1.xsd)

Namespaces Declarados

Prefijo	Namespace
xml	http://www.w3.org/XML/1998/namespace
web	http://geronimo.apache.org/xml/ns/j2ee/web-1.1
naming	http://geronimo.apache.org/xml/ns/naming-1.1
security	http://geronimo.apache.org/xml/ns/security-1.1
sys	http://geronimo.apache.org/xml/ns/deployment-1.1

xs	http://www.w3.org/2001/XMLSchema
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xmlsolidRepresentación del Componente de Esquema <xs:schema targetNamespace="http://geronimo.apache.org/xml/ns/j2ee/web-1.1" elementFormDefault="qualified" attributeFormDefault="unqualified" <xs:import namespace="http://geronimo.apache.org/xml/ns/naming-1.1" schemaLocation="geronimo-naming-1.1.xsd"/> <xs:import namespace="http://geronimo.apache.org/xml/ns/security-1.1" schemaLocation="geronimo-security-1.1.xsd"/> <xs:import namespace="http://geronimo.apache.org/xml/ns/deployment-1.1" schemaLocation="geronimo-module-1.1.xsd"/> version="1.0"> ... </xs:schema>

Declaraciones Globalesglobal

Elemento: web-appwebapp

Elemento:	web-app
Nombre	web-app
Tipo	web:web-appType
Anulable (Nillable)	no
Abstracto	no

xmlsolidRepresentación de la Instancia XML: web-app <web:web-app configId=" xs:string [1]" parentId=" xs:string [0..1]"> <sys:import> ... </sys:import> [0..*] <sys:dependency> ... </sys:dependency> [0..*] <web:context-root> xs:string </web:context-root> [0..1] <web:context-priority-classloader> xs:boolean </web:context-priority-classloader> [0..1] <web:container-config> web:container-configType </web:container-config> [0..1] <naming:message-destination> ... </naming:message-destination> [0..*] Start Sequence [0..1] <web:security-realm-name> xs:string </web:security-realm-name> [1] <security:security> ... </security:security> [0..1] End Sequence <sys:gbean> ... </sys:gbean> [0..*] </web:web-app> xmlsolidRepresentación de Componente del Esquema: web-app <xs:element name="web-app" type="web:web-appType"/>

Definiciones Globalesglobaldef

Tipo Complejo: container-configTypecontainer

Super-tipos:	Ninguno
Sub-tipos:	Ninguno

Nombre	container-configType
Abstracto	No

xmlsolidRepresentación de la Instancia XML: container-configType <...> Allow any elements from a namespace other than this schema's namespace (lax validation). [0..*] </...> xmlsolidRepresentación de Componente del Esquema: container-configType <xs:complexType name="container-configType" <xs:sequence> <xs:any namespace="##other" processContents="lax" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType>

Tipo Complejo: web-appTypewebapp

Tipo Complejo:	web-appType
Super-tipos:	None
Sub-tipos:	None
Nombre	web-appType
Abstracto	No

xmlsolidRepresentación de la Instancia XML: web-appType <... configId=" xs:string [1]" parentId=" xs:string [0..1]"> <sys:import> ... </sys:import> [0..*] <sys:dependency> ... </sys:dependency> [0..*] <web:context-root> xs:string </web:context-root> [0..1] <web:context-priority-classloader> xs:boolean </web:context-priority-classloader> [0..1] <web:container-config> web:container-configType </web:container-config> [0..1] <naming:message-destination> ... </naming:message-destination> [0..*] Start Sequence [0..1] <web:security-realm-name> xs:string </web:security-realm-name> [1] <security:security> ... </security:security> [0..1] End Sequence <sys:gbean> ... </sys:gbean> [0..*] </...> xmlsolidRepresentación de Componente del Esquema: web-appType <xs:complexType name="web-appType"> <xs:sequence> <xs:element ref="sys:environment" minOccurs="0"/> <xs:element name="context-root" type="xs:string" minOccurs="0"/> <!--<xs:element name="context-priority-classloader" type="xs:boolean" minOccurs="0"/>--> <xs:element ref="naming:web-container" minOccurs="0"/> <xs:element name="container-config" type="web:container-configType" minOccurs="0"/> <xs:group ref="naming:jndiEnvironmentRefsGroup"/> <xs:element ref="naming:message-destination" minOccurs="0" maxOccurs="unbounded"/> <xs:sequence minOccurs="0"> <xs:element name="security-realm-name" type="xs:string"/> <xs:element ref="security:security" minOccurs="0"/> </xs:sequence> <xs:element ref="sys:gbean" minOccurs="0" maxOccurs="unbounded"/> </xs:sequence> </xs:complexType>

Leyenda

Tipo Complejo:	AusAddress
Tipo del Componente de Esquema	Schema Component Name
Super-tipos:	Address < AusAddress (by extension)
Sub-tipos:	*QLDAddress (by restriction)

Si este componente de esquema es una definición de tipo, su jerarquía de tipo se muestra en una caja con borde gris.

Nombre	AusAddress
Abstract	No

La tabla superior muestra las propiedades de este componente de esquema.

xmlsolidRepresentación de la Instancia XML <... country="Australia" > <unitNo> string </unitNo> [0..1] <houseNo> string </houseNo> [1] <street> string </street> [1] Start Choice [1] <city> string </city> [1] <town> string </town> [1] End Choice <state> AusStates </state> [1] <postcode> string <<pattern = [1-9][0-9]{3}>> </postcode> [1] ? </...>

-----> FALTA TRADUCCION

The XML Instance Representation table above shows the schema component's content as an XML instance.

- The minimum and maximum occurrence of elements and attributes are provided in square brackets, e.g. **0..1**.
- Model group information are shown in gray, e.g. Start Choice ... End Choice.
- For type derivations, the elements and attributes that have been added to or changed from the base type's content are shown in bold.
- If an element/attribute has a fixed value, the fixed value is shown in green, e.g. country="Australia".
- Otherwise, the type of the element/attribute is displayed.
 - o If the element/attribute's type is in the schema, a link is provided to it.
 - o For local simple type definitions, the constraints are displayed in angle brackets.
- If a local element/attribute has documentation, it will be displayed in a window that pops up when the question mark inside the attribute or next to the element is clicked, e.g. <postcode>.

xmlsolidSchema Component Representation <complexType name="AusAddress"> <complexContent> <extension base=" Address "> <sequence> <element name="state" type=" AusStates "/> <element name="postcode"> <simpleType> <restriction base=" string "> <pattern value="[1-9][0-9]{3}"/> </restriction> </simpleType> </element> </sequence> <attribute name="country" type=" string " fixed="Australia"/> </extension> </complexContent> </complexType>

The Schema Component Representation table above displays the underlying XML representation of the schema component. (Annotations are not shown.)

Glossary

Abstract (Applies to complex type definitions and element declarations). An abstract element or complex type cannot be used to validate an element instance. If there is a reference to an abstract element, only element declarations that can substitute the abstract element can be used to validate the instance. For references to abstract type definitions, only derived types can be used.

All Model Group Child elements can be provided in any order in instances. See: <http://www.w3.org/TR/xmlschema-1/#element-all>.

Choice Model Group Only one from the list of child elements and model groups can be provided in instances. See: <http://www.w3.org/TR/xmlschema-1/#element-choice>.

Collapse Whitespace Policy Replace tab, line feed, and carriage return characters with space character (Unicode character 32). Then, collapse contiguous sequences of space characters into single space character, and remove leading and trailing space characters.

Disallowed Substitutions(Applies to element declarations). If substitution is specified, then substitution group members cannot be used in place of the given element declaration to validate element instances. If derivation methods, e.g. extension, restriction, are specified, then the given element declaration will not validate element instances that have types derived from the element declaration's type using the specified derivation methods. Normally, element instances can override their declaration's type by specifying an xsi:type attribute.

Key Constraint Like Uniqueness Constraint, but additionally requires that the specified value(s) must be provided. See: http://www.w3.org/TR/xmlschema-1/#cidentity-constraint_Definitions.

Key Reference Constraint Ensures that the specified value(s) must match value(s) from a Key Constraint or Uniqueness Constraint. See: http://www.w3.org/TR/xmlschema-1/#cidentity-constraint_Definitions.

Model Group Groups together element content, specifying the order in which the element content can occur and the number of times the group of element content may be repeated. See: http://www.w3.org/TR/xmlschema-1/#Model_Groups.

Nilable (Applies to element declarations). If an element declaration is nilable, instances can use the xsi:nil attribute. The xsi:nil attribute is the boolean attribute, nil, from the <http://www.w3.org/2001/XMLSchema-instance> namespace. If an element instance has an xsi:nil attribute set to true, it can be left empty, even though its element declaration may have required content.

Notation A notation is used to identify the format of a piece of data. Values of elements and attributes that are of type, NOTATION, must come from the names of declared notations. See: http://www.w3.org/TR/xmlschema-1/#cNotation_Declarations.

Preserve Whitespace Policy Preserve whitespaces exactly as they appear in instances.

Prohibited Derivations (Applies to type definitions). Derivation methods that cannot be used to create sub-types from a given type definition.

Prohibited Substitutions (Applies to complex type definitions). Prevents sub-types that have been derived using the specified derivation methods from validating element instances in place of the given type definition.

Replace Whitespace Policy Replace tab, line feed, and carriage return characters with space character (Unicode character 32).

Sequence Model Group Child elements and model groups must be provided in the specified order in instances. See: <http://www.w3.org/TR/xmlschema-1/#element-sequence>.

Substitution Group Elements that are members of a substitution group can be used wherever the head element of the substitution group is referenced.

Substitution Group Exclusions (Applies to element declarations). Prohibits element declarations from nominating themselves as being able to substitute a given element declaration, if they have types that are derived from the original element's type using the specified derivation methods.

Target Namespace The target namespace identifies the namespace that components in this schema belongs to. If no target namespace is provided, then the schema components do not belong to any namespace.

Uniqueness Constraint Ensures uniqueness of an element/attribute value, or a combination of values, within a specified scope. See: http://www.w3.org/TR/xmlschema-1/#cIdentity-constraint_Definitions.

<----- FALTA TRADUCCION