# ASP.NET

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# iTextSharp table headers [Answered]

8 replies

Last post Mar 27, 2013 04:27 AM by anjankant

## iTextSharp table headers

Jul 11, 2010 08:18 PM | wilsonnet

 I do need a help on iTextSharp.. I am attaching the code...
I have header columns (col1,col2,col3) .. I need to change their font color and size, I need small size font.)
Please help!!!

```
protected void btnPrint_Click(object sender, EventArgs e)
    {


        Document doc = new Document(iTextSharp.text.PageSize.LETTER, 10, 10, 42, 35);




        PdfWriter writer = PdfWriter.GetInstance(doc, Response.OutputStream);
        Phrase phrase = new iTextSharp.text.Phrase(DateTime.UtcNow.ToString("yyyy-MM-dd
HH:mm:ss") + " GMT", new iTextSharp.text.Font(iTextSharp.text.Font.COURIER, 5));


        doc.Open();


        iTextSharp.text.Rectangle page = doc.PageSize;


        PdfPTable head = new PdfPTable(1);
        head.TotalWidth = page.Width;


        PdfPCell c = new PdfPCell(phrase);


        c.Border = iTextSharp.text.Rectangle.NO_BORDER;
        c.VerticalAlignment = Element.ALIGN_TOP;
        c.HorizontalAlignment = Element.ALIGN_CENTER;
        //c.Rotation = 90;
        head.AddCell(c);
        head.WriteSelectedRows(
            // first/last row; -1 writes all rows
          0, -1,
            // left offset
          0,
```

```
            // ** bottom** yPos of the table
          page.Height - doc.TopMargin + head.TotalHeight + 20,
          writer.DirectContent);




      // add image to document
      iTextSharp.text.Image logo =
iTextSharp.text.Image.GetInstance(Request.MapPath("~/images/logoPDF.jpg"));


      logo.Alignment = iTextSharp.text.Image.ALIGN_LEFT;
      logo.ScalePercent(50f);
      doc.Add(logo);


      // report "title"
      Paragraph p = new Paragraph("Test");
      p.Alignment = 1;
      doc.Add(p);




      // add tabular data
      doc.Add(my_table());


      doc.Close();
    }


    private iTextSharp.text.Table my_table()
    {
      // the column headings




      string[] col = { "col1","col2", "col3" };




      iTextSharp.text.Table table = new iTextSharp.text.Table(11);
      // set table style properties
      table.BorderWidth = 1;
      table.BorderColor = new iTextSharp.text.Color(0, 0, 255);
      table.Padding = 0;
```

```
            table.Width = 100;




            // set *column* widths
            //float[] widths = { .1f, .5f, .4f };
            //table.Widths = widths;


            // create the *table* header row
            for (int i = 0; i < col.Length; ++i)
            {
                Cell cell = new Cell(col[i]);
                cell.Header = true;
                cell.BackgroundColor = new iTextSharp.text.Color(204, 204, 204);


                table.AddCell(cell);
            }




            table.EndHeaders();




        SqlConnection conn = new
SqlConnection(ConfigurationManager.ConnectionStrings["xxx"].ConnectionString);
        SqlDataReader reader = null;




        try
        {
            conn.Open();

            SqlCommand comm = new SqlCommand("test", conn);
            comm.CommandType = CommandType.StoredProcedure;


            comm.Parameters.Add(new SqlParameter("@ID", SqlDbType.Int));
            comm.Parameters["@ID"].Value = Session["ID"].ToString().Trim();




            reader = comm.ExecuteReader();
```

```
                while (reader.Read())
                {


                    table.AddCell(reader["col1"].ToString());
                    table.AddCell(reader["col2"].ToString());
                    table.AddCell(reader["col3"].ToString());


                }


            }


            catch (Exception ex)
            {


                Response.Write(ex.Message);


            }




            return table;


        }


    }
```

## Re: iTextSharp table headers

Jul 12, 2010 12:45 AM | Mikesdotnetting

Try this:

```
for (int i = 0; i < col.Length; ++i)
{
  Cell cell = new Cell(new Phrase(col[i], new iTextSharp.text.Font(iTextSharp.text.Font.COURIER, 5)));
  cell.Header = true;
  cell.BackgroundColor = new iTextSharp.text.Color(204, 204, 204);
  table.AddCell(cell);
}
```

## Re: iTextSharp table headers

Jul 12, 2010 03:08 AM | wilsonnet

Thank you so much!! it works!!

Can I ask you some additional question?

Same code above, if I want to make some columns wider than other how can I do that?

Also, how can I make the page landscape because actually I have tons of columns that I need to display on the page?

BTW, I have read you articles about that and it was great just me that couldnt figure it out those stuff thats why I am asking here...!!!

Thanks again..

## Re: iTextSharp table headers

Jul 12, 2010 03:25 AM | Mikesdotnetting

Additional questions should be asked in a new thread, otherwise this thread will be in danger of becoming your personal tutorial.

## Re: iTextSharp table headers

Jul 12, 2010 03:32 AM | wilsonnet

you are right!! I did asked on the question called."landscape" just now.. Thanks again.

## Re: iTextSharp table headers

Jul 12, 2010 06:50 AM | wilsonnet

 I added this PdfPCell cell = new PdfPCell(new iTextSharp.text.Phrase(col[i], new iTextSharp.text.Font(iTextSharp.text.Font.TIMES_ROMAN, 8)));

and I have noticed that my cells are not actually that font above.. only header fonts is times roman 8..  isnt that should make the all the cells?

## Re: iTextSharp table headers

Sep 02, 2011 12:27 AM | Galvin

Hi i am using your above example code for show the output in pdf format. But i am not getting the proper result. Please tell me where i am doing mistake. This is my code below.

```
 public void ShowTable()
       {

           Document doc = new Document(iTextSharp.text.PageSize.LETTER, 10, 10, 42, 35);
           PdfWriter writer = PdfWriter.GetInstance(doc, Response.OutputStream);
           Phrase phrase = new iTextSharp.text.Phrase(DateTime.UtcNow.ToString("yyyy-MM-dd HH:mm:ss") + "
GMT", new iTextSharp.text.Font(iTextSharp.text.Font.COURIER, 5));

           doc.Open();

           iTextSharp.text.Rectangle page = doc.PageSize;

           PdfPTable head = new PdfPTable(1);
           head.TotalWidth = page.Width;

           PdfPCell c = new PdfPCell(phrase);

           c.Border = iTextSharp.text.Rectangle.NO_BORDER;
           c.VerticalAlignment = Element.ALIGN_TOP;
           c.HorizontalAlignment = Element.ALIGN_CENTER;
   //c.Rotation = 90;
           head.AddCell(c);
           head.WriteSelectedRows(
     // first/last row; -1 writes all rows
    0, -1,
      // left offset
    0,
      // ** bottom** yPos of the table
           page.Height - doc.TopMargin + head.TotalHeight + 20,
           writer.DirectContent);



       // add image to document
           iTextSharp.text.Image logo = iTextSharp.text.Image.GetInstance(Request.MapPath("~/images/paste.png"));

           logo.Alignment = iTextSharp.text.Image.ALIGN_LEFT;
           logo.ScalePercent(50f);
           doc.Add(logo);

      // report "title"
           Paragraph p = new Paragraph("PDF Report");
           p.Alignment = 1;
           doc.Add(p);

      // add tabular data
```

```
        doc.Add(my_table());
        doc.Close();
    }

    private iTextSharp.text.Table my_table()
    {
        // the column headings


        string[] col = { "Type", "Severity", "JobName" };

        iTextSharp.text.Table table = new iTextSharp.text.Table(11);
        // set table style properties
        table.BorderWidth = 1;
        table.BorderColor = new iTextSharp.text.Color(0, 0, 255);
        table.Padding = 0;
        table.Width = 100;


        // set *column* widths
        //float[] widths = { .1f, .5f, .4f };
        //table.Widths = widths;

        // create the *table* header row

        for (int i = 0; i < col.Length; ++i)
        {
            Cell cell = new Cell(new Phrase(col[i], new iTextSharp.text.Font(iTextSharp.text.Font.COURIER, 5)));
            cell.Header = true;
            cell.BackgroundColor = new iTextSharp.text.Color(204, 204, 204);
            table.AddCell(cell);
        }

        table.EndHeaders();

        try
         {
        string connect =
"server=192.168.0.10;uid=admin;pwd=admin123;database=updated_bcrs;Pooling=true;Min Pool Size=0;Max Pool
Size=10000;Connection Lifetime=0;procedure bodies=false;";

        MySqlConnection conn = new MySqlConnection(connect);
        MySqlDataReader rdr=null ;

            string query = "SELECT Type,Severity, JobName FROM bcms_alert";
            MySqlCommand cmd = new MySqlCommand(query, conn);

            conn.Open();
            rdr = cmd.ExecuteReader();

                while (rdr.Read())
              {
                  table.AddCell(rdr["Type"].ToString());
                  table.AddCell(rdr["Severity"].ToString());
                  table.AddCell(rdr["JobName"].ToString());
              }
            }
```

```
            catch (Exception ex)
            {
                Response.Write(ex.Message);
            }

            return table;

        }

    }
```

Note: It give me some unwanted result. Please help me. Here i am very new.

## Re: iTextSharp table headers

Nov 08, 2011 03:12 AM | oysterlee

Hi,

I got a questin.

i saw this article have the
iTextSharp.text.Table

but why my visual studio show the table namspace is not exist?

## Re: iTextSharp table headers

Mar 27, 2013 04:27 AM | anjankant

**Below is code how to create header column in itextsharp PDF header**

```
PdfPTable PdfTable = new PdfPTable(dt.Columns.Count);
PdfTable.TotalWidth = page.Width;
PdfPCell PdfPCell = null;

foreach (DataColumn dc in dt.Columns)
{
phrase = new Phrase(dc.ColumnName, FontFactory.GetFont("Verdana", 8, iTextSharp.text.Font.BOLD));
c = new PdfPCell(phrase);
c.Border = 0;
c.HorizontalAlignment = PdfPCell.ALIGN_LEFT;
c.BackgroundColor = new iTextSharp.text.Color(135, 206, 250);
//c.GrayFill = 0.7f;
PdfTable.AddCell(c);
}
```