

agenda.xml

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE agenda SYSTEM "agenda.dtd">
<?xml-stylesheet type="text/xsl" href="/home/pompidor/ENSEIGNEMENT/WEB/XSL/agenda.xsl"?>
<agenda nom="Collègues">
  <personne>
    <nom> maïzi </nom>
    <prénom> joël </prénom>
    <mél> maizi@lirmm.fr </mél>
  </personne>
  <personne>
    <nom> pons </nom>
    <prénom> jean-françois </prénom>
    <mél> pons@lirmm.fr </mél>
  </personne>
</agenda>
```

agenda.dtd

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!ELEMENT agenda (personne*)>
<!ATTLIST agenda
  nom #REQUIRED>
<!ELEMENT personne (nom,prénom,mél)>
<!ELEMENT nom (#PCDATA)>
<!ELEMENT prénom (#PCDATA)>
<!ELEMENT mél (#PCDATA)>
```

agenda.xs

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

  <xs:element name="agenda" type="TypeAgenda" />

  <xs:complexType name="TypeAgenda">
    <xs:element name="personne" type="TypePersonne" maxOccurs="*" />
    <xs:attribute name="nom" type="String" default="Mon agenda" />
  </xs:complexType>
```

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<xs:complexType name="TypePersonne">
  <xs:element name="nom" type="String" />
  <xs:element name="prénom" type="String" />
  <xs:element name="mél" type="String" />
</xs:complexType>

</xs:schema>

```

agenda.xsl : version itérative

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

<xsl:output method="xhtml"/>

<xsl:template match="/">
  <html>
    <head>
      <title>
        <xsl:value-of select="@nom" />
      </title>
    </head>
    <body>
      <xsl:for-each select="agenda/personne">
        <a>
          <xsl:attribute name="href">mailto:
            <xsl:value-of select="mél" />
          </xsl:attribute>
          <xsl:value-of select="prénom" />
          <font color="red">
            <xsl:value-of select="nom" />
          </font>
        </a>
        <br/><br/>
      </xsl:for-each>
    </body>
  </html>
</xsl:template>

</xsl:stylesheet>

```

agenda.xsl : version récursive

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

<xsl:output method="xhtml"/>

<xsl:template match="/">
  <html>
    <head>
      <title>
        <xsl:value-of select="@nom" />

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        </title>
    </head>
    <body>
        <xsl:apply-templates/>
    </body>
</html>
</xsl:template>

<xsl:template match="personne">
    <a>
        <xsl:attribute name="href">mailto:
            <xsl:value-of select="mél" />
        </xsl:attribute>
        <xsl:value-of select="prénom" />
        <font color="red">
            <xsl:value-of select="nom" />
        </font>
    </a>
    <br/><br/>
</xsl:template>

</xsl:stylesheet>

```

agenda.html

```

<html>
    <head>
        <title> Collègues </title>
    </head>
    <body>
        <a href="mailto:maizi@lirmm.fr">
            Joël <font color="red"> Maïzi </font>
        </a>
        <br/><br/>
        <a href="pons@lirmm.fr">
            Jean-François <font color="red"> Pons </font>
        </a>
        <br/><br/>
    </body>
</html>

```