

Forum: [Hack Forums](#)

Thread: [VB.NET SORT LISTVIEW](#)

markzuckerberg - June 3, 2018, 4:16 am

Hello HF,

I need help here.. I have a list view with items(Files) added from a directory and sub directories as below code :

```
Code Dim directory = "c:\"
Dim files() As System.IO.FileInfo
Dim dirinfo As New System.IO.DirectoryInfo(directory)
files = dirinfo.GetFiles("", IO.SearchOption.AllDirectories)
For Each file In files
    With LVMAINFILEMANAGER
        .Items.Add((file).ToString())
        With .Items(.Items.Count - 1).SubItems
            .Add((file.DirectoryName).ToString())
            .Add((file.CreationTime).ToString())
        End With
    End With
    LVMAINFILEMANAGER.AutoSizeColumns(ColumnHeaderAutoResizeStyle.HeaderSize)
    LVMAINFILEMANAGER.Columns(1).Width = "0"
Next
```

On Error Resume Next

Now i need the Listview to show only last 15 files that added or modified files, i don't want to add them all in the listview. ?

can it be done ? ???

Thanks in advance! ?

CodeAssassin - June 3, 2018, 4:23 am

Change For each to a For loops with a counter added in to count to 15 or on the 15th irritation. jump out.

HFDone - June 3, 2018, 4:28 am

use ListView1.Items.Count

markzuckerberg - June 3, 2018, 4:33 am

(Jun 3, 2018 04:23 AM)CodeAssassin Wrote: [\[CITE\]](#) Change For each to a For loops with a counter added in to count to 15 or on the 15th irritation. jump out.

I'm not that professional, is there any example ?

(Jun 3, 2018 04:28 AM)HFDone Wrote: [\[CITE\]](#) use ListView1.Items.CountI always get errors when working with Listview.

HFDone - June 3, 2018, 4:41 am

in your for loop before you add the items put If ListView1.Items.Count = 15 Then Exit For

markzuckerberg - June 3, 2018, 7:55 am

(Jun 3, 2018 04:41 AM)HFDone Wrote: [\[CITE\]](#) in your for loop before you add the items put If ListView1.Items.Count = 15 Then Exit For
Any example ?

HFDone - June 3, 2018, 8:02 am

```
For Each file In files
    If ListView1.Items.Count = 15 Then Exit For
    With LVMAINFILEMANAGER
        .Items.Add((file).ToString())
    ...
```

Dalvik - June 3, 2018, 8:41 am

(Jun 3, 2018 08:02 AM)HFDone Wrote: [\[CITE\]](#) For Each file In files
If ListView1.Items.Count = 15 Then Exit For
With LVMAINFILEMANAGER
.Items.Add((file).ToString())
...

This works if he only wants to display 15 items in total. What if he wants to run whatever he is doing again without clearing previous results?

HFDone - June 3, 2018, 8:48 am

(Jun 3, 2018 08:41 AM)Dalvik Wrote: [\[CITE\]](#) This works if he only wants to display 15 items in total. What if he wants to run whatever he is doing again without clearing previous results?
"Now i need the Listview to show only last 15 files that added or modified files, i don't want to add them all in the listview."

Dalvik - June 3, 2018, 8:51 am

(Jun 3, 2018 08:48 AM)HFDone Wrote: [\[CITE\]](#) "Now i need the Listview to show only last 15 files that added or modified files, i don't want to add them all in the listview."
I know. Read what I said again.

HFDone - June 3, 2018, 11:18 am

(Jun 3, 2018 08:51 AM)Dalvik Wrote: [\[CITE\]](#) I know. Read what I said again.
he didnt mention it so he should decide if he want to clear to listview b4 or to do some math.

markzuckerberg - June 4, 2018, 8:50 am

(Jun 3, 2018 08:02 AM)HFDone Wrote: [\[CITE\]](#) For Each file In files
If ListView1.Items.Count = 15 Then Exit For
With LVMAINFILEMANAGER
.Items.Add((file).ToString())
...

This codes works for me and shows 15 item, but not the last modified or added (not the latest files that been added).

thanks in advance, any help ?

HFDone - June 4, 2018, 8:59 am

if i get you
Dim Num = ListView1.Items.Count + 15
For Each file In files

```
If ListView1.Items.Count = Num Then Exit For
With LVMAINFILEMANAGER
    .Items.Add((file).ToString())
```

...

markzuckerberg - June 4, 2018, 9:06 am

(Jun 4, 2018 08:59 AM)HFDone Wrote: [\[CITE\]](#) if i get you

```
Dim Num = ListView1.Items.Count + 15
```

```
For Each file In files
```

```
    If ListView1.Items.Count = Num Then Exit For
```

```
    With LVMAINFILEMANAGER
```

```
        .Items.Add((file).ToString())
```

...

Thanks for your fast reply,

Nothing changed.. Same results still getting a random files not the latest added or modified files.

HFDone - June 4, 2018, 10:46 am

to get latest added or modified files you need to use FileInfo Class and to check the file

LastWriteTime property and to compare it to current time.

[https://msdn.microsoft.com/en-us/library/system.io.filesysteminfo.lastwritetime\(v=vs.110\).aspx](https://msdn.microsoft.com/en-us/library/system.io.filesysteminfo.lastwritetime(v=vs.110).aspx)

markzuckerberg - June 4, 2018, 1:38 pm

(Jun 4, 2018 10:46 AM)HFDone Wrote: [\[CITE\]](#) to get latest added or modified files you need to use FileInfo Class and to check the file LastWriteTime property and to compare it to current time.

[https://msdn.microsoft.com/en-us/library/system.io.filesysteminfo.lastwritetime\(v=vs.110\).aspx](https://msdn.microsoft.com/en-us/library/system.io.filesysteminfo.lastwritetime(v=vs.110).aspx)

Thanks mate works like charm, My program is working well.

Below is the final solution :

```
Code Public Class clsCompareFileInfo
```

```
    Implements IComparer
```

```
    Public Function Compare(ByVal x As Object, ByVal y As Object) As Integer Implements
```

```
IComparer.Compare
```

```
        Dim File1 As FileInfo
```

```
        Dim File2 As FileInfo
```

```
        File1 = DirectCast(x, FileInfo)
```

```
        File2 = DirectCast(y, FileInfo)
```

```
        Compare = DateTime.Compare(File1.LastWriteTime, File2.LastWriteTime)
```

```
    End Function
```

```
End Class
```

```
Code Dim dirinfo As DirectoryInfo = New DirectoryInfo("c:\")
```

```
    Dim allFiles() As FileInfo = dirinfo.GetFiles("*", IO.SearchOption.AllDirectories)
```

```
    Array.Sort(allFiles, New clsCompareFileInfo)
```

```
    Dim Num = LVMAINFILEMANAGER.Items.Count + 15
```

```
    For Each fl As FileInfo In allFiles
```

```
        If LVMAINFILEMANAGER.Items.Count = Num Then Exit For
```

```
        With LVMAINFILEMANAGER
```

```
            .Items.Add((fl).ToString())
```

```
            With .Items(.Items.Count - 1).SubItems
```

```
                .Add((fl.CreationTime).ToString())
```

.Add((fl.DirectoryName).ToString())
End With
End With
Next
Thank you HF ?

HFDone - *June 4, 2018, 1:51 pm*

np take time to undersatnd what you and Dalvik says

markzuckerberg - *June 4, 2018, 1:57 pm*

(Jun 4, 2018 01:51 PM)HFDone Wrote: [\[CITE\]](#) np take time to undersatnd what you and Dalvik says
I Will mate, Thank you both for your kind cooperation.
Have a nice day ?