



XML schema definition

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<?xml version="1.0" encoding="ISO-8859-1" ?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
  targetNamespace="http://www.cisco.com/vtg/finesse"
  xmlns="http://www.cisco.com/vtg/finesse"
  elementFormDefault="qualified">

  <!-- definition of role type -->
  <xs:simpleType name="role">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Agent"/>
      <xs:enumeration value="Supervisor"/>
      <xs:enumeration value="Admin"/>
    </xs:restriction>
  </xs:simpleType>

  <!-- definition of simple elements -->
  <xs:element name="id">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:pattern value="[a-zA-Z]([-_:\.a-zA-Z0-9])*"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>

  <xs:element name="label">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>

  <xs:element name="gadget">
    <xs:simpleType>
      <xs:restriction base="xs:anyURI">
        <xs:minLength value="1" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="role" type="role"/>

  <xs:element name="gadgets"> <!-- Grouping of a set of gadgets -->
    <xs:complexType>
      <xs:sequence maxOccurs="unbounded">
        <!-- No limit to number of gadget URIs for now -->
        <xs:element ref="gadget"/> <!-- URI of the gadget xml -->
      </xs:sequence>
    </xs:complexType>
  </xs:element>

  <xs:element name="page"> <!-- Grouping of a set of persistent gadgets -->
    <xs:complexType>
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        <xs:sequence maxOccurs="unbounded">
          <!-- No limit to number of gadget URIs for now -->
          <xs:element ref="gadget"/> <!-- URI of the gadget xml -->
        </xs:sequence>
      </xs:complexType>
    </xs:element>

    <xs:element name="tab">
      <xs:complexType>
        <xs:sequence>
          <xs:element ref="id"/> <!-- Id of the tab selector in the desktop -->
          <xs:element ref="label"/> <!-- Label of the tab selector -->
          <xs:element ref="gadgets" minOccurs="0" maxOccurs="1"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>

    <xs:element name="tabs"> <!-- Grouping of tabs -->
      <xs:complexType>
        <xs:sequence maxOccurs="unbounded">
          <!-- No limit to number of tabs for now -->
          <xs:element ref="tab"/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>

    <xs:element name="layout">
      <xs:complexType>
        <xs:sequence>
          <xs:element ref="role"/> <!-- Type of the role -->
          <xs:element ref="page"/> <!-- List of page gadgets -->
          <xs:element ref="tabs"/> <!-- Grouping of tabs for this particular role -->
        </xs:sequence>
      </xs:complexType>
    </xs:element>

    <xs:element name="finesseLayout"> <!-- Layout of the desktop -->
      <xs:complexType>
        <xs:sequence maxOccurs="3">
          <!-- only support 3 roles for now -->
          <xs:element ref="layout" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>

  </xs:schema>

```