

Forum:[Hack Forums](#)

Thread: [multi collumn text file to listview c#](#)

Mr.Magnificent - February 25, 2019, 11:47 pm

Hello HF!

I'm having some troubles, I have a text file which I would like to show organised on a big TV.

The text file is set like the following:

ID<>Name<TAB>Ordernumber<TAB>Reference

Now I would like to skip the ID because that's not important. The rest I would likt to show in a listview in C#

I'm not a coder and I can't seem to figure it out following an example I can find on google....

Does anyone have an example laying around that I can use and modify?

itcorp - February 26, 2019, 12:50 am

(Feb 26, 2019 12:47 AM)Mr.Magnificent Wrote: [\[CITE\]](#) Hello HF!

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Does anyone have an example laying around that I can use and modify?

Upload the original file,i would like to help you and solve the problem these are simple things.

aneeshkollam5 - February 26, 2019, 12:53 am

```
Code      string text_Path = "";
          OpenFileDialog OpenFileDialog = new OpenFileDialog();
          OpenFileDialog.Filter = "Text File (*.txt)|*.txt";
          if ((OpenFileDialog.ShowDialog(this) == System.Windows.Forms.DialogResult.OK))
          {
              text_Path = OpenFileDialog.FileName;
          }

          int lineCount = File.ReadAllLines(text_Path).Length;
          using (System.IO.StreamReader objReader = new System.IO.StreamReader(text_Path))
          {
```

```

        for (int i = 0; i <= lineCount - 1; i++)
        {
            string textline = objReader.ReadLine();
            string[] spStr;

            spStr = textline.Split('\t');

            MessageBox.Show(spStr[1] + "," + spStr[2] + "," + spStr[3]);
            // listView1.Items.Add(spStr[1], spStr[2], spStr[3]);
        }
    }
}

```

itcorp - February 26, 2019, 1:28 am

xaml:

```

Code <Grid>
    <ListView x:Name="list" ItemsSource="{Binding}">
        <ListView.View>
            <GridView>
                <GridViewColumn Header="NAME" Width="Auto" DisplayMemberBinding="{Binding
Path=Name}" />
                <GridViewColumn Header="ORDER NUMBER" Width="Auto"
DisplayMemberBinding="{Binding Path=Ordernumber}" />
                <GridViewColumn Header="REFERENCE" Width="Auto"
DisplayMemberBinding="{Binding Path=Reference}" />
            </GridView>
        </ListView.View>
    </ListView>
</Grid>

```

```

Code private async void Window_Loaded(object sender, RoutedEventArgs e)
{
    OpenFileDialog op = new OpenFileDialog();
    op.Title = "Select file";
    op.Filter = "Text files (Text files (*.txt)|*.txt)";
    if (op.ShowDialog() == true)
    {
        list.DataContext = await Logic.DataManipulacion.Shared().LoadData(op.FileName);
    }
}

```

Model

```

Code public class DataModel
{
    public int Id { get; set; }
    public string Name { get; set; }
    public string Ordernumber { get; set; }
    public string Reference { get; set; }
}

```

Logic:

```

Code public class DataManipulacion
{

```

```

private char[] splitChar;
private string[] dataSplit;
private List<DataModel> collection;

public async Task<List<DataModel>> LoadData(string _file)
{
    using (var stream = new FileStream(_file, FileMode.Open, FileAccess.Read,
FileShare.Read))
        using (BufferedStream bs = new BufferedStream(stream))
            using (var reader = new StreamReader(bs))
                {
                    collection = new List<DataModel>();
                    string fileline;
                    while ((fileline = await reader.ReadLineAsync()) != null)
                        {
                            splitChar = new char[] { '\t' };
                            dataSplit = fileline.Split(splitChar);
                            if (dataSplit.Length > 1)
                                {
                                    collection.Add(new DataModel()
                                    {
                                        Name=dataSplit[1],
                                        Ordernumber=dataSplit[2],
                                        Reference= dataSplit[3]
                                    });
                                }
                            else
                                {
                                    continue;
                                }
                        }

                    return collection;
                }
}

```

#region Singleton pattern

```

private static DataManipulacion instanca;

private DataManipulacion()
{
}

public static DataManipulacion Shared()
{
    if (instanca == null)
        instanca = new DataManipulacion();
    return instanca;
}

```

#endregion

}

Mr.Magnificent - February 26, 2019, 2:08 am

Thanks very much! gonna try it right now :)

I'll let you know if i get it to work.

(Feb 26, 2019 03:08 AM)Mr.Magnificent Wrote: [\[CITE\]](#) Thanks very much! gonna try it right now :)

I'll let you know if i get it to work.

I have the file located in a folder already, is it possible to replace the filedialog with the file?

I can't seem to get the file dialog to open anyways :)

itcorp - February 26, 2019, 3:43 am

(Feb 26, 2019 03:08 AM)Mr.Magnificent Wrote: [\[CITE\]](#) Thanks very much! gonna try it right now :)

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I just set as example to open file dialog when window is loaded (Loaded="Window_Loaded") and that part you need to add but you can remove file dialog and put a direct path to the file and in method down the file must be in the folder from which the application starts.

```
Code private async void Window_Loaded(object sender, RoutedEventArgs e)
{
    var loc = System.IO.Path.GetDirectoryName(Assembly.GetEntryAssembly().Location);
    var filename = "data.txt";
    var fullpath = $"{loc}\\{filename}";
    list.DataContext = await Logic.DataManipulacion.Shared().LoadData(fullpath);
}
```

Mr.Magnificent - February 26, 2019, 5:29 am

(Feb 26, 2019 04:43 AM)itcorp Wrote: [\[CITE\]](#) I just set as example to open file dialog when window is loaded (Loaded="Window_Loaded") and that part you need to add but you can remove file dialog and put a direct path to the file and in method down the file must be in the folder from which the application starts.

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}
```

Wow bud, thanks so much. I was really strugelling to get this to work.. If there's anything I can ever do for you just let me know :)

itcorp - February 26, 2019, 8:40 am

(Feb 26, 2019 06:29 AM)Mr.Magnificent Wrote: [\[CITE\]](#) Wow bud, thanks so much. I was really strugelling to get this to work.. If there's anything I can ever do for you just let me know :)
I'm glad you managed to solve it,thanks and all the best.