

Lists of Data

The CISFO:ROWTABLEAREA2 control is used for rendering lists. Have a look at the following example:

Header		
Article	Description	Price
470	Article 470	100,00
471	Article 471	100,00
472	Article 472	100,00
473	Article 473	100,00
474	Article 474	100,00
475	Article 475	100,00
476	Article 476	100,00
477	Article 477	100,00
478	Article 478	100,00
479	Article 479	100,00
4710	Article 4710	100,00
4711	Article 4711	100,00
4712	Article 4712	100,00
4713	Article 4713	100,00
4714	Article 4714	100,00
4715	Article 4715	100,00
4716	Article 4716	100,00
4717	Article 4717	100,00
4718	Article 4718	100,00
4719	Article 4719	100,00
4720	Article 4720	100,00
4721	Article 4721	100,00
4722	Article 4722	100,00
4723	Article 4723	100,00
4724	Article 4724	100,00
4725	Article 4725	100,00
4726	Article 4726	100,00
4727	Article 4727	100,00
4728	Article 4728	100,00
4729	Article 4729	100,00
4730	Article 4730	100,00
4731	Article 4731	100,00
4732	Article 4732	100,00
4733	Article 4733	100,00
4734	Article 4734	100,00
4735	Article 4735	100,00
4736	Article 4736	100,00
4737	Article 4737	100,00
4738	Article 4738	100,00
4739	Article 4739	100,00
4740	Article 4740	100,00
4741	Article 4741	100,00
4742	Article 4742	100,00
4743	Article 4743	100,00
4744	Article 4744	100,00
4745	Article 4745	100,00
4746	Article 4746	100,00
4747	Article 4747	100,00
4748	Article 4748	100,00
4749	Article 4749	100,00

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The XML form definition is:

```

<cisfo:foppage2 objectclass="PdfTableAdapter" pageheight="29.7cm" pagewidth="21cm" margintop="1cm" marginbottom="0.5cm" marginleft="1cm" marginright="1cm" headerheight="1.5cm" footerheight="1.3cm">
  <cisfo:styleclasses2>
    <cisfo:style2 stylename="HL" backgroundcolor="#000000" bordercolor="#000000" borderstyle="solid" borderwidth="0.1mm">
    </cisfo:style2>
    <cisfo:style2 stylename="IL" bordercolor="#000000" borderstyle="solid" borderwidth="0.1mm">
    </cisfo:style2>
  </cisfo:styleclasses2>
  <cisfo:header2>
    <cisfo:rowtextblock2 text="Header" textalign="center">
    </cisfo:rowtextblock2>
  </cisfo:header2>
  <cisfo:footer2>
    <cisfo:hline2>
    </cisfo:hline2>
    <cisfo:vdist2 height="0.3cm">
    </cisfo:vdist2>
    <cisfo:rowtextblock2 text="Page" textalign="center">
      <cisfo:pageheader2 separator=" of ">
    </cisfo:pageheader2>
    </cisfo:rowtextblock2>
  </cisfo:footer2>
</cisfo:body2>

```

```

<cisfo:rowtablearea2 columnwidth="5cm;9cm;5cm" gridprop="lines">
  <cisfo:headline2>
    <cisfo:row2>
      <cisfo:celltext2 text="Article" style="name="HL">
        </cisfo:celltext2>
      <cisfo:celltext2 text="Description" style="name="HL">
        </cisfo:celltext2>
      <cisfo:celltext2 text="Price" style="name="HL">
        </cisfo:celltext2>
      </cisfo:row2>
    </cisfo:headline2>
    <cisfo:repeat2>
      <cisfo:row2>
        <cisfo:replace2 valueprop="article" style="name="IL">
          </cisfo:replace2>
        <cisfo:replace2 valueprop="description" style="name="IL">
          </cisfo:replace2>
        <cisfo:replace2 valueprop="price" style="name="IL">
          </cisfo:replace2>
        </cisfo:row2>
      </cisfo:repeat2>
    </cisfo:rowtablearea2>
  </cisfo:body2>
</cisfo:foppage2>

```

Below the ROWTABLEAREA2 control, you see an arrangement of:

- CISFO:HEADLINE2 - represents the headline; the headline is repeated on every page of the list.
- CISFO: REPEAT2 - represents the part that is repeated as many times as items of the list are available.

The data object representation's class looks as follows:

```

public class PdfTableAdapter
  implements IFOPDataObject
{
  // default constructor
  public PdfTableAdapter()
  {
  }

  public PdfTableAdapter(PDFFOPPreviewOnly previewObject)
  {
    for (int i=0; i<50; i++)
    {
      LinesItem li = new LinesItem();
      li.setAtricle("47" + i);
      li.setDescription("Article 47" + i);
      li.setPrice("100,00");
      m_lines.add(li);
    }
  }

  // -----
  // property access
  // -----

  // class >LinesItem<
  public class LinesItem
  {
    // property >atricle<
    String m_atricle;
    public String getAtricle() { return m_atricle; }
    public void setAtricle(String value) { m_atricle = value; }

    // property >description<
    String m_description;
    public String getDescription() { return m_description; }
    public void setDescription(String value) { m_description = value; }

    // property >price<
    String m_price;
    public String getPrice() { return m_price; }
  }
}

```

```
    public void setPrice(String value) { m_price = value; }
}

// property >lines<
GRIDCollection m_lines = new GRIDCollection();
public GRIDCollection getLines() { return m_lines; }
...
...
...
}
```