RTG Item Export

Item Export Main Screen

The Item Export screen allows a user to export the contents of the item table into various file formats. It also allows the user the control of naming the file and the ability to transfer the file via FTP. It has the flexibility of choosing the fields, renaming the field captions, and controlling the field order. This utility can be run at intervals within V6 Scheduler.

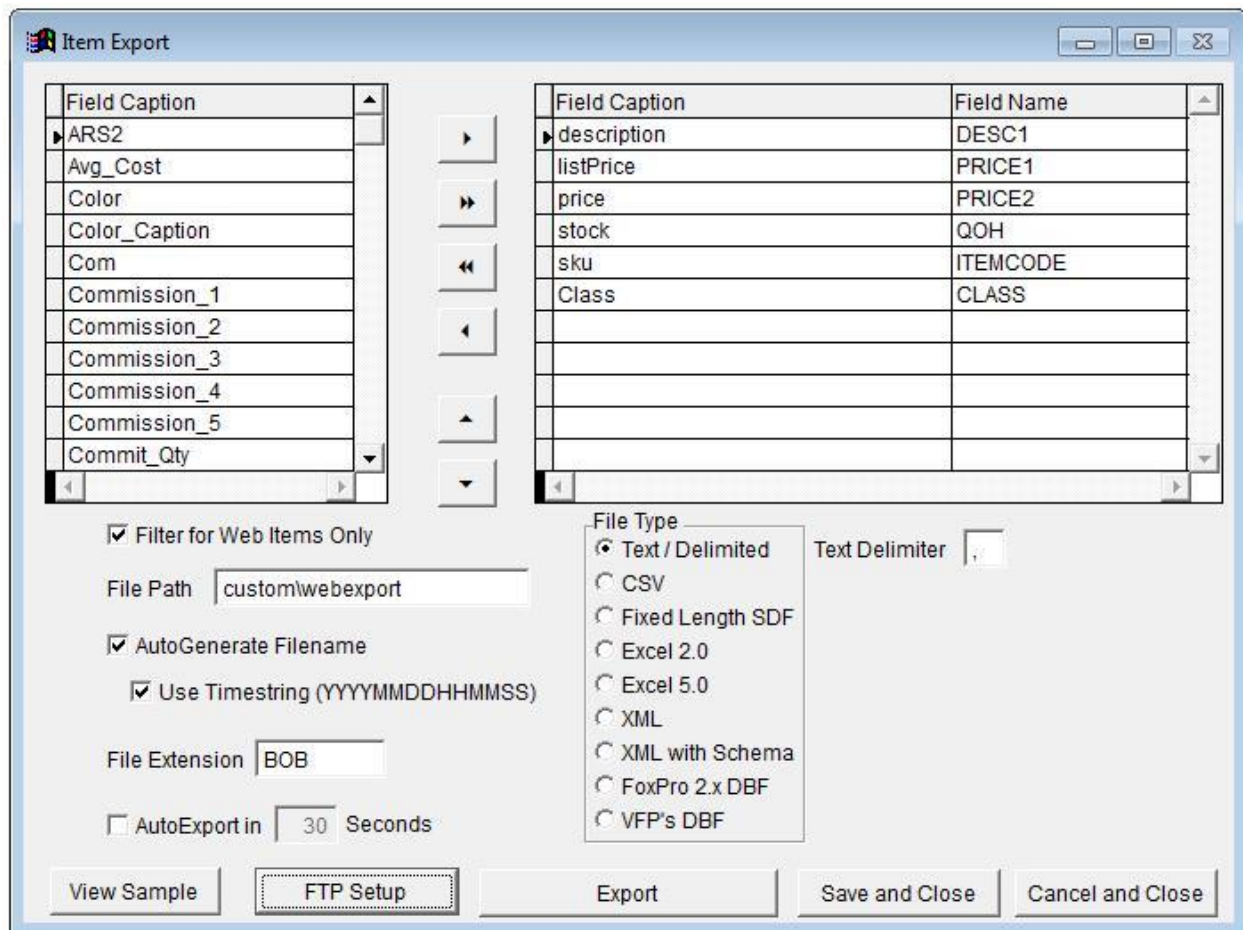Figure 1 shows the main screen setup for demonstration purposes.

Figure 1 – Main Screen

Field Controls

The Item Export main screen contains controls for managing the fields that will be in the export. See Figure 2 for more information.

Field Caption		Field Caption	Field Name
ARS2		description	DESC1
Avg_Cost		listPrice	PRICE1
Color		price	PRICE2
Color_Caption		stock	QOH
Com		sku	ITEMCODE
Commission_1		Class	CLASS
Commission_2			
Commission_3			
Commission_4			
Commission_5			
Commit_Qty			

Field Selector Controls

Field Order/Position Controls

You may rename the field for your own purposes. Simply edit in the grid.

The fields you have selected to be in your export

List of available fields from the Item table. What remains in this list is not currently in your export.
Note: Department Description is also available.

Figure 2 – Field Controls

Export Options

The user has various options available. Refer to Figure 3.

☑ Filter for Web Items Only

File Path custom\webexport

☑ AutoGenerate Filename

   ☑ Use Timestring (YYYYMMDDHHMMSS)

File Extension ARS

☐ AutoExport in 30 Seconds

Figure 3 – Export Option

- Filter for Web Items Only (Checkbox) allows the user to export every item, or only those that are selected as Web Items.
- File Path (Textbox) lets the user choose where to store the file.

- AutoGenerate Filename (Checkbox) lets the user control the name of the file or lets the system auto-generate a filename for the export. Without the AutoGenerate, then the user must choose a filename and would be presented with the option in Figure 4

Figure 4 – Export Options: Filename

- Use Timestring (YYYMMDDHHMMSS) (Checkbox) this would create a filename based on the current date and time of day. An example: The date and time of 12/15/10 03:47:50 PM would create a file named "20101215154750". If you do not use this option then the program chooses a filename for you. (e.g. _33N0XNL3G)
- File Extension (Textbox) allows the user to choose the filename's extension. Using Figure 4's filename, and Figure 3's File Extension the file would be named "ItemExport.ARS".
- AutoExport in (Textbox) Seconds makes the system count down, after the user enters the screen, and will run the export without the user's input.

File Types

This utility allows the user to choose between various file formats. See Figure 5 for the available formats.

Figure 5 – File Type

When choosing the Text/Delimited File Type, you may use any Text Delimiter that you choose. See Figure 6 for an example of the Text Delimiter of a pipe character "|".
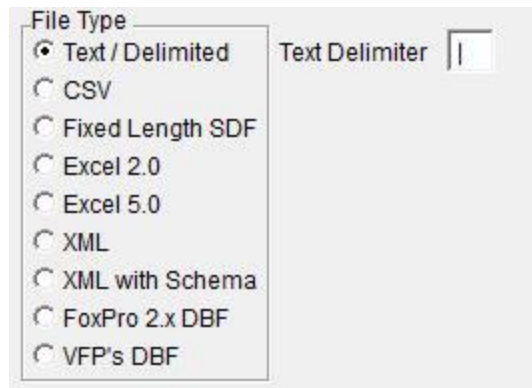
Figure 6 – File Type: Text Delimiter

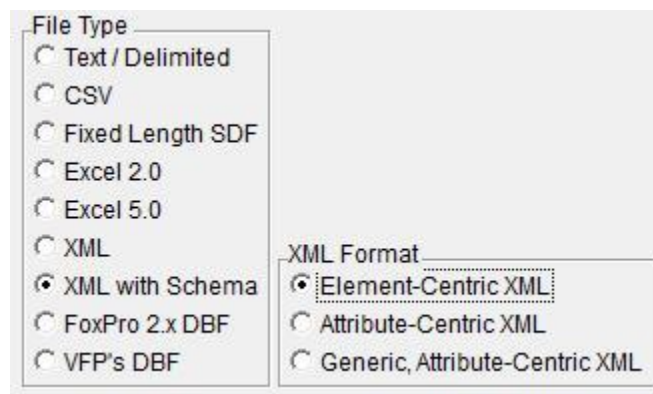When choosing XML or XML with Schema, you may additionally choose the XML Format as seen in Figure 7.

Figure 7 – File Type: XML Formats

See the entire sample formats at the end of the document.

FTP Option

A very nice feature of this utility is that you can have the system send your file to an FTP server as seen in Figure 8.
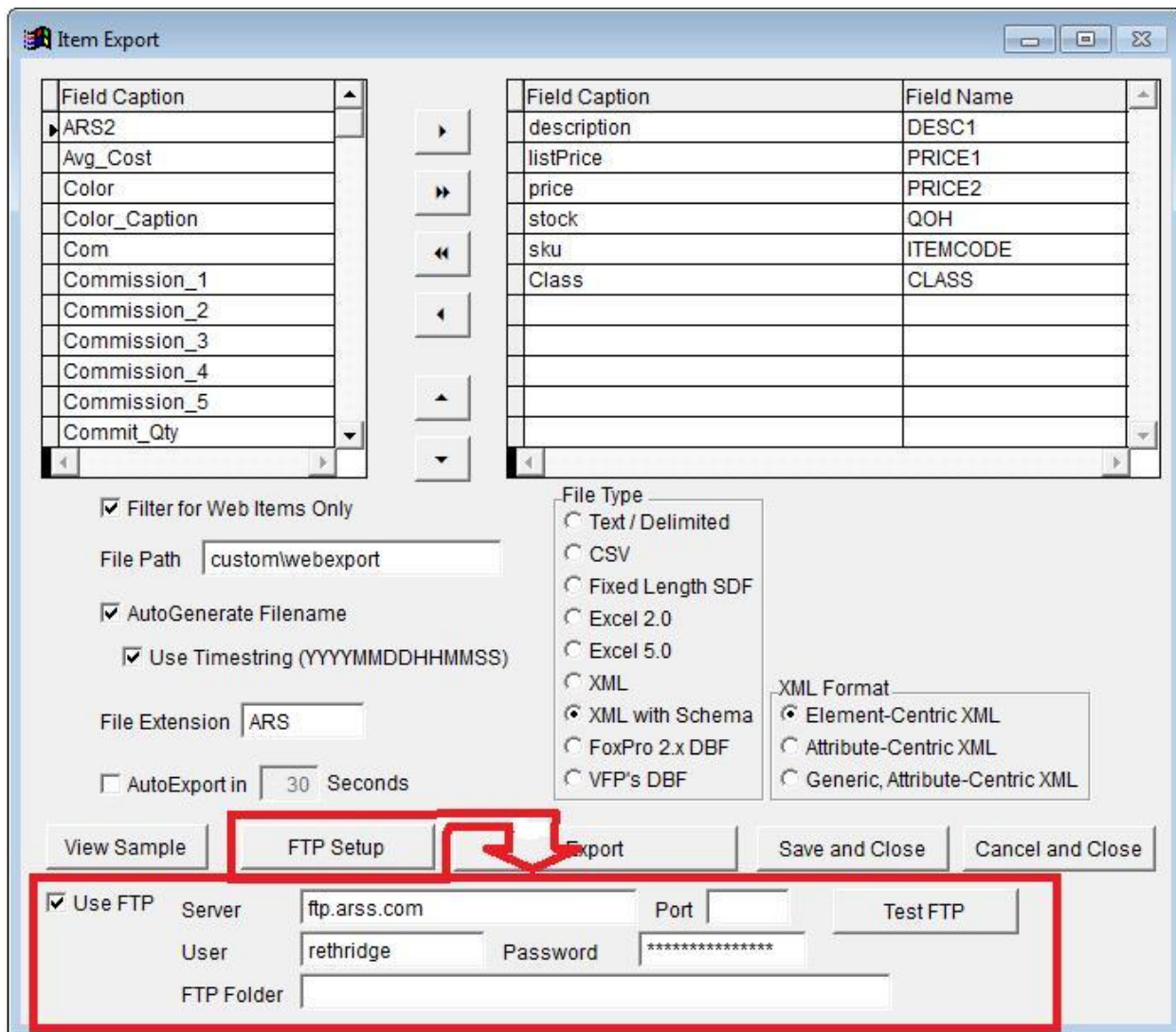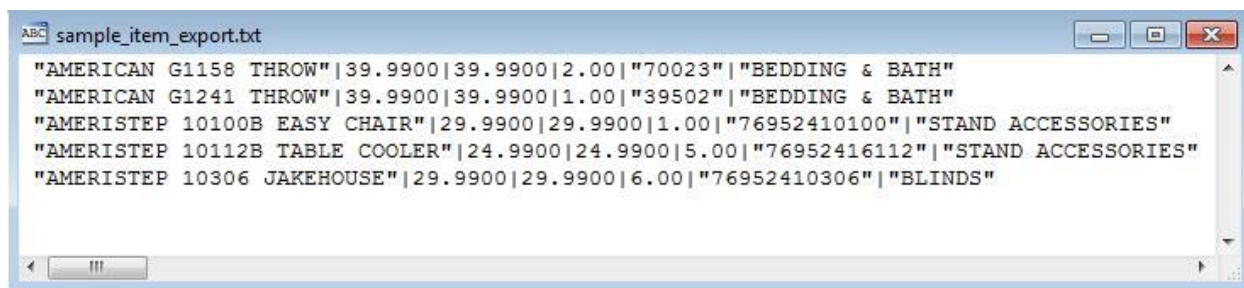
Figure 8 – FTP Setup Option

File Type Samples

Figure 9 – Text/Delimited with a Delimiter Character "|"

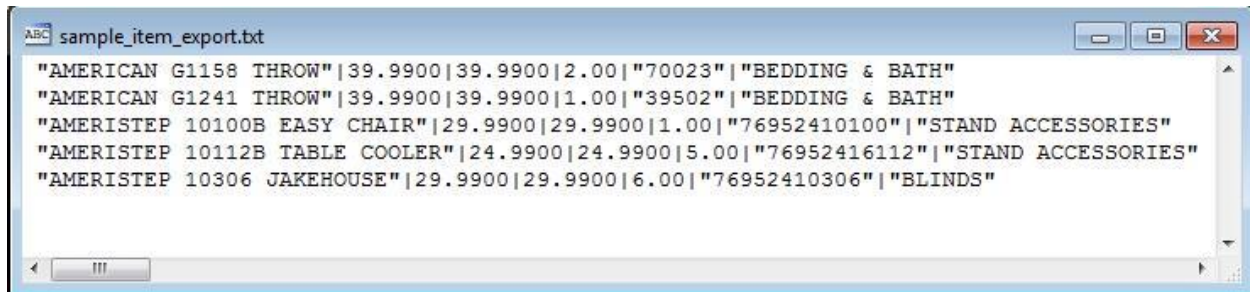Figure 10 – CSV Sample
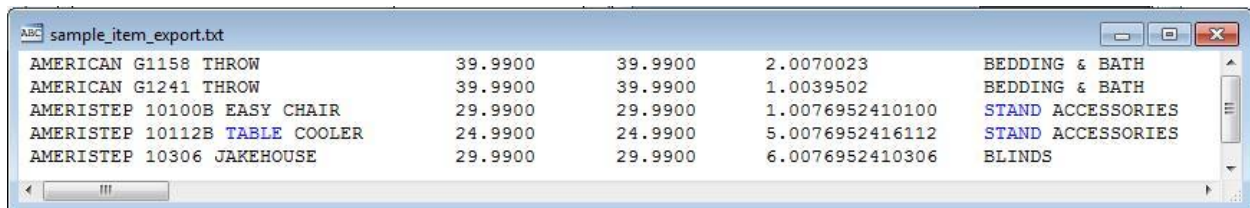

Figure 11 – Fixed Length Sample

Figure 12 – Excel 2.0 and 5.0 Sample

```xml
<?xml version = "1.0" encoding="Windows-1252" standalone="yes"?>
<VFPData>
    <csritem>
        <description>AMERICAN G1158 THROW</description>
        <listprice>39.9900</listprice>
        <price>39.9900</price>
        <stock>2.00</stock>
        <sku>70023</sku>
        <class>BEDDING &amp; BATH</class>
    </csritem>
    <csritem>
        <description>AMERICAN G1241 THROW</description>
        <listprice>39.9900</listprice>
        <price>39.9900</price>
        <stock>1.00</stock>
        <sku>39502</sku>
        <class>BEDDING &amp; BATH</class>
    </csritem>
    <csritem>
        <description>AMERISTEP 10100B EASY CHAIR</description>
        <listprice>29.9900</listprice>
        <price>29.9900</price>
        <stock>1.00</stock>
        <sku>76952410100</sku>
        <class>STAND ACCESSORIES</class>
    </csritem>
    <csritem>
        <description>AMERISTEP 10112B TABLE COOLER</description>
        <listprice>24.9900</listprice>
        <price>24.9900</price>
        <stock>5.00</stock>
        <sku>76952416112</sku>
        <class>STAND ACCESSORIES</class>
    </csritem>
    <csritem>
        <description>AMERISTEP 10306 JAKEHOUSE</description>
        <listprice>29.9900</listprice>
        <price>29.9900</price>
        <stock>6.00</stock>
        <sku>76952410306</sku>
        <class>BLINDS</class>
    </csritem>
</VFPData>
```
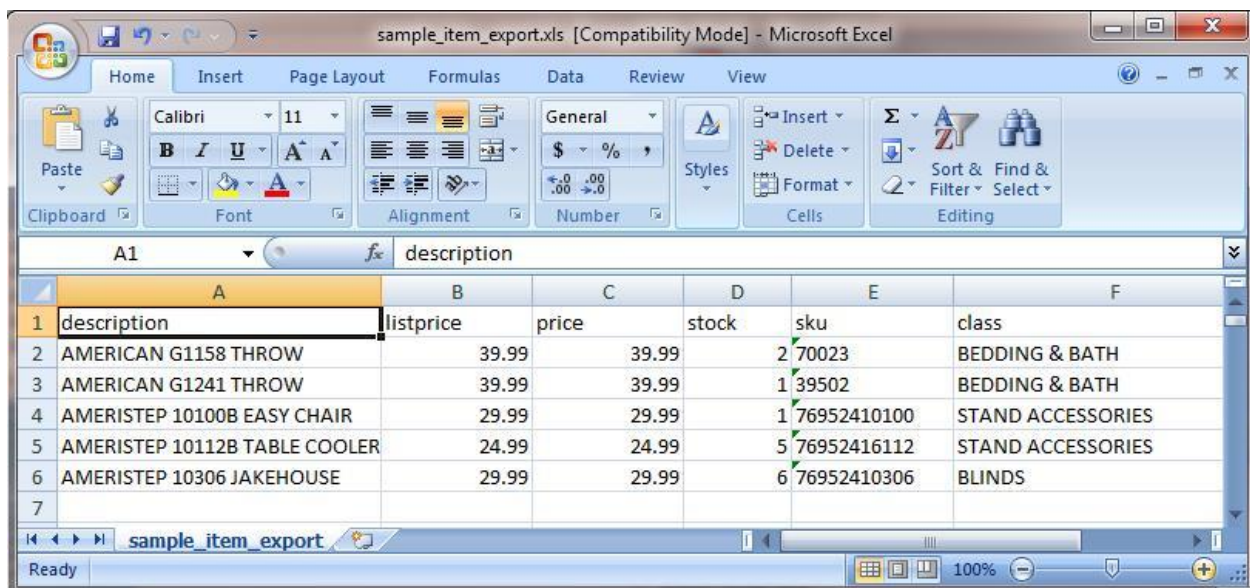
Figure 13 – XML Element Centric

Figure 14 – XML Attribute Centric Sample

Note: see Attribute Centric XML with Schema near the end of the document to view the contents of data. This simply does not contain the Schema information.

Figure 16 – FoxPro 2.x DBF and VFP's DBF

Element Centric XML with Schema

```
<?xml version = "1.0" encoding="Windows-1252" standalone="yes"?>

<VFPData>

 <xsd:schema id="VFPData" xmlns:xsd="http://www.w3.org/2001/XMLSchema"

xmlns:msdata="urn:schemas-microsoft-com:xml-msdata">

  <xsd:element name="VFPData" msdata:IsDataSet="true">

   <xsd:complexType>

    <xsd:choice maxOccurs="unbounded">

     <xsd:element name="csritem" minOccurs="0" maxOccurs="unbounded">

      <xsd:complexType>

       <xsd:sequence>

        <xsd:element name="description">

         <xsd:simpleType>
```

```
    <xsd:restriction base="xsd:string">

      <xsd:maxLength value="30"/>

    </xsd:restriction>

  </xsd:simpleType>

</xsd:element>

<xsd:element name="listprice">

  <xsd:simpleType>

    <xsd:restriction base="xsd:decimal">

      <xsd:totalDigits value="13"/>

      <xsd:fractionDigits value="4"/>

    </xsd:restriction>

  </xsd:simpleType>

</xsd:element>

<xsd:element name="price">

  <xsd:simpleType>

    <xsd:restriction base="xsd:decimal">

      <xsd:totalDigits value="13"/>

      <xsd:fractionDigits value="4"/>

    </xsd:restriction>

  </xsd:simpleType>

</xsd:element>

<xsd:element name="stock">

  <xsd:simpleType>

    <xsd:restriction base="xsd:decimal">

      <xsd:totalDigits value="9"/>

      <xsd:fractionDigits value="2"/>

    </xsd:restriction>

  </xsd:simpleType>
```

```
        </xsd:element>

        <xsd:element name="sku">

         <xsd:simpleType>

          <xsd:restriction base="xsd:string">


            <xsd:maxLength value="15"/>

          </xsd:restriction>

         </xsd:simpleType>

        </xsd:element>

        <xsd:element name="class">

         <xsd:simpleType>

          <xsd:restriction base="xsd:string">

            <xsd:maxLength value="30"/>

          </xsd:restriction>

         </xsd:simpleType>

        </xsd:element>

       </xsd:sequence>

      </xsd:complexType>

     </xsd:element>

    </xsd:choice>

    <xsd:anyAttribute namespace="http://www.w3.org/XML/1998/namespace"
processContents="lax"/>

   </xsd:complexType>

  </xsd:element>

 </xsd:schema>

 <csritem>

  <description>AMERICAN G1158 THROW</description>

  <listprice>39.9900</listprice>
```

```
  <price>39.9900</price>

  <stock>2.00</stock>

  <sku>70023</sku>

  <class>BEDDING &amp; BATH</class>

</csritem>

<csritem>

  <description>AMERICAN G1241 THROW</description>

  <listprice>39.9900</listprice>

  <price>39.9900</price>

  <stock>1.00</stock>

  <sku>39502</sku>

  <class>BEDDING &amp; BATH</class>

</csritem>

<csritem>

  <description>AMERISTEP 10100B EASY CHAIR</description>

  <listprice>29.9900</listprice>

  <price>29.9900</price>

  <stock>1.00</stock>

  <sku>76952410100</sku>

  <class>STAND ACCESSORIES</class>

</csritem>

<csritem>

  <description>AMERISTEP 10112B TABLE COOLER</description>

  <listprice>24.9900</listprice>

  <price>24.9900</price>

  <stock>5.00</stock>

  <sku>76952416112</sku>

  <class>STAND ACCESSORIES</class>
```

```xml
    </csritem>

    <csritem>

        <description>AMERISTEP 10306 JAKEHOUSE</description>

        <listprice>29.9900</listprice>

        <price>29.9900</price>

        <stock>6.00</stock>


        <sku>76952410306</sku>

        <class>BLINDS</class>

    </csritem>

    </VFPData>
```

Attribute Centric XML with Schema

```xml
<?xml version = "1.0" encoding="Windows-1252" standalone="yes"?>

<VFPData>

  <xsd:schema id="VFPData" xmlns:xsd="http://www.w3.org/2001/XMLSchema"

xmlns:msdata="urn:schemas-microsoft-com:xml-msdata">

    <xsd:element name="VFPData" msdata:IsDataSet="true">

      <xsd:complexType>

        <xsd:choice maxOccurs="unbounded">

          <xsd:element name="csritem" minOccurs="0" maxOccurs="unbounded">

            <xsd:complexType>

              <xsd:attribute name="description" use="required">

                <xsd:simpleType>

                  <xsd:restriction base="xsd:string">

                    <xsd:maxLength value="30"/>
```

```
      </xsd:restriction>

    </xsd:simpleType>

  </xsd:attribute>

  <xsd:attribute name="listprice" use="required">

    <xsd:simpleType>

      <xsd:restriction base="xsd:decimal">

        <xsd:totalDigits value="13"/>

        <xsd:fractionDigits value="4"/>

      </xsd:restriction>

    </xsd:simpleType>

  </xsd:attribute>

  <xsd:attribute name="price" use="required">

    <xsd:simpleType>

      <xsd:restriction base="xsd:decimal">

        <xsd:totalDigits value="13"/>

        <xsd:fractionDigits value="4"/>

      </xsd:restriction>

    </xsd:simpleType>

  </xsd:attribute>

  <xsd:attribute name="stock" use="required">

    <xsd:simpleType>

      <xsd:restriction base="xsd:decimal">

        <xsd:totalDigits value="9"/>

        <xsd:fractionDigits value="2"/>

      </xsd:restriction>

    </xsd:simpleType>

  </xsd:attribute>

  <xsd:attribute name="sku" use="required">
```

```
      <xsd:simpleType>

        <xsd:restriction base="xsd:string">

          <xsd:maxLength value="15"/>

        </xsd:restriction>

      </xsd:simpleType>

    </xsd:attribute>

    <xsd:attribute name="class" use="required">

      <xsd:simpleType>

        <xsd:restriction base="xsd:string">


          <xsd:maxLength value="30"/>

        </xsd:restriction>

      </xsd:simpleType>

    </xsd:attribute>

      </xsd:complexType>

    </xsd:element>

    </xsd:choice>

    <xsd:anyAttribute namespace="http://www.w3.org/XML/1998/namespace"

processContents="lax"/>

    </xsd:complexType>

  </xsd:element>

 </xsd:schema>

 <csritem description="AMERICAN G1158 THROW" listprice="39.9900"

price="39.9900" stock="2.00" sku="70023" class="BEDDING &amp; BATH"/>

 <csritem description="AMERICAN G1241 THROW" listprice="39.9900"

price="39.9900" stock="1.00" sku="39502" class="BEDDING &amp; BATH"/>

 <csritem description="AMERISTEP 10100B EASY CHAIR" listprice="29.9900"

price="29.9900" stock="1.00" sku="76952410100" class="STAND ACCESSORIES"/>
```

```
  <csritem description="AMERISTEP 10112B TABLE COOLER" listprice="24.9900"

price="24.9900" stock="5.00" sku="76952416112" class="STAND ACCESSORIES"/>

  <csritem description="AMERISTEP 10306 JAKEHOUSE" listprice="29.9900"

price="29.9900" stock="6.00" sku="76952410306" class="BLINDS"/>

</VFPData>
```

Generic, Attribute Centric XML with Schema

```
<?xml version = "1.0" encoding="Windows-1252" standalone="yes"?>

<VFPData>

  <xsd:schema id="VFPData" xmlns:xsd="http://www.w3.org/2001/XMLSchema"

xmlns:msdata="urn:schemas-microsoft-com:xml-msdata">

    <xsd:element name="VFPData" msdata:IsDataSet="true">

      <xsd:complexType>

        <xsd:choice maxOccurs="unbounded">

          <xsd:element name="row" minOccurs="0" maxOccurs="unbounded">

            <xsd:complexType>

              <xsd:attribute name="description" use="required">

                <xsd:simpleType>

                  <xsd:restriction base="xsd:string">

                    <xsd:maxLength value="30"/>

                  </xsd:restriction>

                </xsd:simpleType>

              </xsd:attribute>

              <xsd:attribute name="listprice" use="required">

                <xsd:simpleType>

                  <xsd:restriction base="xsd:decimal">
```

```xml
        <xsd:totalDigits value="13"/>

        <xsd:fractionDigits value="4"/>

      </xsd:restriction>

    </xsd:simpleType>

  </xsd:attribute>

  <xsd:attribute name="price" use="required">

    <xsd:simpleType>

      <xsd:restriction base="xsd:decimal">

        <xsd:totalDigits value="13"/>

        <xsd:fractionDigits value="4"/>

      </xsd:restriction>

    </xsd:simpleType>

  </xsd:attribute>

  <xsd:attribute name="stock" use="required">

    <xsd:simpleType>

      <xsd:restriction base="xsd:decimal">

        <xsd:totalDigits value="9"/>

        <xsd:fractionDigits value="2"/>

      </xsd:restriction>

    </xsd:simpleType>

  </xsd:attribute>

  <xsd:attribute name="sku" use="required">

    <xsd:simpleType>

      <xsd:restriction base="xsd:string">

        <xsd:maxLength value="15"/>

      </xsd:restriction>

    </xsd:simpleType>

  </xsd:attribute>
```

```
          <xsd:attribute name="class" use="required">

           <xsd:simpleType>

            <xsd:restriction base="xsd:string">

             <xsd:maxLength value="30"/>


            </xsd:restriction>

           </xsd:simpleType>

          </xsd:attribute>

         </xsd:complexType>

        </xsd:element>

       </xsd:choice>

       <xsd:anyAttribute namespace="http://www.w3.org/XML/1998/namespace"
processContents="lax"/>

      </xsd:complexType>

     </xsd:element>

    </xsd:schema>

    <row description="AMERICAN G1158 THROW" listprice="39.9900" price="39.9900"
stock="2.00" sku="70023" class="BEDDING &amp; BATH"/>

    <row description="AMERICAN G1241 THROW" listprice="39.9900" price="39.9900"
stock="1.00" sku="39502" class="BEDDING &amp; BATH"/>

    <row description="AMERISTEP 10100B EASY CHAIR" listprice="29.9900"
price="29.9900" stock="1.00" sku="76952410100" class="STAND ACCESSORIES"/>

    <row description="AMERISTEP 10112B TABLE COOLER" listprice="24.9900"
price="24.9900" stock="5.00" sku="76952416112" class="STAND ACCESSORIES"/>

    <row description="AMERISTEP 10306 JAKEHOUSE" listprice="29.9900"
price="29.9900" stock="6.00" sku="76952410306" class="BLINDS"/>

</VFPData>
```