

# Create Excel File With HtmlTextWriter Class

## C# Codes

```
1 private void ExportGridToExcel()
2 {
3     Response.Clear();
4     Response.Buffer= true;
5     Response.ClearContent();
6     Response.ClearHeaders();
7
8     string fileName = "Devlet_Personel_Baskanligi_"
9     + DateTime.Now.ToString("yyyyMMddHHmmss") + ".xls";
10    StringWriter strwriter = new StringWriter();
11    HtmlTextWriter htmltextwrtter = new HtmlTextWriter(strwriter);
12    Response.Cache.SetCacheability(HttpCacheability.NoCache);
13    Response.ContentType= "application/ms-excel";
14    Response.ContentEncoding= System.Text.Encoding.Unicode;
15    Response.AddHeader("content-disposition", "attachment;filename=" + fileName);
16    Response.BinaryWrite(System.Text.Encoding.Unicode.GetPreamble());
17
18    StringWriter sw = new StringWriter();
19    var hw = new HtmlTextWriter(sw);
20    form1.RenderControl(hw);
21    WriteTsv(bolKadros, htmltextwrtter);
22
23    Response.Write(strwriter.ToString());
24    Response.End();
25 }
26 static void WriteTsv<T>(IEnumerable<T> data, TextWriter output)
27 {
28     PropertyDescriptorCollection props = TypeDescriptor.GetProperties(typeof(T));
29     foreach (PropertyDescriptor prop in props)
30     {
31         output.Write(prop.DisplayName); // header
32         output.Write("\t");
33     }
34     output.WriteLine();
35     foreach (T item in data)
36     {
37         foreach (PropertyDescriptor prop in props)
38         {
39             if (prop.Converter != null)
40                 output.Write(prop.Converter.ConvertToString(prop.GetValue(item)));
41             output.Write("\t");
42         }
43         output.WriteLine();
44     }
45 }
```

## ASPX File

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Index.aspx.cs"
Inherits="DevletPersonelBaskanligiWebServis.Index" EnableEventValidation="false" %>
  <!--RegisterForEventValidation can only be called during Render(); hatasinin cozumu olarak
yukarida EnableEventValidation="false" eklendi -->
  <!DOCTYPE html>

  <html xmlns="http://www.w3.org/1999/xhtml">
    <head runat="server">
      <title></title>
    </head>
    <body>
      <form id="form1" runat="server">
        <div>
          <asp:Button ID="btnSend" OnClick="btnSend_OnClick" runat="server"
Text="Gönder" />

          <asp:Button ID="btnSaveToExcel" OnClick="btnSaveToExcel_OnClick"
runat="server" Text="Excel Dosyası Oluştur" />
          <br />
          <asp:GridView ID="grdAllValues" runat="server" AllowPaging="true"
PageSize="100" OnPageIndexChanging="grdAllValues_OnPageIndexChanging"></asp:GridView>
        </div>
      </form>
    </body>
  </html>
```